

FOURTH BIENNIAL REPORT

OF THE

COMMISSIONERS OF PHARMACY

FOR THE

STATE OF IOWA.

---

1887.

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PRINTED BY ORDER OF THE GENERAL ASSEMBLY.

DES MOINES:  
GEO. E. ROBERTS, STATE PRINTER.  
1887.

## CONTENTS.

	PAGE
Commissioner's report.....	1-34
Abstract of the Pharmacy law.....	5-6
Suggested amendments to the law, by Attorney R. L. Parrish.....	6-10
Amendments recommended to the Pharmacy law.....	34
Constitutionality of the law in relation to 25 per cent of fines.....	14-16
Attorney General's opinion in relation to 25 per cent of fines.....	17-18
Opinion of Attorney G. F. Henry in relation to 25 per cent of fines.....	16-17
Arguments of our attorneys in case of State vs. O. A. Noel on 25 per cent of fines.....	18-24
Examinations.....	28-30
Referring to regulations.....	30
Supreme Court decision (syllabus), State vs. Von Hultzscher.....	11
Supreme Court decision, State vs. Douglass.....	11-13
Supreme Court decision, Brainiff vs. Weaver <i>et al.</i> , on forfeitures.....	26
Supreme Court decision (syllabus), State vs. Courtney, on permits.....	33
Supreme Court decision, State vs. Cloughly.....	31
Iowa Pharmacy law.....	35-40
Synopsis of Board minutes.....	41-50
Secretary's Report of Registrations, Revocals, Forfeitures, etc.....	51
Treasurer's report.....	52-57
Treasurer's report of 25 per cent enforcement fund.....	58-62
Summary of Treasurer's report.....	112
Statement in relation to permits issued in the State.....	63-65
Record of prosecutions.....	66-73
Answers to some general questions.....	74-75
Pharmacy Regulations from Nos. 4 to 24.....	77-86
Official Forms, in conformity to chapter 83, laws of 1886.....	87-93
Pharmacy Notices from Nos. 1 to 5.....	94-96
Special Notices.....	97-99
Reply to circular in relation to concentrated lye.....	100-111
Abstract of State Pharmacy Register, Appendix.....	1-80
List of Registered Pharmacists by Counties, Appendix.....	81-102
Abstract of Registered Assistants, Appendix.....	103
Synopsis of State Pharmacy Register, Appendix.....	104
Certificate of Secretary, Appendix.....	107



## COMMISSIONERS' REPORT.

IOWA COMMISSIONERS OF PHARMACY, }  
OFFICE OF THE SECRETARY, }  
STATE CAPITOL, DES MOINES, IOWA, Dec. 10, 1887. }

*To his Excellency, WM. LARRABEE, Governor:*

In accordance with the requirements of law, we have the honor to submit herewith the fourth biennial report of the Commission of Pharmacy, giving a brief account of the transactions of the Board from the date of last report, August 15, 1885, and a corrected abstract of the State Pharmacy Register to December 1, 1887.

A careful study of the first, second and third biennial reports in connection with this fourth report, will disclose a gratifying progress with the attainments and proficiency of the pharmacy law.

The pharmacy act of 1880, and amendments of 1882 and 1886, were only tentative steps to fulfill the objects of the law, that we believe the State will never suffer to be taken backward either by men whose commission is to make law, or by men whose commission is to administer and execute it. This confidence is based not alone on the fact that Iowa enjoys the honor and distinction of being the first State in a list of twenty of the great States of the Union to enact a pharmacy law worthy of the name; but because it is a good law and for the protection and welfare of the whole people, as well as legitimate pharmacists, to whose honor be it said, they were the first to ask for the proper legal regulation of their avocation. In this connection the Supreme Court of Indiana, *Eastman vs. State*, decided June, 1887, cites cases from the courts of last resort in twelve different States. We quote the following paragraph:

"The State has an interest in the life and health of all its citizens, and the law under examination was framed, not to bestow favors upon a particular profession, but to discharge one of the highest duties of a State—that of protecting its citizens from injury and harm."



United States Supreme Court decision, December, 1887, (Kansas cases) holds under our system of government the police power is lodged with the legislative branch of government. It belongs to that department to exert what are known as the police powers of States. It must determine primarily what measures are appropriate or needful for the protection of *public morals, public health or public safety*.

By applying such decisions to pharmacy cases it may be claimed that registered pharmacists are granted extraordinary honors and exceptional protection by the State. And why? Does their calling require a higher grade of intelligence or greater responsibility? "Other occupations, like those of builders, engineers and manufacturers of many kinds, are charged with no less grave responsibility to the public. The distinction is recognized as primarily due to the accepted fact that professional protection of the pharmacist is merely incidental to protection of the public from ignorance in a profession where the public is, in the nature of things, unable to anticipate or detect it. It is assumed that people are generally sufficiently intelligent to know the identity of food products, and, in the event of adulterations, the danger is usually not so imminent that it may not be averted. Besides, adulterations are due to cupidity and not to ignorance, and for this crime the public has a remedy at law. But with reference to the identity of drugs in a prescription, or to fidelity in compounding, the purchasing public may be assumed to have practically no knowledge whatever. The diagnosis may be infallible and the remedy evident, but neither purchaser nor patient have the slightest knowledge of the identity of the medicine except through faith in the skill and care of the dispenser. To give reason for this faith, to avert unnecessary suffering and to save life, to provide for the deficiency of the public information and its inability to distinguish the true from the false in medicine, pharmacy laws are instituted. The State, through the Board of Pharmacy, supplies the deficiency by certifying to the competency of its pharmacy licentiates. How great the responsibility devolving upon these Boards, and how momentous the issues of their examinations! Let the principle be carefully noted that pharmacy is protected simply and solely as a means of protection to the public, and that the character and limits of legislation on the subject must be governed by what the public welfare requires, and not by what may be deemed the pecuniary interests of trade."

The most difficult part of Iowa legislation is due to the fact that

this State holds *advance views* in regard to temperance, and has ever since it became a State, sought to perfect laws to accomplish such views; contrary opinions and interests have, however, from time to time so crippled and hampered the laws as to make them obnoxious and ineffective even to sincere temperance people; causing the pendulum of public opinion to swing from one extreme to the other in the vain hope to thus eliminate it from politics and admit the discussion of other subjects of public import, this has recently been demonstrated by the change of public opinion in Georgia, and as shown by their late election is due not entirely to the way the colored people voted, but to the fact that sober thinking people realized that no provision had been made for the legitimate demands of such liquor as required for the actual necessities of medicine.

In anticipation of this state of affairs in 1878 and 1880, the better class of Iowa druggists realized the necessity of some legislation that would prevent their calling being used as a cloak or guise for the trafficker in liquors; hence practical restrictive laws to regulate the sale of intoxicating liquors as a medicine, were first favored by representative druggists to the Seventeenth General Assembly in 1878, and by memorials of the Iowa State Pharmaceutical Association to the Eighteenth and Nineteenth General Assemblies of 1880 and 1882, supported at each session with such suggestions as time and experience proved to be worthy of adoption. Some were enacted into law, not, however, without meeting with stubborn opposition from uninformed or designing extremists on both sides of this important question, resulting in some ill-considered legislation which should have been carefully considered in the spirit of true inquiry that would dominate scientific men maturing plans to accomplish any difficult problem. Such legislation should now be fully matured by the legislative body and committees, to correct the defects of past legislation, due principally to adverse interests, prejudices and futile efforts to secure partisan advantage. As the true character of this formidable work, frees it from partisan influences, its best results cannot be obtained, unless the legislative mind that creates it, frees itself from party bias and resolves to sincerely deliberate and act for the good of the whole people.

By virtue of the pharmacy law, a registered pharmacist becomes in a measure a public official, empowered to discharge certain duties, and in such capacity the State has a legally constituted body of practical pharmacists from which the mere trafficker in narcotics or stim-



ulants has been largely sifted out by the law (see secretary's report or abstract of pharmacy register appended). Under regulation No. 17, each registered pharmacist is expected to decide what bitters, cordials, etc., put up in the form of patent medicine, can be used as an intoxicant, or is reasonably liable to be used as a beverage, as it would otherwise be impossible to designate the innumerable preparations whose name and composition is subject to change.

It devolves upon the incoming legislature to decide whether those now on the register are worthy, as a class, of the duties assigned them, or for the courts to further eliminate such as prove recreant to the trust reposed in them.

During these experimental stages, the law has been largely supported by registered pharmacists, and we may now be expected to give a favorable report of good resulting from the law.

Erroneous decisions of lower courts, prejudice, and a multiplicity of causes for adverse criticism have been to a large extent negated and the main principles of the law sustained by the Supreme Court, and more generally understood by the public. To detail the good done by the law, or point out its benefits to the community, it would be necessary to go into every town in Iowa, and note the improvements in the manner of conducting drug stores, to that when anybody could set up a sham drug store and deal out patent medicines, poisons and whisky, *ad libitum*; to examine the registered pharmacists' poison registers and think of the consideration and care necessary to exercise due discretion in the sale of poisons, opium, morphine, cocaine, etc., aside from the sworn monthly reports and specific reports in duplicate, of each sale of liquor, one being on file in the pharmacy, the other in the office of the county auditor. In common fairness, then, we would say to the critic, put yourself in the pharmacist's place, when he must decide against his customers' demands for such articles as might be misused or applied to a dangerous if not criminal purpose. Consider the good faith and good judgment requisite to a proper and respectful discharge of his duties under the law, in dispensing narcotics or intoxicating liquors; borrow but a grain of experience from the daily experience of any legitimate, conscientious pharmacist, and you will be more disposed to honor the profession to which this onerous task has fallen. Certainly no one conversant with the facts will claim that the legitimate demands of medicine, afford any adequate compensation for the responsibilities assumed, and it is safe to say that if the legislature can devise any better

means for dispensing liquors for the actual necessities of medicine, that the registered pharmacist will hail it with joy.

The time has come, however, when, as public officials in charge of this perplexing branch of legislation, it becomes our duty to assert, with due regard for the opposition it will meet from interested parties, but without fear of successful contradiction, that the sale of liquors that can be used as intoxicants need no longer be provided for the three other purposes now permitted by law; i. e., for mechanical, culinary and sacramental purposes, for the reason that wood alcohol or methylated spirit as now made, is equal to and superior for all strictly mechanical purposes to grain alcohol, besides being cheaper; while unfermented grape or fruit juices can be preserved and made available for every reasonable requirement for culinary and sacramental purposes. It is true this would indicate a radical reform, but no argument need be adduced to show that this is the most prolific source of evasion, the open flood gate that casts consternation in the ranks of temperance workers and destroys confidence in the practicability of restrictive liquor laws by which so called "legally permitted dealers in liquor" boldly advertise as such, and thereby openly become the supply-houses for saloons, and *any one who says he wants beer, etc., for mechanical purposes*. Sufficient evidence of this flagrant means of evasion is apparent in every county where such permits are still issued, and of which reference is made in our third biennial report.

We here give an

#### ABSTRACT OF THE PHARMACY LAW.

Chapter 75 of the Eighteenth General Assembly, first enactment, March 22, 1880, section 1 in force.

Section 2 in force.

Section 3 is in force as amended by section 1, chapter 83, Twenty-first General Assembly.

Section 4 is in force as amended by section 1, chapter 137, Nineteenth General Assembly.

Section 5 is in force.

Section 6 is in force.

Section 7 is in force.

Section 8, substitute enacted by section 2, chapter 83, Twenty-first General Assembly.

Section 9 is in force.



Section 10 is in force as amended by section 2, chapter 137, Nineteenth General Assembly, and section 3, chapter 83, Twenty-first General Assembly.

Section 11 is in force as amended by section 3, chapter 137, Nineteenth General Assembly.

Section 12, substitute enacted by section 4, chapter 83, Twenty-first General Assembly.

Section 13, publication clause.

Section 14, repealing clause.

There was no amendment during the Twentieth General Assembly, but chapter 143, known as the prohibitory or penalty act, was held by the Supreme Court as having repealed the original section 8 by implication.

The allied laws of the Twenty-first General Assembly.

The Medical bill, chapter 104, was filed with the Governor April 5, 1886.

The Clark bill, chapter 66, was filed with the Governor April 5, 1886.

Pharmacy bill, chapter 83, was filed with the Governor April 7, 1886.

In connection with this we quote from a letter from one of our attorneys:

LEON, IOWA, October 28, 1887.

HON. GEO. H. SCHAFER, *Commissioner of Pharmacy, Ft. Madison, Iowa*:

DEAR SIR—I have yours of the 24th, in which you do me the honor to inquire what suggestions I have to make as to your biennial report. You doubtless refer to that portion of the pharmacy law relating to the sale of intoxicating liquors by druggists; as that is the only part of the pharmacy law in which I have had sufficient experience to make any suggestions, which might possibly be of value to the Commissioners of Pharmacy. We have discussed the subject together frequently; and I think there is a substantial agreement among the members of the Board of Pharmacy and their attorneys, as to the operation and effect of the present pharmacy law, and the amendments necessary to make it more effectual. It can be said, I think, of the present pharmacy law that the penalties provided therein are sufficient, and the law when put in force has been found sufficient to regulate the traffic in intoxicating liquors. The defect in the present law is in the means provided for the enforcement of it and in a certain incoherence in the original liquor law and the various amendments thereto, and the difficulty which exists in understanding just the relation the present pharmacy law bears to the general liquor law. Thus while the present phar-

macy law and the general liquor law furnish adequate penalties for the violation thereof, so that they are sufficient for which they were intended in all cases where violators of the law have been actively prosecuted; and while the Commissioners of Pharmacy, by their attorneys and with the co-operation of various county attorneys throughout the State have secured a large number of convictions, and in very few cases, I believe, have failed to convict, and where required by law put out of business the persistent violators of the pharmacy law; complaints still arise in some localities that the law is not sufficiently effective. The objection to the law, in addition to its want of coherence and clearness, is that in its practical operation the enforcement of it is too tedious and clumsy, and the means provided the Commissioners for the enforcement of it too inadequate to be entirely satisfactory. In my opinion some amendments might be made to obviate this difficulty and make the law effective. To be more specific, in the first place the task set before the Commissioners of regulating the conduct of 1,700 druggists, scattered over the 100 counties of Iowa, is a stupendous one. It is asking the Commissioners to do the work, which the entire power of the State, as administered by the local authorities, have hitherto attempted, but with partial success, and if the State expects them to perform this great task it should furnish them adequate authority and means sufficient. It is of little use to say to the Commissioners that they can revoke the certificate of a druggist for the violation of the liquor law, after the druggist has been twice convicted, when by the slow process of law these two convictions will only be obtained after two or three years; and even the convictions may not be obtained through the supineness of the county authorities. The legislature should provide, in my opinion, that whenever the Commissioners of Pharmacy were satisfied that any druggist is violating the law in respect to the sale of intoxicating liquors, that they should revoke his certificate forthwith, or at least suspend it until it can be satisfactorily determined by the courts, or in some other legitimate way, whether the druggist is violating the law. It may be objected that this power might seem somewhat arbitrary, and in operation somewhat severe; but this power of revocation is nothing more than is given with reference to other officials appointed by State authority. Then there is a physical impossibility that three Commissioners should have or acquire actual personal knowledge of the conduct of all the druggists over the entire State; and that they should do this in addition to the many other duties imposed upon them by the law and yet that is about what seems to be expected of them by the law at the present time. If they are expected to have an actual supervision over each druggist, and that, in my opinion, is the only kind of a supervision that will be found to be effectual, they should be empowered to appoint agents and attorneys in different parts of the State to act for them and investigate and prosecute such cases as may be desirable, and obtain and furnish the Commissioners such information as may be necessary for the intelligent performance of their duties. Of course such agents and attorneys can not be employed without compensation, and no adequate provision has yet been made for this. It may be asserted that it is the business of the county authorities,



under the direction of the various county attorneys, to perform this work; but this has been found impracticable in the counties where the supervision was most needed. While in many cases over the State the county attorneys have rendered valuable assistance to the Commissioners in the performance of their official duties, yet they are not responsible to the Commission for the faithful discharge of their duties. And however good their intentions may be, they feel that the prosecution of liquor cases is only one of various branches of criminal prosecution that they are called upon to attend to, and that they are only called upon to give that branch a fair share of the attention, which they give to all branches of criminal practice. It so happens also that the counties where the pharmacy law needs most attention are the counties where the county attorneys are so overrun with the general business of their offices, that they are unable to give the time to this branch that it requires and as they are not responsible to the Commission, there is no way of influencing any more than a perfunctory discharge of their duties in this respect. I have found in all cases where I have taken charge of prosecutions in behalf of the Commissioners, that the county attorneys were ready and anxious to cooperate with the Commission's attorney in the active prosecution of the cases, but they did not feel called upon to take the initiative in such cases or make a specialty of such prosecutions.

There are some details of the law also which need amendment. Take, for instance, the case of shipping permits. The object of shipping permits was to prevent the reception of liquor by parties not authorized to receive it, and to afford a check upon the liquor dealer as to the amount of his business in that direction. The law attains its object as to the first particular, but not as to the latter, for the reason, that while the auditor's books may show that a large number of shipping permits have been obtained, there is no method of telling just how much liquor has been shipped on those permits. In my judgment the railroad company should be compelled, when they ship liquor on permits, to take a receipt from the druggist for the amount of liquor shipped, which should be attached to the permit and returned to the county auditor, with a return endorsed thereon, showing the amount of business done by the particular druggist, whose case may be investigated. And this would afford a guide as to whether he was handling more liquor than the legitimate necessities within his locality required.

County auditors should be prohibited from issuing shipping permits, except upon the personal or written application of pharmacists, or from issuing duplicate shipping permits, except upon satisfactory evidence in writing, under oath, as to the loss of the original. In no case should an auditor be allowed to issue more than one shipping permit for a single shipment of liquor, except as a duplicate, and the druggist should be compelled to make, on oath, some satisfactory showing as to what he has done with the shipping permit, if any are not returned by the common carrier as above indicated. The law should provide that the shipping permits should accompany the bill of goods in all cases, and should be transferred from one common carrier to another with proper endorsements thereon; so that when the

shipping permit reached the auditor's office, it would show, by the endorsements on it, the complete history of the whole transaction. And the permit should be, at least, *prima facie* evidence of the facts, which, with the endorsements appearing thereon, and to show the fact that the druggist has received the amount of liquor, for which shipping permits was issued.

I do not attempt here to give the precise provisions of the law, or amendments, embodying these points, that should be passed upon this branch of the law.

We have heretofore discussed the advisability of an amendment with reference to the blank application or sales of liquor used by the druggists. Perhaps that could be more satisfactorily reached by a regulation. But in my opinion, nothing is more needed than some provision which should prevent the druggist who seeks to use the permit for a cover for illegal sales from failing to return to the auditor, at the end of the month, all the applications which he has taken. I have found comparatively few of the druggists who violate the law make the practice of selling liquor without having the purchaser sign the application. The signing of an application is very easily procured, and very few druggists would neglect so obvious and simple a means of self-protection. But the druggist who is selling under color or in substantial violation of the law, simply returns to the auditor, at the end of each month, such of his applications as he thinks will make a fair show, and consign the rest to the waste basket. This method of violating the law is, under our present means of obtaining evidence, very difficult to detect.

In my judgment, a law or a regulation of the Commission, providing that all druggists should obtain their blank applications from the State or from the Commissioners of Pharmacy, at cost, each application numbered consecutively for each druggist, for which each druggist should receipt, so that the failure to return any part of these applications would meet with immediate inquiry and detection, would meet the necessity of the case and furnish, not only sufficient check on this practice, but also furnish an effectual means of proof in case of prosecution.

I think also the Commissioners or their agents should be authorized by law to inspect drug stores, where deemed desirable, to examine their books and their applications. \* \*

It may be, and by those who don't desire to see this law enforced, doubtless will be, objected that measures of this kind would seem to be arbitrary and oppressive; but they could oppress no druggist who was complying with the law; and the object of the law is to make it very uncomfortable for the druggist who is using his permit as a cover for illegal sales. Then, too, I apprehend that these provisions and other provisions now existing in the present law, are not more arbitrary or stringent than these provisions, which the Federal government has found necessary to regulate the making of intoxicating liquor by the wholesaler. In fact, it is my settled conviction that no provision which the legislature can make will be found effectual in suppressing the illegal traffic in intoxicating liquor, which leaves anything to the good faith of the man who handles it. Of course, there are men, and I think the majority of druggists who are disposed to perform the trust



honestly, but this law and these regulations are not for them. If there were none but them in business no regulations would be necessary. These regulations are for the purpose of regulating those who do not desire to fulfill the trust faithfully, and no regulation which gives that class of persons the slightest opportunity for evasion will ever be effectual in regulating the sale of intoxicating liquors.

The Federal government has found it necessary to exercise, through their agents, personal supervision over every gallon of alcoholic liquor manufactured, from the time the grain leaves the ear till it leaves the distillery. And a supervision over the retailers which should be approximately as rigid is, in my opinion necessary. I think, in addition to the above supervision, the Commissioners of Pharmacy should have authority to institute prosecutions in counties, where they think best. It has been found impossible to get prosecutions even started in some counties in the State, on account of the indifference and even active opposition of the legal authorities. In such cases the Commission should have power to appoint agents or attorneys to commence these prosecutions and exercise all the duties of prosecuting attorneys in connection with the cases, even to examining the witnesses before the grand jury, and if necessary draw indictments.

As I have before indicated, the present liquor laws, taken as a whole, are somewhat incoherent, not hard to understand perhaps to one who has made it a special study, but liable to confuse druggists and other persons, who have not a special knowledge in the interpretation of statutes, as to their rights. It seems that the whole intoxicating liquor law and the pharmacy law should all be embodied into one chapter, and all the acts and parts of acts inconsistent therewith repealed. I believe that with the amendments above suggested to the present law, and others, which perhaps might be advisable, that the pharmacy law could be fully enforced. It seems to me to be right in theory and practicable in plan, but that the legislature have not gone quite far enough in giving the Commissioners of Pharmacy the power they must have in order to carry it out in its fullest success. It seems to me that the Commissioners of Pharmacy have done every thing they could do with the power and means afforded them. No one who is not familiar with the work done by them in the last two years has any idea of the immense amount of efforts made and opposition overcome and work performed by the Commissioners of Pharmacy. And when it is considered that all this work has been done by the Commissioners in the enforcement of the liquor clause of the pharmacy law, without any extra compensation, and at their own expense to a considerable extent, it seems that they will hardly receive the amount of credit that is due them.

Yours,

R. L. PARRISH.

Since the foregoing was written we have Supreme Court decisions, *State v. Von Hultschuherr*, filed October 11, 1887; *State v. E. F. Douglass*, filed October 27, 1887, which may obviate some of the difficulties cited, and amplify others.

*In re State v. Von Hultschuherr*: First. Twenty-seven counts of an information for unlawful sales of intoxicating liquors were in the same language, as follows: "For that defendant, at the time and place as alleged in count one thereof, did sell intoxicating liquors, to-wit: one quart bottle of beer, more or less, or other intoxicating liquor, to a person whose name is unknown to affiant." The court held that the prosecution should have been ordered to elect upon which one it would proceed, or that a demurrer to all but the first should have been sustained. BECK, J., *dissenting*.

Second. The defendant was a licensed pharmacist, on trial for selling intoxicating liquors. The court in its charge enumerated the requirements of law to be performed by a pharmacist before and after a sale of intoxicating liquor, and instructed the jury that, after the prosecution proved the sale of liquor, the burden rested upon the defendant to show, by a preponderance of evidence, that the sale was lawful. Held error, as the "requirements after a sale, if not performed, would not make the sale unlawful."

Third. While a licensed pharmacist is required by Code, Iowa, section 1537 and 1538, to make a report on or before the 10th day of each month, of sales of intoxicating liquors made during the previous month, and is forbidden to sell the liquors at a greater profit than thirty-three and one-third per cent, yet the violation of these provisions will not make him liable as for an unlawful sale of such liquor.

We publish in full the decision in *State v. Douglass*:

IN THE SUPREME COURT, JUNE TERM, 1887.

THE STATE OF IOWA, APPELLANT, V. E. F. DOUGLASS.

*Appeal from Tama District Court, HON. L. G. KINNE, Judge.*

An information was filed before a justice of the peace in which defendant was accused in different counts of ninety-seven offenses against the statute for the suppression of intemperance.

Upon a trial to a jury he was convicted on forty-eight counts, and a separate judgment imposing a fine was pronounced against him upon each of said counts. He appealed to the District Court from forty-seven of said judgments. When the cause came on for trial in the District Court it was stipulated by the parties that at the time the several sales charged in the information are alleged to have been made the defendant was a registered pharmacist and held a permit from the board of supervisors for the sale of intoxicating liquors for lawful purposes.

The District Court thereupon excluded the evidence offered by the State in support of the information and withdrew the cause from the jury and entered an order discharging the defendant and taxing the cost to the State. From that order the State appealed.

A. J. Baker, Attorney-General, for the State.

C. C. Bradshaw and S. C. Leland, for defendant.

REED, J.—Defendant was accused of selling intoxicating liquors to min-



ors and to intoxicated persons, and to persons who were in the habit of becoming intoxicated. Also of selling such liquors to be used as a beverage.

The District Court ruled that as he held a permit from the board of supervisors for the sale of intoxicating liquors for the purposes for which they are allowed to be sold, he could not be tried upon an information for these acts, but that he was answerable only upon indictment for nuisance. The question in the case then is whether a person who holds a permit for the sale of intoxicating liquors for lawful purposes is punishable criminally for sales made by him for unlawful purposes.

This question depends upon the construction and effect which should be given to certain sections of the statute for the suppression of intemperance. Section 1523 of the Code is as follows:

"No person shall manufacture or sell by himself, his clerk, servant or agent, directly or indirectly, any intoxicating liquors except as hereinafter provided \* \* \* \* \*

Section 1526 provides that *any citizen* of the State, except those belonging to certain enumerated classes, may buy and sell such liquors *for medicinal purposes only*, provided he shall first obtain permission from the board of supervisors of the county in which the business is to be conducted.

The following sections, up to and including 1538, relate to the manner of obtaining such permit, and impose certain regulations of and restrictions upon the business of selling under the permit.

Section 1539 forbids the sale of liquors by any person to any minor or intoxicated person, or to any person who is the habit of becoming intoxicated, and imposes a penalty for sales to such persons.

Section 1540 is as follows:

"If any person not holding such a permit by himself, his clerk, servant or agent shall \* \* \* directly or indirectly sell \* \* \* any intoxicating liquors to any person, he shall for the first offense be deemed guilty of a misdemeanor, and on conviction for said offense pay a fine of not less than fifty or more than one hundred dollars, and stand committed to the county jail until such fine is paid \* \* \* \* \*

Sales of liquors to the classes of persons enumerated in section 1539, are not by the terms of that section declared to be misdemeanors, and the penalty imposed by it can be enforced only by civil action at the suit of a citizen of the county.

Section 1542 prescribes a penalty for owning or keeping intoxicating liquors with intent to sell the same contrary to law, and makes the act a misdemeanor, or triable (for the first offense) on information, and section 1543 makes the keeping of a building or place in which intoxicating liquors are sold contrary to law, or are kept for sale contrary to law, a misdemeanor triable by indictment.

Section 1540, however, contains the only provision under which a party can be punished criminally for the act of selling intoxicating liquors. But by the express language of that section it is made applicable only to persons "not holding such a permit."

It is to the acts of persons of that class that the penalties prescribed are made to attach.

The sale of intoxicating liquors by a person holding a permit for any other purpose than those enumerated in section 1526, is clearly forbidden, and it is remarkable perhaps that no penalty should have been prescribed for the doing of that act.

Persons holding permits, however, are subject to the penalties prescribed by sections 1542 and 1543, for owning or keeping liquors with unlawful intent, and for keeping or maintaining a place in which such liquors are sold or kept for sale unlawfully.

And the fact that they had sold such liquors unlawfully would in either case be competent and satisfactory evidence that they kept the liquors for an unlawful purpose. As the statute expressly subjects them to these penalties, and also in express terms attaches the penalties prescribed by section 1540, to the act of selling by persons not holding such a permit, the conclusion is irresistible that it was not the intention of the Legislature that they should be punished criminally for the act of selling unlawfully.

The contrary intent cannot fairly be gathered from any of the provisions of the statute.

This is the view adopted by the District Court, and on which the order appealed from is based.

AFFIRMED.

While these cases have created much comment, especially among the Board's attorneys, as affecting other cases pending in the lower courts, we are unprepared at this time to state how it may affect further proceedings or legislative interests. The enforcement of the pharmacy law or the pharmaco-liquor law, should receive the open support of *all* law abiding citizens, not excepting the most zealous advocates of license or prohibition, it being essential in either case that the sales for medicinal purposes be subject to stringent regulations as therein provided. The opportunities for evading the legitimate purposes of medicine are more difficult and less avoidable than other purposes for which liquors are sold, but when required, *for the actual necessities of medicine*, it should not be denied; hence a registered pharmacist who faithfully *complies with the law and regulations*, should receive its full protection, and the violator should be promptly punished. To facilitate and direct this work, this Board districted the State by assigning certain counties to each Commissioner, as per pharmacy notice number 4, page —, and by retaining attorneys at various points, making arrangements for compensation therefor out of the twenty-five per cent enforcement fund provided by section 2, chapter 83, laws of 1886.



Nearly all of our attorneys, especially those who have shown great fidelity, legal acumen and devotion to their cases, are deserving of special mention and thanks,—particularly so on account of the inadequate compensation provided for enforcement; on the other hand, we regret we have abundant reasons for saying that but for the indifference, laxity, or covert opposition of some county attorneys, subject to local influences, our report of prosecutions would show a still greater number of successful results for the enforcement of the law, such instances as permitting continuances from term to term, and such bargains as defendant agreeing to plead guilty at the next term of court, leaving the defendant in the meantime to pursue the even tenor of his ways and the Commissioners subject to reproof as if permitting such violations, the inferential hope of the defendant being that he can amass sufficient political influence to have the law changed or crippled to suit his purpose.

The greatest difficulty, however, arises from the collection of the twenty-five per cent of fines appropriated to defray the expenses of prosecutions and enforcement. We therefore issued a circular letter May 5, 1887, to each county attorney, and here publish extracts therefrom:

DEAR SIR—A question has arisen in the minds of certain of the county attorneys of the State respecting the constitutionality of a provision of section 2, chapter 83, acts of Twenty-first General Assembly, amending an act of the Eighteenth General Assembly, known as the pharmacy law, to the effect that twenty-five per cent of all fines collected, in cases arising under such act, be paid into the State treasury, to be held subject to the order of the Commissioners of Pharmacy, to be used by them as therein directed.

As the provision in question furnishes the sole fund available to the Commission for the purpose of securing evidence, and bringing about prosecutions and convictions for the manifold offenses prescribed in the original law and the amendments thereto, and believing that the public interest will be greatly jeopardized should they be compelled to drop all their investigations and prosecutions, and, in fact, give up all supervisory control of the pharmacists, and leave them subject only to the prosecutions to be instituted by the peace officers of the State, the Commissioners request me to present the following views of law and *public policy* to yourself and brother officers, so as, if possible, to remove any doubt which may exist in your mind, and secure your consent to their participation in fines collected in this class of cases in your county.

Upon the question of law I will only call your attention to the following provisions of the constitution of the State; viz., section 4, article 12, and section 4, division 2, article 9. The former, in the expression "in the manner prescribed by law" plainly indicates a legislative power of distri-

bution of a fine. This power is also still more plainly indicated by the use of the words "clear proceeds" in the second section referred to.

It will be observed, also, that this last section distinguishes between money paid as an equivalent for exemption from military duty and fines, in that it requires *all* of the former to be paid over, while with respect to the latter it says "clear proceeds," and this very distinction strengthens our view of the correct meaning of the words quoted.

As to whether the twenty-five per cent clause in question applies to cases against registered pharmacists for violation of the "prohibitory" law, as distinguished from the "pharmacy" law proper, I beg to refer to the opinion hereto attached, and the concurrence of the Attorney-General therein, given in a slightly different case from that now suggested, but necessarily involving its consideration.

The main point, however, which I desire to urge upon you is the effect of this controversy upon the Commission and through it upon the people of the State. As I have said, this fund furnishes the only means at the command of the Commission for securing an enforcement of the criminal features of the pharmacy law. The receipts from registration and itinerant license fees are more than exhausted in the payment of the expenses of the Commission in connection with that and other branches of their duties. That the Commissioners of Pharmacy can secure, if the proper means be at their command, a more rigid enforcement of the provisions of the pharmacy law than is possible to be achieved by the peace officers of the State, with the manifold other duties of the last named in other directions, would hardly need to be argued. Their thorough familiarity with the law; their official and personal interest in its enforcement; the fact that the public expect them to correct all abuses of the law and thus the more freely communicate to them instances of its violation; the power of revocation of certificates when held by men who abuse the trust imposed in them; these and many other considerations render the Commissioners most useful assistants to you in securing evidence and bringing about convictions of pharmacists violating the law and of persons who are not pharmacists and yet engaging in a business fraught with so much danger in the hands of unskillful men. Then, again, there are portions of the State where local influences make it difficult to secure an enforcement of the prohibitory law when abused by pharmacists, or of the pharmacy law itself. In such instances counsel can be furnished by the Commission from other portions of the State who will be untrammelled by business or social considerations. It will also happen that a multitude of other duties, private and official, may render it agreeable for you to have the aid of special counsel in the preparation and trial of this class of cases, who will relieve you of a large portion of your labor. Such counsel will be gladly furnished by the Commission and the entire expense paid out of their twenty-five per cent of the fine, if they are permitted to have it. Many cases have been brought by the Commission and successfully prosecuted, and are still being brought, which would have escaped the attention of the public prosecutor, or which would



have so occupied his time as to interfere with his other and perhaps more pressing duties.

In all of these cases where the fines are paid, seventy-five per cent goes to the school fund of your county without any trouble or bother to you, and from a class of cases many of which might not have been otherwise brought to public attention.

I frankly submit to your consideration whether your county will not realize more by allowing the Commissioners twenty-five per cent of all fines collected in cases against registered pharmacists violating the prohibitory law and persons registered, or not, violating the pharmacy law, nine-tenths of which cases will be instituted and prosecuted by the Commissioners without trouble or annoyance to you, than it will if you tie the hands of the Commission and compel them to withdraw from the field by depriving them of the only possible means of defraying their expenses. You probably do not need to be assured that the Commissioners are deeply in earnest in seeking to bring about a most rigid enforcement of all laws affecting the class of business intrusted to their supervision. Until the passage of this act of 1886, they were wholly without funds to conduct criminal prosecutions. That act, while greatly increasing the duties of the Commissioners, endeavored to provide a fund for defraying the expenses incident to their proper discharge. Since its passage they feel they have accomplished some good to the people of the State, and I trust you will do all in your power to aid them in their endeavors by seeing to it that they receive the percentage of fines prescribed by that act, testing the question of its constitutionality, if you have any question, as is being done in certain localities, in the class of cases arising under what is known as the "informer clause" of the prohibitory law.

I should be glad to receive an expression of your views upon the points suggested, and hope for your co-operation.

Respectfully yours,

GEO. F. HENRY,

*Attorney for Commissioners of Pharmacy.*

DES MOINES, January 27, 1887.

To the Honorable Commissioners of Pharmacy of the State of Iowa:

GENTLEMEN—You have requested my opinion upon the following state of facts, viz.: Certain cases have been determined in the district court of the State of Iowa, in and for Clarke county, in which convictions were had and fines were imposed, on the 19th day of November, 1886, upon pleas of guilty under indictments for violations of the prohibitory liquor law of the State. The indictments were found and returned before the passage of chapter 83, laws of 1886. The defendants were registered pharmacists. The question you suggest is, whether, in the cases stated, the indictments being found before the passage of the law referred to, but the convictions being had and the fines being imposed after its passage, the following provision of said chapter 83 has any application, viz.: "Twenty-five per cent of all

moneys received as fines under the provisions of this act shall be paid into the State treasury and reported to the State Auditor and held subject to the order of the Commissioners of Pharmacy as needed, to be by them used solely to defray the expenses of prosecutions under, and the enforcement of this act or acts to which this is amendatory."

I think it is important to observe that the foregoing language is a part of section 2 of said chapter 83, and that the entire section is a substitute for section 8, of chapter 76, of the laws of 1880. In this view, the words "provisions of this act," have regard to the entire act, and not alone said section 8.

The power to distribute the moneys received as fines being vested in the legislature, by section 4, Article XII, of the Constitution, in my opinion the question of the proper distribution to be made of a particular fine is determined by the law in force at the time such distribution is to be made, without reference to the state of the law in this respect at the time of the conviction or of the finding of the particular indictment. A law changing such distribution has none of the characteristics of an *ex post facto* law.

At the time of the finding of the indictments in the cases in question, section 8 of the pharmacy act (chapter 76, laws of 1886) provided in substance the same as the present section 8, in not relieving or excepting registered pharmacists from the utmost rigor of the law relating to the sale of intoxicating liquors.

But for these exceptions or provisions, it might have been successfully contended that registered pharmacists were not amenable to the penalties prescribed in the "prohibitory liquor law," and therefore all moneys received as fines imposed upon registered pharmacists may be said to be "moneys received as fines under the provisions of this act."

The moneys received as fines in the cases referred to, in the district court of Clarke county, being received after the passage of said chapter 83, of the laws of 1886, and the fines being assessed and judgments therefor entered after such passage, I am clearly of the opinion that twenty-five per cent of each fine in question should be paid into the State treasury for the use of your body, as directed by law.

As directed by you, I will submit this opinion to the Honorable Attorney-General for his report thereon.

Respectfully yours,

GEO. F. HENRY.

OFFICE OF ATTORNEY-GENERAL. }  
DES MOINES, IOWA, January 31, 1887. }

I concur in the conclusion of Mr. Henry, as stated in the foregoing opinion. I may add as further reasons for such conclusion that the object of the law, the evil designed to be remedied by the amendatory section 8, largely influences my mind. The law as it was heretofore on the statute book had been a dead letter, because no person cared to incur the expense attending its enforcement. This amendment was designed to correct this, and there is no reason why it should not apply to all cases arising either before or



after the enactment of the amendment, as there is nothing in its provisions in the nature of an *ex post facto* law.

Respectfully,

A. J. BAKER,  
Attorney-General.

As this question (State vs. Noel) is now before the Supreme Court, and is likely to be of legislative importance whichever way it may be decided, we submit argument of our attorneys, and also refer to sections 3370 and 3371 of the code.

STATE OF IOWA, APPELLANT, VS. O. A. NOEL.

*Appeal from Clarke County District Court.*

# I.

The state of facts sufficiently appear in the abstract. The defendant, O. A. Noel, was a registered pharmacist, having a permit from the board of supervisors of his county to sell intoxicating liquors, granted to him under chapter 83, of the laws of the Twenty-first General Assembly. This permit authorizes him to sell liquor, under certain restrictions, as a medicine. He was indicted for a violation of his duties and privileges as a registered pharmacist; and convicted. After the conviction, the court ordered that the clerk of the said district court pay to the Treasurer of State twenty-five per cent of the fine assessed, for the benefit of the Commissioners of Pharmacy. The object of this appeal is to reverse this order of the district court.

Section 8, chapter 75, of the acts of the Eighteenth General Assembly, as amended by chapter 83 of the acts of the Twenty-first General Assembly, says: "Twenty-five per cent of all moneys recovered as fines under the provisions of this act shall be paid into the State treasury, and reported to the State Auditor, and held subject to the order of the Commissioners of Pharmacy as needed, to be by them used solely to defray the expenses of the prosecutions, under, and the enforcement of this act or acts to which this is amendatory." The appellant has filed no argument in this case, as yet, and we are at a loss to know just what position he takes; but the appellee is desirous that this question should be fully settled and discusses the two only questions that could possibly arise.

First, as to the constitutionality of the act. Second, as to whether the act applies to a case of this kind.

Section 4, division 2, article 9, of the Constitution of the State provides as follows: "The money which may have been or shall be paid by persons as an equivalent from exemption from military duty, and the *clear proceeds* of all fines collected in the several counties for any breach of the penal laws, shall be exclusively applied in the several counties in which the money is paid, or the fine collected, among the several school districts of said counties, in proportion to the number of youths subject to enumeration in such

districts, to the support of common schools, or to the establishment of libraries, as the board of education shall from time to time provide."

Section 4, article 12, provides as follows: "All fines, penalties, or forfeitures due, or to become due, or accruing to the State, or to any county therein, or to the school fund, shall inure to the State, county, or school fund, in the manner prescribed by law."

These are the only sections in the Constitution which provide for any disposition of fines and penalties collected, from which any possible claim could be made that the statute under discussion is unconstitutional. The court will observe that the section first quoted provides two funds from which money shall be paid to the school fund: One is the money paid by persons as an equivalent from exemption from military duty; and the other is the "clear proceeds" of fines collected, as the fine in the case at bar.

There is a clear distinction in the phraseology by which the two funds are provided for. The first provides that *all money* paid for exemption from military duty shall go to the school fund. The second simply provides that the *clear proceeds* of the fines collected shall go to the school fund. The distinction is too clear for extended argument. If the words "clear proceeds" mean anything, they must mean the proceeds left after the expense of collection and other disposition of the funds made by the Legislature is deducted.

The twenty-five per cent is paid to the State Treasurer for the use of the Commissioners of Pharmacy, as the statute says, "solely to defray the expenses of prosecutions under and the enforcement of this act or acts to which this is amendatory." It is the amount paid for the expenses for the enforcement of the law and the assessment and collection of the fines, by which alone the law can be made effectual. The other seventy-five per cent would be the "clear proceeds," which would go to the school fund.

This construction is supported by the second constitutional provision above quoted, which expressly recognizes a legislative power of distribution of fines, in the use of the words, "shall inure \* \* \* in the manner prescribed by law."

The force and meaning of the language, "clear proceeds," for which we contend and which the court below recognized, is not without support in the decisions of the courts of last resort. *Lynch v. The Steamer Economy*, 27 Wis., page 69, was an action to recover a penalty under a law of that State with respect to running steam propellers. One section of that law provided that if any boat was propelled by steam contrary to the provisions of another section, the owner should be liable to pay a penalty of \$200, one-half for the use of the county within which the offense was committed and one-half for the use of the complainant. The court holds that the provision giving one-half to the county is invalid for the reason that the Constitution devotes the *clear proceeds* of all fines collected for a breach of any penal statute to the school fund; but they expressly hold the remaining portions of the law, which gave one-half of the fine or penalty to the informer, to be valid, thus recognizing that an appropriation to an informer, or what is



synonymous, an appropriation for the purpose of securing an enforcement of the law, is not an appropriation of part of the *clear proceeds*.

In *Dutton v. Fowler*, in the same volume, p. 427, the same court, in passing upon a law which declared that if the owner of sheep infected with "foot rot" shall permit them to be driven along any public road, he shall forfeit a certain sum, the whole of which may be recovered by the person who shall enter complaint, etc., hold that the provision, giving the *entire penalty* to the person making the complaint is invalid, because in violation of the Constitutional provision referred to in the former case. Whether the law could be sustained if a part only of the penalty had been given to the informer and the remainder to the school fund, the court say cannot arise upon the law in question, for there the entire penalty was given to the informer; consequently there were no "clear proceeds" for the school fund.

Referring to the former case they say it was assumed there rather than decided that the words "clear proceeds" did leave the legislature some discretion in the matter, and adds: "It might well be that the legislature could give the prosecutor a part of the penalty as a pecuniary inducement to bring an action, while a part should be reserved for the use of the school fund."

*A., T. & S. R. R. Co. v. The State*, 22 Kansas, 1, was an action by a relator to recover of the plaintiff in error certain penalties for a failure to ring a bell or sound a whistle at a street crossing, brought under the provisions of a statute of the State of Kansas, clearly authorizing such action. The court holds that the penalties sued for are "fines," so that the action comes under the operation of a provision of the constitution of the State, which is in the following language:

"Sec. 6 All money which shall be paid by persons as an equivalent for exemption from military duty, the clear proceeds of estrays, ownership of which shall vest in the taker-up; and the proceeds of fines for any breach of the penal laws, shall be exclusively applied in the several counties in which the money is paid or fines collected, to the support of the common schools." The opinion on page 14, points out (as does the provision itself above quoted) the distinction between "proceeds" as follows: "The 'proceeds of fines' means of course the money collected from fines, the amounts realized from fines, and just such amounts, no more and no less. The 'proceeds of fines' evidently mean all the proceeds, not merely the clear proceeds; not a portion thereof, but all. While the constitution in one clause of said section six provides that only 'the clear proceeds of estrays' shall be devoted to schools, yet it, in the clause we are now considering, provides that 'the proceeds of fines' shall be so devoted, and it provides that they shall be 'exclusively' so devoted, thereby leaving no possible room for any portion to be applied elsewhere, or for any other purposes, or for any mere informer to receive any portion thereof." The italics appear in the opinion.

While this court must look at the question now presented purely as one of the proper meaning and construction of the language of the constitution, it is not improper to refer briefly to the means of support afforded the Commis-

sioners of Pharmacy by the existing statutes, so that unless there be a clear violation of the constitution, they shall not be deprived of the pittance afforded by the law in question. It has been the policy of the legislature, from the very creation of the Commission, in 1880, to make it self-supporting. No appropriation has ever been made for its maintenance; the expenses of the members, clerk hire, office expenses, etc., have been paid by the registration and other fees required by the act. When the amendment of 1886 gave to registered pharmacists the exclusive right to sell intoxicating liquors for medicinal use, and expressly provided that such pharmacists should be subject to the utmost rigors of the law relating to such liquors, there was also created a fund to enable the Commissioners to execute the law by the insertion of the provision in question. It was obvious that violations of the law by those persons over whom they were given a certain supervision, would be discovered by them more readily than by the general peace officers of the State, and that they, of all persons or officers in the State, were most interested in a rigid enforcement of all the provisions of the law, from the very nature of their official duties. It was equally clear that their efforts would be futile without means with which to pay the legitimate expenses connected with an enforcement of the law, and for this reason the twenty-five per cent fund, as it has been termed, was created. The Legislature had in mind, as did the framers of the constitution, the practice existing from time immemorial, as expressed in the *qui tam* action mentioned by Blackstone, the wisdom of which is manifest in its universal acceptance, and has appropriated twenty-five per cent of all fines collected from registered pharmacists for violations of the pharmacy act or the prohibitory liquor law, for the use and benefit of the Commissioners of Pharmacy, to be used by them solely to defray the expenses of prosecutions instituted by them, leaving the *clear proceeds*, or seventy-five per cent to go into the school fund.

We think nothing further need be added upon this point.

## II.

Now, as to the other question, as to whether the statute applies to a case of indictment of a druggist. We do not understand that the appellant makes any objection on this ground, and we do not see how any could rightly be made. This clause is found in section 2 of chapter 83 of the acts of the Twenty-first General Assembly, as a part of a very elaborate substitute for section 8, chapter 75, laws of 1880; and it refers to moneys recovered as fines under the provisions of this act. Now "this act" either means chapter 83 only, of the Twenty-first General Assembly, or it refers to fines recovered for the violation of the provisions of this act, although the fines may be provided for in another section of the Code.

But it cannot be confined strictly to chapter 83 for the reason that chapter 83 does not provide for any penalties, and to say that it is confined to chapter 83 is to simply say that this provision of the law means nothing, and that could not have been the intention of the Legislature. But this chapter



83 provides the circumstances under which the registered pharmacist may sell intoxicating liquors. This statute provides: "That nothing herein contained shall be so construed as to shield the person, who, in any wise, abuses his trust, for the legitimate and actual necessities of medicine only, from the utmost rigors of the law, now or hereafter in force relating to intoxicating liquors." Thus providing in effect that the penalties for the violations of the provisions of chapter 83 should be the penalties prescribed under the general prohibitory law, under which this defendant was convicted.

Except for the clause last above quoted, it might be successfully contended that registered pharmacists were not amenable to the penalties prescribed in the "prohibitory liquor law."

Without this clause section 8 would be a statute without penalties, and would provide no method of punishment for the violation of its provisions by registered pharmacists.

Instead of enacting penalties in express terms, the Legislature adopted the penalties of the "prohibitory liquor law," by making the druggists violating section 8 by a sale of liquor for any other purpose than that of the "legitimate and actual necessities of medicine only," amenable to the "utmost rigors of the law, now or hereafter in force relating to the sale of intoxicating liquors." The Legislature were evidently of the opinion that the penalties prescribed in the "prohibitory liquor law" were appropriate and ample for the punishment of a druggist violating his trust, and the adoption of a new and distinct set of penalties in section 8 would have simply served to complicate the already somewhat elaborate legislation on the subject of the illegal sale of intoxicating liquors.

We confidently submit that the action of the lower court with respect to the fine in question should be affirmed.

### III.

Since the foregoing argument was completed we have been served with a copy of the argument of appellant's counsel, Hon. C. C. McIntire. Contrary to our expectation, counsel contends that the order of the court below should be reversed because, conceding that section 2, of chapter 83, acts of the Twenty-first General Assembly, is constitutional, the section in question does not apply to the present case. His position is that the language "under the provisions of this act, etc.," limits the right of the Commissioners of Pharmacy to twenty-five per cent of all moneys recovered as fines for violations of the pharmacy law by registered pharmacists, as distinguished from violations of the prohibitory laws. That the indictment in the present case being for "keeping a nuisance," as defined by the prohibitory laws, the case is not one in which the fine is collected under the provisions of said section 2, of chapter 83, notwithstanding the defendant is a registered pharmacist.

In addition to what we have already said upon this branch of the case, let us briefly consider the legislative intention in using the words in question.

By the adoption of said section 2, chapter 83, acts Twenty-first General Assembly, registered pharmacists were entrusted with a new and exceedingly important branch of business, viz.: the exclusive right to sell intoxicating liquor for medicinal purposes. Careful and elaborate restrictions are imposed in connection with this right; all the safeguards then occurring to the legislative mind are inserted in this same section, with a view to protect the public from all possible temptations, known to be many and varied, to abuse the trust therein conferred upon the pharmacists of the State; nothing therein was to shield the person violating such trust from the utmost rigors of the law relating to intoxicating liquors; no express penalties, in the way of fines, are imposed for violations of any of the many provisions of said section; a body has previously been created—the Commissioners of Pharmacy—whose duty it is made to see to it that all provisions of the law relating to registered pharmacists are strictly followed, and *all* violations punished, so far as possible; a fund is to be created to enable these Commissioners to defray the expenses of prosecutions under this very law, giving registered pharmacists their only right to sell intoxicating liquors, —with all these considerations in mind the appellant's counsel would have your honors decide that the fines collected under the provisions of that very act are limited to cases against registered pharmacists for selling drugs or poisons improperly, and that it was not intended they should include cases against registered pharmacists for the illegal sale of liquors or other violations of the law relating to intoxicating liquors.

Counsel says on page 3: "The prosecution in this cause was not *under* this act or any act to which this act is amendatory; this being true, the court had no authority to make this order."

We confidently submit that the very opposite of this proposition is true. The prosecution in this cause was under this act, because, were it not for this act, the prosecution must have failed. The defendant, being a registered pharmacist, having the right to sell intoxicating liquors, subject only to such rules and regulations as were established by the Commissioners of Pharmacy, could not have been indicted under section 4, chapter 66, acts of the Twenty-first General Assembly, for keeping a nuisance, but for the provisions of this very act expressly making him subject to the "utmost rigors of the law relating to intoxicating liquors." Should your honors accept the narrow view contended for by appellant's counsel, you will charge the last General Assembly with the most absurd piece of legislation in the statutes of the State.

### IV.

With respect to the constitutionality of what is called the twenty-five per cent clause in question, appellant's counsel has unintentionally misquoted the provision of the Constitution, on page 4. He has printed it just as it would have been written had it been intended to make no distinction between a fine and the "clear proceeds" of a fine; that is, he has left out the very distinguishing words themselves, and it appears as it would have appeared in the Constitution, if appellant's theory is correct, viz: "*All fines*



collected in the several counties, etc." He has correctly apprehended our position, and he would convict the framers of the Kansas Constitution and the Supreme Courts of Kansas and Wisconsin of the grossest ignorance in distinguishing between the "proceeds" of a fine and the "clear proceeds of a fine;" that they saw the distinction overlooked by the learned counsel, clearly appears in what we have already said on this branch of the cause. He seems also to consider the income from fines as the bulwark of our common school system, and seems abundant reason to fear the overthrow of that system should your honors recognize the well established principle evidently in the minds of the framers of our Constitution, enabling the legislature, as the representative of the sovereignty of the people, to appropriate a given portion of any fine for the benefit of an informer, "as a pecuniary inducement to bring an action!" But counsel seems also to contend, that even if part of a fine can be appropriated for the benefit of an informer, yet the present case does not come within this principle, because here the money is to be used "in the future, in paying of court expenses, attorneys' fees and other expenses, in aid of the Commissioners of Pharmacy, in prosecutions of its own (!) statute." Surely, counsel has conceived a distinction without substantial difference. The theory of all informer statutes or *qui tam* actions is, as already stated, that the money received shall be an inducement to bring the action, and here the money received is to be used to defray the expenses of the action already brought or of other actions looking to an enforcement of the statutes of the State and for no other purpose.

We can hardly believe the learned counsel is serious in this branch of his argument, and we cannot believe this court will deprive the Commissioners of Pharmacy of the only means at their command which can be used to aid in securing an enforcement of the laws of the State applicable to registered pharmacists, except upon well founded and indisputable principles.

All of which is respectfully submitted.

R. L. PARRISH,  
GEO. F. HENRY,  
*For the Appellee.*

Notwithstanding the successful labors of this Commission as partially indicated by this report, many citizens who do not understand the power of the law or its benefits, or who believed it was based upon selfish interests, are still disposed to criticise it from local standpoints where various influences, juries, courts, et al. have been indisposed to favor enforcement, thus indicating that restrictive laws will always be contested until all parties adopt their fundamental principles.

A recent statement, "the drug store saloons are doomed; that was the most emphatic decision of the late election," is eight years behind the times. Such subterfuges were "doomed" when the pharmacy law was passed in 1880.

If the writer will examine the abstract appended to this and preceding reports, he will find that the conductors of a great number of places as alluded to, have been hung on the outer walls of Iowa drug stores. With a full load of such free expressions it is sustaining to have a prominent paper conclude an editorial as follows: "And yet there are men in editorial chairs and on the streets, who, because some short sighted or avaricious druggist here and there, has violated the law and yet continues to sell liquor undisturbed, are willing to swear the pharmacy law is a humbug, and a thousand times worse than the old law licensing the sale of inebriation in the saloons! Give the pharmacy law a fair and thorough trial."

In this connection we quote the concluding paragraph of a published letter of Senator Clark: "For one, I am willing to help, but I want you croakers to do the same and the sales will be largely diminished. Another thing, give the Board of Pharmacy a chance to aid you. The Board is composed of honorable gentlemen, as I believe, and I think they are trying to elevate an honorable business and prevent the sales of intoxicants as a beverage, and I personally know that much good work has been done by them in this line. Write to them and name to them the men who are violating the law and let them revoke their certificate, and drive them in disgrace from the profession as they have already done in some cases. I write this much for the benefit of the friends of temperance and in vindication of members of the Assembly against some very mean things said about those who voted for the pharmacy law. For myself, I am used to censure. I don't think any good healthy growth can be made without it. If this law is not the best thing for us, let us fight as hard as we can for enforcement and then in another year improve it."

There is a case now pending in the Supreme Court, S. W. W. Straight and H. G. Weber, appellants, vs. the Commissioners of Pharmacy; the appeal is taken from the judgment of the district court of Polk county, dissolving a writ of *certiorari* confirming the action of this Board in revoking the certificates of registration authorizing appellants to practice pharmacy in the State of Iowa. The proceedings for revocation were commenced under regulation No. 20, and at first impeded by an injunction by Judge McHenry, which was dissolved by Judge Conrad. Since this appeal the Board have suspended proceedings under this regulation until it is decided by the Supreme Court.

The Board have acted upon 720 forfeitures as provided by chapter



137, laws of 1882, and their action has been sustained by the Supreme Court as shown by the following decision filed October 15, 1887:

SUPREME COURT OF IOWA. OCTOBER 15, 1887.

BRANIFF V. WEAVER ET AL., Com'rs, etc.

DRUGGISTS AND PHARMACIST—LICENSE—REMOVAL—EXAMINATION.

Section 1, chapter 137, acts Nineteenth General Assembly, Iowa, provides that druggists and pharmacists who were registered without examination forfeit their registration when they have voluntarily sold, parted, or severed their connection with the drug business for two years at the place designated in their certificate of registration, and can only be registered by examination under section 5 of said chapter. *Held*, that a druggist registered in Dallas county, removing to Des Moines, must submit to an examination two years after his change, upon which alone a certificate can issue.

*Appeal from district court, Polk county; MARCUS KAVANAUGH, Judge.*

*Mandamus* to compel defendant to issue to plaintiff, who is a pharmacist, a renewal of permit to practice pharmacy. A demurrer to the petition was sustained by the court below. Plaintiff appeals.

John A. McCall, for appellant.

George F. Henry, for appellee.

BECK, J.—1. The petition shows that in 1880 plaintiff was a druggist doing business in Dallas county, and in that year he was duly registered by the board of pharmacy without examination, having been a druggist when the pharmacy statute took effect, and a certificate thereof was issued to him. In 1884 he notified the commission of his change of place of business to Des Moines. The change was noted in the records of the commission, and a certificate thereof was duly given him, whereupon he removed to Des Moines. He received renewals of his certificate for two years following 1884, but the board declined to issue such certificate for the year 1887. He asks that a writ of *mandamus* may be issued requiring the commissioners to issue the certificate. A demurrer to the petition, on the ground that the plaintiff is entitled to no relief upon the facts alleged in his petition, was sustained.

2. Chapter 137, section 1, acts Nineteenth General Assembly, which was in force when plaintiff changed his business to Des Moines, provided that "druggists and pharmacists who were registered without examination forfeit their registration when they have voluntarily sold, parted, or severed their connection with the drug business for a period of two years at the place designated in the certificate of registration. Should such party who has thus forfeited his registration wish to engage in the practice of pharmacy, he is required to be registered by examination as per section five." The provisions of this statute are too plain to admit of doubt as to its meaning. It requires plaintiff to submit to an examination two years after his change,

upon which alone a certificate of registration may be issued. The reason or the policy of the statute is no concern of this court, as its meaning and construction are obvious. The petition does not show that plaintiff submitted, or offered to submit, to an examination. He therefore fails to show that he is entitled to the relief which he asks in his petition.

The demurrer was rightly sustained by the court below.

AFFIRMED.

If the Washington press dispatches are correct that the United States Supreme Court have decided that each State may regulate the sale within its jurisdiction of imported liquors as well as domestic liquors, it behooves this State to cut off the provisions of section 1524, of the code, as such exceptions are not necessary to preserve the constitutionality of the statute. Then such parties, located in this State who are sending out circulars to the people to sell such liquors in open defiance of existing laws and regulations, will close up, and if the authority to regulate the shipment of liquors into the State is properly vested and properly supported, it will only be a question of time for energetic officers to prevent or defeat such bold infractions of the law as now practiced by *dealers in other States* shipping into this State under the various covers or arts of the smuggler, while it can not be claimed that this can ever be fully accomplished and must be admitted it will be no easy task, it certainly must be attempted, and followed up with more force than existing statutes will warrant, to obtain anything approximating to a perfect restriction of the sale of intoxicating liquors. In saying this we are not unmindful of the fact that Iowa to-day, so far, has the best law on this important branch of the main question, but it needs better means for applying it to its purposes—in comparison it would be well to consider the prohibition law of Kansas, which is notably deficient in this particular. The liquor section of the Kansas pharmacy law is a verbatim copy of our original section eight, and it is somewhat proverbial that this section the precise language of which was coined in Iowa should now meet with the praises of certain Iowans, who, when it was in force in this State, did all in their power to secure its repeal.

Before concluding our report upon this most perplexing question we refer to the first case on record for prosecuting a liquor purchaser for false statements by submitting the following, and recommending that section 1559 of the Code, under which this prosecution was made, be applied by other registered pharmacists who are thus imposed upon :



DR. E. H. KING, *Registered Pharmacist, West Liberty, Iowa:*

DEAR SIR—I congratulate you on the successful prosecution of party making false statement to obtain intoxicating liquor from you. Some five or six years ago I publicly declared that no one had ever prosecuted a party for obtaining liquor under false oral statements made to permit dealers, notwithstanding the monthly reports on file in every court house in the State were teeming with lies. Inasmuch as the new pharmaco-liquor law provides that the sales for medicine only shall be under the regulation of the Commissioners of Pharmacy, official form "E," by which every applicant makes a *written statement* that he is not a minor nor in the habit of becoming intoxicated, and that he applies for certain specified quantities and kinds of liquor for the actual necessities of medicine. It is an easy matter for a registered pharmacist to show his good faith by promptly prosecuting parties who practice such impositions.

Your truly,

GEO. H. SCHAFER,  
*Commissioner of Pharmacy.*

#### EXAMINATIONS.

We have frequent inquiries in regard to the character of our examinations. In order to make a comprehensive reply to such inquiries we subjoin a letter written to a commissioner of another State that gives a general idea of the character of our examinations: we attribute the general satisfaction with which our examinations are received largely to the principles upon which our examinations are conducted.

\* \* \* "Much has been said or written upon what may be termed a proper standard by pharmaceutical examining boards, but the greatest difficulties in arriving at an average standard is, that none of our pharmacy laws make any distinction in the value of certificates of competency of high, mediocre or low qualification. It therefore becomes the duty especially of a State Board of Examiners to consider the present requirements and by gradually raising their standard, bring all up to one average of competency throughout the State. The inequality of this as in favor of the city pharmacists and against the country pharmacists should to a certain extent be controlled by the board, always bearing in mind that too much laxity in the requirements from country pharmacists would work an injustice to the city pharmacists, as the certificates of either are equal in law and good in all parts of the State, you may often wish the law gave you the authority to issue modified certificates for small places or until such time when by study and experience the possessor of

such certificate could obtain a first-class certificate of competency, good in all parts of the State, but it is still a question whether the welfare of the greatest number of people is not best subserved by State Boards requiring of its licentiates by examination a *certain minimum standard of proficiency throughout the State*, this can be gradually raised by the board to meet the natural progress of pharmacists, which is sure to follow a well enforced pharmacy law, you will be surprised what an impetus it will give to the study of pharmaceutical works of all kinds, and I believe this indirect effect is one of the greatest benefits of pharmacy laws, but to have the *full benefit* of this lively research of pharmaceutical literature it will not do for pharmacy boards to conduct official examinations like college examinations or like England's system of *public* examinations for which candidates can make *special* preparation; a candidate for examination should have no means of knowing what questions will be propounded to him and the examiners should not be limited in their questions to subjects taught by any college; the requirements of the State are: Is the candidate competent to assume the duties of a legally authorized pharmacist as contemplated by the laws. This cannot be determined alone by a pass examination of any set questions but in the present State of pharmacy legislation in this country the best that can be done is for official examiners to adopt the most *practical* methods of inquiry to ascertain the candidate's general knowledge and experience for the duties he assumes to be qualified for. City boards can better facilitate such examinations than those who have jurisdiction over a large State where time, traveling and hotel expenses of candidates must be considered, to in a measure mitigate same and secure prompt compliance with the law." Our Board holds examinations on the first and third Tuesday of each month at the residence of the Commissioners and at the State capitol. Our Board still adhere to the general principles governing their examinations *i. e.:*

*First.* By strictly confining all board questions and examiners' answers to the parties concerned.

*Second.* Written examinations within five consecutive hours, supplemented if desired by oral examination and verified by deposition on blank schedules furnished by the Board. These schedules, of which we have many series, are under the strict surveillance of each examiner and contains the questions with space for answers. The questions and prescriptions submitted for criticism are such as would



likely come up in the daily requirements of practical pharmacists; and the more practical and less theoretical you can make them the more satisfactory will be your examinations.

*Third.* All examination papers to pass estimate and judgment of each Commissioner, under a thorough check system, and be preserved in the archives of the Board as evidence, should same be required to show cause for registration or rejection, which is determined under our law by a majority of the Board; the minority member, however, need not sign the certificate if he does not approve. The majority thus assumes the whole responsibility of their authority, and this results in most cases to a unanimous approval or unanimous rejection.

#### REFERRING TO REGULATIONS.

On another page we find those relating to the keeping and selling of poisons as meeting with gradual acceptance on the part of those who are to yield compliance thereto; the ones governing the sale of paris green and other vermicides exciting the least opposition, and the one on concentrated lye and potash, causing the issuance by wholesale grocers of Dubuque of a printed communication to this Board in pamphlet form, which was mailed to the retail trade of the State, the reply to which may be found on a subsequent page. The poison register, official form 6, first biennial report, will answer every requirement of the law for registered pharmacists' sales, by striking out the word "liquor" in the third caption, now otherwise provided for by official form "E." These poison registers must be dated, day and year, and signed by the dispenser—not by initials or ditto marks, as the latter cannot be identified by the courts.

Regulation No. 15, caution signals for poison containers, is meeting with special approbation, and is being adopted in other States, and will be more generally complied with as an official regulation if this Board is furnished sufficient of this report to send one to each registered pharmacist in the State. We would call particular attention to regulations numbers 16, 17, 18, 19 and official forms, and in connection therewith refer to one difficulty—that of some county auditors charging fees for shipping permits; some pharmacists holding that the auditor of a county is a salaried officer and is required to issue shipping permits without fee. Referring to form "C," pharmacists' permit, it is claimed by some county attorneys that they must be renewed annually, whereas this Board holds that they are good in the township, town or ward for which the permit is issued, so long as certifi-

ates of registration are in full force and effect in such town. This seems to them not only warranted by the statute, but it seems wholly unnecessary that such renewal be required when the permit itself is a mere piece of supplementary machinery that could be dispensed with, without loss to the spirit of the law and tend to simplify one of its complex features that has no virtue beyond that of requiring six months lawful conduct of a pharmacy as a precedent to obtaining such permit, and this requirement can just as well be made to apply to every registered pharmacist changing his locality. This question is now before the Supreme Court.

#### IN THE SUPREME COURT—OCTOBER TERM, 1887.

THE STATE OF IOWA v. J. F. CLOUGHLY, *Appellant*.

*Appeal from Audubon District Court—Hon. H. E. Deemer, Judge.*

The defendant was convicted of the crime of nuisance by the verdict of a jury, and the court pronounced sentence, imposing upon him a fine of five hundred dollars.

JNO. M. GRIGGS and THEO. F. MYERS, *for Appellant*.

A. J. BAKER, *Attorney-General, for the State*.

REED, *Judge*:

It is charged in the indictment that defendant kept a building and place, in which he kept intoxicating liquors with intent to sell the same contrary to law, and in which he sold such liquors contrary to law. The indictment was returned on the 27th day of August, 1886, and it alleged that the offense was committed on the 1st day of that month. The defendant is the proprietor of a drug store. He is also a registered pharmacist. And on the 9th day of June, 1886, the board of supervisors of the county issued to him a permit to buy and sell intoxicating liquors for the actual "necessities of medicine."

*First.* It is first insisted that the verdict is not supported by the evidence. There was evidence, however, which tended to prove at least one sale of whisky in defendant's drug store before the date of this permit. It is true that the sale was not made by defendant in person, but the jury might well have found that it was made from his stock, and by a clerk in his employ. At that time defendant had no authority to sell liquor for any purpose. The sale was unlawful and the jury might have found from the evidence that it was made by the clerk in the ordinary course of his employment. There was also evidence which tended to prove numerous sales after the permit was granted, some of which the jury might have found was not for "the actual necessities of medicine." It was proven that on one occasion a person applied to defendant to purchase a bottle of beer, and that defendant



sold and delivered to him a bottle of liquor which had the appearance of beer. The customer who was examined as a witness in the trial was not able to testify with certainty that the liquor in the bottle was beer. It is insisted that there was not sufficient evidence either as to the kind of liquor sold or that it was intoxicating.

As the defendant, by delivering it to the customer in answer to his request for beer, represented it to be that kind of liquor, the presumption, as against him, is that it was beer, and the statute classes beer as an intoxicating liquor, chapter 8, acts Twentieth General Assembly.

If there are kinds of beer not in fact intoxicating, the burthen was on defendant to show that the beer in question was of that kind, if he claimed such to be the fact. It is clear that we ought not to disturb the judgment on this ground.

*Second* Defendant offered to prove that he is a practicing physician, and that he was engaged in the general practice of his profession at the time of the transaction in question. His counsel stated when this offer was made, that he would follow it with proof, that the sales in question were made by him in the course of his practice as a physician. But the evidence was excluded. It may be conceded for the purpose of the case, that a physician who, in the course of his practice, should find that his patient required intoxicating liquors, might lawfully dispense such liquors to him. That, however, does not appear to have been the character of the transactions in question. The liquors were dispensed, not upon the judgment of the physician as to the needs of his patients, but upon the demands of the customers. That is, they did not apply to defendant for medical treatment for their diseases, and leave it to him to determine what remedies should be administered, but determined for themselves that whisky or beer was the proper remedy for their maladies, and applied to him to supply it, the transactions on his part was commercial rather than professional.

*Third.* The District Court instructed the jury that on proof of the sale of intoxicating liquor in defendant's place of business the burthen would be on him to prove that the sales were lawful. The instruction is right. The sale of intoxicating liquors generally is forbidden by the statute. It permits the sale, however, for special purposes by persons holding permits to sell for these purposes. The privilege of selling for those purposes is in the nature of an exception, prohibition being the rule of the statute. Defendant claims that his sales were within the exception, and the burthen is on him to prove that fact. 1 Greenleaf on Evidence, Sec. 79.

*Fourth.* The court also directed the jury that if it was proven that persons drank intoxicating liquors in defendant's pharmacy, that fact would be presumptive evidence that the liquors so drank had been unlawfully sold or given to the parties by defendant. It is expressly provided by chapter 83, acts of the Twenty-first General Assembly that the fact of drinking intoxicating liquor in the place of business of registered pharmacists shall be regarded as presumptive evidence of the unlawful sale of the liquors.

We have found no error in the record.

AFFIRMED.

Since writing the foregoing in relation to permits we have received Supreme Court decision there alluded to, namely, *State of Iowa vs. Henry Courtney*, filed Dec. 20, 1887. The following is a syllabus of the decision:

# I.

Chapter 83, laws of 1886, contain all the provision of law relating to registered pharmacists in what they must do to obtain a permit from board of supervisors.

# II.

Said chapter repeals by implication, so far as they relate to registered pharmacists, the provisions of the Code on this subject.

# III.

*Held:* That a registered pharmacist is not required to give bond provided for by section 1528, Code, and in absence of any limitation as to time permit shall continue in chapter 83, laws 1886, he is not required to obtain a new permit from the board of supervisors each year, so long as his registration is in full force and effect for that township, town or ward.

This decision fully sustains this Board in their rulings and regulations in regard to permits for the sale of intoxicating liquors under chapter 83, laws of 1886.

We also publish in full, on page 31, Supreme Court decision, *State vs. J. F. Cloughly*, filed Dec. 21, 1887.

This decision decides some points that are of interest to registered pharmacists, among others, that the permit or privilege to sell intoxicating liquor for a lawful purpose is in the nature of an exception, prohibition being the rule of the statute. The defendant claimed that his sales were within the exception, but the court held that the burden was on defendant to prove that fact. Also that the fact of drinking intoxicating liquors upon the premises of a registered pharmacist would be presumptive evidence of unlawful sale.

# CORRESPONDENCE.

Necessary as it is for us to curtail correspondence and reduce same to a minimum by the issuance of official circulars and use of printed



office forms, etc., the total average for the year will exceed ten thousand communications by mail; a few replies of a general character may be found on another page of this report.

In conclusion to the foregoing we beg leave to call attention to tabulated statements, special reports, etc., following this general report, confining our specific recommendations only to the pharmacy law, as follows:

*First.* That section 2, of chapter 75, acts of the Eighteenth General Assembly, be amended by inserting after the words "of this" and before the word "section" in the sixth line of said section 2, the words "and the preceding."

*Second.* That section 3 of chapter 75, acts of the Eighteenth General Assembly, as amended by section 1, chapter 83, acts of the Twenty-first General Assembly, be amended by adding thereto the words "a copy of the records of the Commission or of any portion thereof, certified to by its Secretary, under seal of said Commission, shall be deemed lawful evidence in any court of this State."

*Third.* That section 4, chapter 75, acts of the Eighteenth General Assembly, be further amended by striking out the words "a duplicate of which is to be kept in the Secretary of State's office," in the second and third lines of the original section, for the reason that since the office of the Commission is in the State capitol, and the records and the original register is kept therein, it is no longer necessary to keep a duplicate register in the Secretary of State's office, besides saving of labor it prevents complication in certifying to records for the use of the courts.

Whatever legislation may be deemed necessary, it will appear to any good citizen or representative that the time has come when this law has demonstrated its usefulness and self-supporting basis upon which the State can turn over all moneys and fees received by the Commissioners into the general fund, and provide that the Commissioners be paid a salary commensurate with the duties of their office, which require a strict, constant and reliable supervision, by men of undoubted honor and ability.

Respectfully submitted,

GEO. H. SCHAFER,

JOHN H. PICKETT,

C. A. WEAVER,

*Commissioners of Pharmacy.*

*Attest: C. A. WEAVER, Secretary.*

## IOWA PHARMACY LAW.

### CHAPTER 75.

ACTS OF THE EIGHTEENTH GENERAL ASSEMBLY AS AMENDED BY CHAPTER 187, ACTS OF THE NINETEENTH GENERAL ASSEMBLY, AND CHAPTER 83, ACTS OF THE TWENTY-FIRST GENERAL ASSEMBLY, TO REGULATE SALE OF MEDICINES AND POISONS.

AN ACT to Regulate the Practice of Pharmacy, and the sale of Medicines and Poisons.

*Be it enacted by the General Assembly of the State of Iowa:*

SECTION 1. That from and after the passage of this act it shall be unlawful for any person, not a registered pharmacist within the meaning of this act, to conduct any pharmacy, drug store, apothecary shop or store for the purpose of retailing, compounding or dispensing medicines or poisons for medical use, except as hereinafter provided.

SEC. 2. That it shall be unlawful for the proprietor of any store or pharmacy to allow any person except a registered pharmacist to compound or dispense the prescriptions of physicians, or to retail or dispense poisons for medical use, except as an aid to, and under the supervision of, a registered pharmacist. Any person violating the provisions of this section shall be deemed guilty of a misdemeanor, and, on conviction thereof, shall be liable to a fine of not less than twenty-five dollars, nor more than one hundred dollars, for each and every such offense.

SEC. 3. The governor, with the advice of the executive council, shall appoint three persons from among the most competent pharmacists of the State, all of whom shall have been residents of the State for five years, and of at least five years' practical experience in their profession, who shall be known and styled as commissioners of pharmacy for the State of Iowa; one of whom shall hold his office for one year, one for two years, and the other for three years, and each until his successor shall be appointed and qualified; and each year thereafter another commissioner shall be so appointed for three years, and until a successor be appointed and qualified. If a vacancy occur in said commission, another shall be appointed, as aforesaid, to fill the unexpired term thereof. Said commissioners shall have power to make by-laws and all necessary regulations for the proper fulfillment of their duties under this act, without expense to the State. Except that the secretary of state is authorized to furnish said commissioners with stationery and



blanks necessary for their office. And said commissioners are authorized to administer oaths, and take and certify the acknowledgments of instruments in writing.

SEC. 4. The commissioners of pharmacy shall register in a suitable book, a duplicate of which is to be kept in the secretary of state's office, the names and places of residence of all persons to whom they issue certificates, and dates thereof. Druggists and pharmacists who were registered without examination forfeit their registration when they have voluntarily sold, parted with, or severed their connection with the drug business for a period of two years at the place designated in certificate of registration. Should such party who has thus forfeited his registration wish to re-engage in the practice of pharmacy, he is required to be registered by examination as per section 5. Every registered pharmacist who desires to continue his profession shall, on or before the 22d day of March of each year, pay to the commission of pharmacy the sum of one dollar, for which he shall receive a renewal of his certificate unless his name has been stricken from the register for violation of law. It shall be the duty of each registered pharmacist, before changing his locality as designated in his certificate of registration, to notify the secretary of the commission of pharmacy of his new place of business, and for recording the same and certification thereto the secretary shall be entitled to receive fifty cents for each certificate. It shall be the duty of every registered pharmacist to conspicuously post his certificate of registration in his place of business. Any person continuing in business, who shall fail or neglect to procure his annual renewal of registration, or who shall change his place of business without complying with this section, or who shall fail to conspicuously post his certificate of registration in his place of business, shall for each such offense be liable to a fine of ten dollars for each calendar month during which he is so delinquent.

SEC. 5. That the said commissioners of pharmacy shall, upon application, and at such time and place, and in such manner as they may determine, examine, either by a schedule of questions, to be answered and subscribed to under oath, or orally, each and every person who shall desire to conduct the business of selling at retail, compounding, or dispensing drugs, medicines or chemicals for medicinal use, or compounding or dispensing physicians' prescriptions as pharmacists, and if a majority of said commissioners shall be satisfied that said person is competent and fully qualified to conduct said business of compounding or dispensing drugs, medicines or chemicals for medicinal use, or to compound and dispense physicians' prescriptions, they shall enter the name of such person as a registered pharmacist in the book provided for in section 4 of this act; and that all graduates in pharmacy, having a diploma from an incorporated college or school of pharmacy that requires a practical experience in pharmacy of not less than four years before granting a diploma, shall be entitled to have their names registered as pharmacists by said commissioners of pharmacy without examination.

SEC. 6. That the commissioners of pharmacy shall be entitled to demand and receive from each person whom they register and furnish a certificate as a registered pharmacist, without examination, the sum of two dollars;

and from each and every person whom they examine orally, or whose answers to a schedule of questions are returned subscribed to under oath, the sum of five dollars, which shall be in full for all services. And in case the examination of said person shall prove defective and unsatisfactory, and his name not be registered, he shall be permitted to present himself for re-examination within any period not exceeding twelve months next thereafter, and no charge shall be made for such re-examination.

SEC. 7. Every registered pharmacist shall be held responsible for the quality of all drugs, chemicals and medicines he may sell or dispense, with the exception of those sold in the original packages of the manufacturer, and also those known as "patent medicines;" and should he knowingly, intentionally and fraudulently adulterate, or cause to be adulterated, such drugs, chemicals or medical preparations, he shall be deemed guilty of a misdemeanor, and, upon conviction thereof, be liable to a penalty not exceeding one hundred dollars, and in addition thereto, his name be stricken from the register.

Section 8. Pharmacists whose certificates of registration are in full force and effect, shall have the sole right to keep and to sell under such regulations as have been or may be established from time to time by the commissioners of pharmacy, all medicines and poisons, including intoxicating liquors only for the actual necessities of medicine; *provided* that such pharmacists shall have procured permits therefor as hereinafter prescribed. *Provided further*, that nothing herein contained shall be so construed as to shield the person who in anywise abuses this trust, for the legitimate and actual necessities of medicine only, from the utmost rigors of the law, now or hereafter in force relating to intoxicating liquors, and in addition thereto, for a second violation thereof, his name shall be stricken from the register by the commissioners of pharmacy upon receipt of transcript of conviction, which shall be transmitted by the court or by order of the court, before whom conviction is had. Twenty-five per cent of all moneys recovered as fines under the provisions of this act shall be paid into the state treasury, and reported to the state auditor, and held subject to the order of the commissioners of pharmacy as needed, to be by them used solely to defray the expenses of prosecutions, under, and the enforcement of this act or acts to which this is amendatory. In order to procure a permit to sell intoxicating liquors as aforesaid and a shipping permit he shall present to such board of supervisors a petition signed by at least one-fourth of the freeholders having the qualification of electors of the township, town or ward wherein such business is located, certifying that the registered pharmacist applying is a person of good moral character, is not a minor and is, and for the six months last preceding has been lawfully conducting a pharmacy as proprietor in such township, town or ward, and that they believe him to be a proper person to buy and sell intoxicating liquors for the purposes named in this act. The board being satisfied that all the provisions



of the law have been complied with, a permit shall be issued. *Provided*, however, that any resident of the township, town or ward may appear and show cause why such permit should not be granted, and the same shall be refused unless the board are fully satisfied that all the requirements of the law have been complied with, ten days notice of the time of granting such permit having been given by publication in a newspaper published in the county, or by posting notices in the township, town or ward in which the business is to be conducted. The county auditor shall issue to such pharmacist, his certificate of registration and his permit to buy and sell being in full force and effect, a permit to receive intoxicating liquors within the county in which he does business, and the presentation of said permit to any railway company, express company or common carrier within the borders or traversing the territory of the state, shall convey full authority to receive, transport and deliver intoxicating liquors to the person named in such permit; *provided*, that such permit shall be for specified packages and kinds of liquors, and that a certified copy of such permit shall be kept on file in the office of the auditor issuing the same. The Commissioners of Pharmacy shall, on the revocation or forfeiture of any certificate of registration, subsequent to their last biennial report or abstract of the state pharmacy register, report such revocation or forfeiture to the county auditor of the county wherein such certificate was last in force. On or before the tenth day of each month said pharmacist shall make to the county auditor a complete report, verified by his affidavit specifically showing all sales of intoxicating liquors made during the preceding calendar month, to whom sold, and the purpose for which the same was to be used as represented by duplicate applications executed by each purchaser. The registered pharmacist to whom application is made shall refuse to execute same, if he has reason to believe the application is not made in good faith, and that the liquor would be used as a beverage. He shall not accept an application from a minor or from any person who is in the habit of becoming intoxicated, or when any relative of such person has given written notice to said pharmacist that such person uses intoxicating liquors as a beverage. The drinking of intoxicating liquor in a pharmacy, whether under a permit or not, shall be presumptive evidence that the same was sold or given away by such pharmacist contrary to law.

SEC. 9. It shall be unlawful for any person, from and after the passage of this act, to retail any poisons enumerated in schedules "A" and "B," except as follows:

#### SCHEDULE A.

Arsenic, and its preparations, corrosive sublimate, white precipitate, red precipitate, biniodide of mercury, cyanide of potassium, hydrocyanic acid, strychnia, and all other poisonous vegetable alkaloids, and their salts, es-

sential oil of bitter almonds, opium, and its preparations, except paregoric and other preparations of opium containing less than two grains to the ounce.

#### SCHEDULE B.

Aconite, belladonna, colchicum, conium, nux vomica, henbane, savin, ergot, cotton root, cantharides, creosote, digitalis, and their pharmaceutical preparations, croton oil, chloroform, chloral hydrate, sulphate of zinc, mineral acids, carbolic acid and oxalic acid, without distinctly labeling the box, vessel or paper in which the said poison is contained, and also the outside wrapper or cover, with the name of the article, the word "poison," and the name and place of business of the seller. Nor shall it be lawful for any person to sell or deliver any poison enumerated in schedules "A" and "B" unless, upon due inquiry, it be found that the purchaser is aware of its poisonous character, and represents that it is to be used for a legitimate purpose. Nor shall it be lawful for any registered pharmacist to sell any poisons included in schedule "A" without, before delivering the same to the purchaser, causing an entry to be made, in a book kept for that purpose, stating the date of sale, the name and address of the purchaser, the name of the poison sold, the purpose for which it is represented by the purchaser to be required, and the name of the dispenser; such book to be always open for inspection by the proper authorities, and to be preserved for at least five years. The provisions of this section shall not apply to the dispensing of poisons, in not unusual quantities or doses, upon the prescriptions of practitioners of medicine. Nor shall it be lawful for any licensed or registered druggist or pharmacist to retail, or sell, or give away, any alcoholic liquors or compounds as a beverage, and any violations of the provisions of this section shall make the owner or principal of said store or pharmacy liable to a fine of not less than twenty-five dollars, and not more than one hundred dollars, to be collected in the usual manner; and in addition thereto, for repeated violations of this section, his name shall be stricken from the register.

SEC. 10. Any itinerant vendor of any drug, nostrum, ointment or appliance of any kind, intended for the treatment of diseases or injury, who shall, by writing or printing, or any other method, publicly profess to cure or treat diseases, or injury, or deformity, by any drug, nostrum, or manipulation, or other expedient, shall pay a license of one hundred dollars per annum, to be paid to the treasurer of the commission of pharmacy. Whereupon the secretary of said commission shall issue such license for one year. Any person violating this section shall be deemed guilty of a misdemeanor, and shall, upon conviction, pay a fine of not less than one hundred nor more than two hundred dollars; all moneys received for licenses to be reported to the Auditor of State. The sum of two thousand dollars per year, or as much thereof as may be necessary, is hereby appropriated out of the moneys so received for licenses for the expenses of said commission, all exceeding said amount to be paid into the State treasury.

SEC. 11. That any person who shall procure, or attempt to procure, reg-



istration for himself or for another under this act, by making, or causing to be made, any false representations, shall be deemed guilty of a misdemeanor, and shall, upon conviction thereof, be liable to a penalty of not less than twenty-five nor more than one hundred dollars, and the name of the person so fraudulently registered shall be stricken from the register. Any person, not a registered pharmacist, as provided for in this act, who shall conduct a store, pharmacy, or place for retailing, compounding or dispensing drugs, medicines or chemicals, for medicinal use, or for compounding or dispensing physicians' prescriptions, or who shall take, use or exhibit the title of registered pharmacist, shall be deemed guilty of a misdemeanor, and upon conviction thereof, shall be liable to a penalty of not less than fifty dollars nor more than two hundred dollars.

SEC. 12. Physicians dispensing their own prescriptions only, are not required to be registered pharmacists. *Provided*, that nothing in this act (chapter 83, laws 1886) shall prevent any person not a registered pharmacist or not holding a permit, from keeping and selling proprietary medicines, and such other domestic remedies as do not include any intoxicating liquors or poisons.

SEC. 13. This act, being deemed of immediate importance, shall take effect from and after its publication in the Iowa State Register and Iowa State Leader, newspapers published at Des Moines, Iowa.

SEC. 14. All acts and parts of acts in conflict with this act, are hereby repealed.

Original Act, chapter 75, approved March 22, 1880, published in the Iowa State Leader, March 27, 1880, and in the Iowa State Register, March 31, 1880.

Chapter 137, approved March 17, 1882, published in the Iowa State Leader and the Iowa State Register, March 18, 1882.

Chapter 83, approved April 7, 1886, published in the Iowa State Leader and Iowa State Register, April 8, 1886.

# SYNOPSIS OF BOARD MINUTES, FROM AUGUST 15, 1885, TO AUGUST 15, 1887.

December 14, 1885, the first business recorded since last report being the case of A. T. Doll, North English, Iowa, certified copies of court records having been filed in this office showing convictions for violations of law, it was ordered that the regular notice be sent A. T. Doll to show cause, on or before January 4, 1886, why his certificate should not be revoked.

January 13, 1886. The office of the Commissioners of Pharmacy was removed to the State capitol to-day.

Board met in State land office room. Members all present, Geo. H. Schafer, R. W. Crawford and C. A. Weaver. Meeting had been called for January 7, 1886, but owing to snow blockade Mr. Crawford could not attend sooner. The case of A. T. Doll was taken up, he having been notified to show cause, on or before January 4, 1886, why his certificate should not be revoked. The answers and affidavits offered by him were carefully considered but not deemed sufficient, his certificate, No. 1947, was revoked and the Secretary ordered to strike his name from the State Pharmacy Register, to take effect this day, January 13, 1887, and report the revocation of his certificate to the public, which was done and a copy of the order served on A. T. Doll, being revocation order No. 16. After other routine work meeting closed.

April 8, 1886, Board met in rooms in State capitol. Members all present. R. W. Crawford in chair. As chapter 83, laws of Twenty-first General Assembly, amending chapter 75, laws of 1880 and chapter 137, laws of 1882, became a law to-day, the first business was to formulate and adopt regulations in conformity with section 2 of chapter 83, laws of 1886. Regulations Nos. 15 and 16 were adopted, official forms "A," "B," "C," "D," "E," "F" and "G," special notices Nos. 1, 2, 3, 4, 5, 6, 7 and 8 were formulated and Secretary ordered to have an official circular published containing the State pharmacy laws, chapter 75, laws of 1880, chapter 137, laws of 1882 and



chapter 83, laws of 1886 and sections 4037, 4038 and 4040 of the Code, together with all regulations in effect, including regulations Nos. 15 and 16, all official forms under regulation No. 16 and special notices from Nos. 1 to 8, and Supreme Court decision, *State vs. Norton*, being official circular of April 8, 1886.

May 6, 1886, Board met in their office in the State capitol. Present, Commissioners Geo. H. Schafer, R. W. Crawford and ex-Commissioner C. A. Weaver, also John H. Pickett, newly appointed Commissioner to succeed C. A. Weaver. After attending to some old Board work, C. A. Weaver, Secretary and Treasurer of old Board, was requested to prepare complete report from date of last audited report up to April 24, 1886, and Commissioners Schafer and Crawford appointed an auditing committee to audit report when prepared by the Secretary.

May 7, Board met at their office in State capitol. Present, Commissioners R. W. Crawford, Geo. H. Schafer, John H. Pickett and ex-Commissioner C. A. Weaver. A preliminary organization was effected by electing R. W. Crawford temporary chairman and C. A. Weaver temporary secretary, the by-laws were revised and adopted as revised.

May 7, 1886, new Board organized by electing R. W. Crawford President, John H. Pickett Vice-President and C. A. Weaver Secretary and Treasurer for ensuing year. Regulation No. 8 was amended and adopted as amended. See regulations. Official form "E" was amended and adopted as amended.

May 8, 1886, Board met in room in State capitol. Members all present. C. A. Weaver, Secretary and Treasurer, submitted his bond to the State of Iowa as Treasurer of the Commission, which was approved by the Secretary of State and filed with him for the State. Also bond to the Commission as Treasurer, which was approved by the Commissioners and deposited with the Secretary of State for safe-keeping. Regulation No. 17 was adopted. Secretary was instructed to have an official circular published, being official circular of May 7, 1886, publishing pharmacy notices Nos. 1 and 2, regulation No. 8 as amended and regulations Nos. 17 and 18, amended forms "E" and "F," Board opinions 1 and 2 and Secretary's notice Nos. 1 and 2.

May 8, Secretary was instructed to send to judges of the supreme court and to circuit and district judges, to clerks of the courts, and

1887.]

to justices of the peace that reside in towns, a copy each of April 8 and May 7 circulars, with blanks of official form "G."

On motion it was ordered that each Commissioner be authorized to arrange with attorneys in each county in his district, where needed, on a contingent fee of one-half of the 25 per cent of fine covered into the State treasury, on all prosecutions under the law in regard to the 25 per cent enforcement fund, and other expenses attending same not to exceed the balance of such 25 per cent. Meeting closed.

May 25, regulation No. 18, and pharmacy notices Nos. 1 and 2, were adopted.

May 28, publication and issuance of official circular of May 7.

June 3, Board met in rooms at the State capitol. Treasurer presented old Board report for year 1885, which was referred to auditing committee and approved.

July 1, official form "F" amended.

August 17, Board met in room in State capitol; members all present. Transcripts of court records, C. W. Burton, justice of the peace, Linn county, Iowa, were filed to day, showing conviction under the pharmacy law of J. N. Ayers, registered pharmacist, No. 2670, of Cedar Rapids, for violating the law in the sale of intoxicating liquors. J. N. Ayers surrendered his certificate and waived notice thereon, in writing, to show cause why his certificate should not be revoked. On motion, certificate, No. 2670, was revoked, and the name of J. N. Ayers was stricken from the State pharmacy register, being revocation order No. 17.

Regulation No. 19 was adopted. Office of the Commission was moved into the rooms assigned to them, Nos. 14 and 15, basement of State capitol.

August 18, regulation No. 20 and pharmacy notice No. 3 was adopted.

September 9, 1886, Board met in their office rooms; members all present; minutes of May 7 and 8, June 3, and August 17 and 18, were read and approved. Regulation No. 21 was adopted. Secretary was directed to have all the regulations now in force, with pharmacy notices, special notices, amended official forms and Board opinions and rules published in official circular, and a copy mailed to each registered pharmacist, to all county auditors, judges and district attorneys and attorneys of the Board. Regulation No. 14 was amended and adopted as amended. Secretary was directed to caption each regulation setting forth the general purport of the regulation. Regula-



tions No. 22 and 23 and pharmacy notice No. 4 were adopted. Transcript of court records, showing convictions for violations of law against D. Stafford, were filed, but owing to defective dates were returned to petitioners for correction.

September 10. Pharmacy notice No. 5 was adopted. Special notice No. 7 of official circular of April 8 was amended.

December 8. Board met in their rooms in State capitol; members all present. Occupied in routine work.

December 9. Board met in their rooms in State capitol; members all present; R. W. Crawford in the chair. This being the day appointed for hearing of attorneys in the matter of petition of citizens of Atlantic for revoking certificates of H. G. Weber, S. W. W. Straight and C. A. Melcher, under regulation No. 20. Attorneys Rockafellow for H. G. Weber and C. H. Melcher, L. L. Delano for S. W. W. Straight, H. G. Curtis for petitioners, and G. F. Henry for Board. The Board first ruled that as the certificate of registration No. 258, of C. A. Melcher had forfeited by law, he being no longer a registered pharmacist, proceedings under regulation No. 20 were not applicable in his case. The attorneys for H. G. Weber and S. W. W. Straight filed a motion to dismiss their cases, for want of jurisdiction. Attorney for petitioners filed an objection to motion to dismiss. Board, after hearing arguments on both sides, overruled the motion to dismiss; their attorney, G. F. Henry, filed a statement with their reasons for overruling. H. G. Curtis, attorney for petitioners, then made an argument for petitions and affidavits to revoke the certificates of H. G. Weber and S. W. W. Straight, pending which the Board adjourned the further hearing of the cases until December 10, 1886, at 9 o'clock P. M.

Evening session. The case of B. F. Allen, registered pharmacist No. 1996 was considered, on complaint he had been ordered under regulation No. 9 to appear before Commissioner Pickett for supplementary examination to verify his examination under which he was registered; he appeared before Commissioner Pickett and was examined; on review of his papers it was decided that he had sufficiently verified his former examination, and the matter was dismissed and the Secretary directed to notify him of the Board's decision.

December 10, 1886. Board met at 9 o'clock, R. W. Crawford in the chair. As the meeting was called to order an injunction granted by Judge W. H. McHenry, of district court of Polk county, was served upon the different members of the Board, enjoining them from the

further consideration of the complaints against H. G. Weber and S. W. W. Straight. Board adjourned the case until 10:30 A. M., same day, when the Board notified the defendant's attorneys that in their opinion Judge McHenry had no jurisdiction over them in such cases, but for the present would adjourn the further consideration of the cases until third Wednesday in January, 1887, in the meantime would file a motion for dismissal of the injunction. Board continuing in session, next took up the cases of W. E. Wolfgang and J. E. Hardenbrook, against whom complaints had been made of fraud in their examination by which they were registered; they had previously been notified to appear, under regulation No. 9, and verify the examination under which they were registered; in default of their appearing within the specified time their certificates were revoked and the names of W. E. Wolfgang, certificate No. 1908, and J. E. Hardenbrook, certificate No. 3358, were stricken from the State pharmacy register.

The Secretary was directed to notify all those registered without examination, whose certificates had forfeited according to section 4 of the law, that if in business they were in violation of law and request them to become registered by examination.

Secretary was directed to make written demand of the clerk of the courts of Clarke county for twenty-five per cent of fines assessed in the cases of J. Roberts, O. A. Noel and B. F. Garretson, and request him to pay amount into the State treasury as required by chapter 83, laws of 1886.

January 19, 1887, Board met in their rooms in State capitol, pursuant to appointment of last meeting. Members all present. R. W. Crawford in the chair, who stated that as the injunction served upon the Board at their last meeting had been dissolved by Judge Conrad of district court of Polk county, the first business would be to take up the cases of H. G. Weber and S. W. W. Straight, for further consideration. Attorneys Rockafellow for H. G. Weber and S. W. W. Straight, and H. G. Curtis for the petitioners, being present, they were given an opportunity for further hearing; after hearing arguments in the matter, the Board reviewed the evidence in the case, continuing in session until after midnight.

January 20, 1887, Board met again; members all present, continuing the consideration of Atlantic cases, after full and complete consideration under regulation No. 20, they revoked the certificates of H. G. Weber and S. W. W. Straight, and directed the Secretary to strike



the names of H. G. Weber, certificate No. 1436, and S. W. W. Straight, certificate No. 259, from the State Pharmacy Register, which was done.

C. L. Yost's certificate, No. 3003, was next revoked for convictions under the law for obtaining registration fraudulently, and A. B. Stedman's certificate, No. 2630, was revoked for aiding C. L. Yost to obtain registration fraudulently, personating C. L. Yost in an examination, and their names were stricken from the State Pharmacy Register.

January 21, 1887, Board met in room in State capitol. Members all present. Mr. Crawford in the chair. E. J. Conger, registered pharmacist No. 2204, being present was given a hearing in defense of charges preferred against him. The matter was referred to Commissioner Schafer for further action.

On certified copies and transcripts of court records of conviction for violation of law, with the order of the judge ordering the transcripts sent to the Commissioners of Pharmacy, as per chapter 83, laws of 1886, against R. A. Greenfield, of Creston, Iowa, the Board revoked his certificate No. 2296, and his name was stricken from the State Pharmacy Register.

March 30, 1887, Board met in their rooms in State capitol. Members all present. R. W. Crawford in the chair. The secretary was directed that in applications for renewals, both green and gold seals, he should require all to fill out correctly the application blanks before issuing renewals for 1887.

March 31, 1887, Board met in their rooms in capitol. Members all present. R. W. Crawford in the chair. Regulation No. 24 was this day adopted. The secretary was directed to notify the supervisors of Polk county, that, whereas, H. E. Swafford, registered pharmacist, certificate No. 2948, was granted a permit under the pharmacy law in February, 1886, to buy and sell intoxicating liquors before he was eligible to such permit, having by false representation, fraud or otherwise secured the signatures of one fourth the freeholders necessary, certifying that he had "for the six months last preceding been lawfully conducting a drug store or pharmacy as an owner," when in fact he had not been a registered pharmacist three months, and could not have conducted a drug store lawfully for six months as an owner or otherwise.

The secretary was directed to notify James Temple, registered as per certificate No. 2352, that the time would be extended for another

supplementary examination, and notify him to appear on the 5th or 19th of April, under regulation No. 9.

The case of A. H. Person, registered as per certificate No. 2228, was then taken up. Complaints having been made that he obtained his registration fraudulently, he had been duly notified to appear and verify his original examination as per regulation No. 9. In default of his appearance after having the time extended his certificate of registration No. 2228 was cancelled, and the secretary of the commission directed to strike his name from the State pharmacy register.

The case of O. A. Noel was then taken up, and his certificate of registration No. 2660 was revoked, and his name stricken from the State pharmacy register on transcripts of court records of convictions of Clarke county, filed by order of the court.

April 1, 1887, Board met in their rooms in State capitol. Members all present. Continued during the day examining and passing upon applications for renewals.

April 26, old Board met in their rooms in State capitol. Members present Geo. H. Schafer, John H. Pickett, and R. W. Crawford in the chair. Commissioners Schafer and Pickett were appointed an auditing committee, and treasurer's report referred to them.

April 27th, 28th and 29th, continued during the three days and evenings auditing accounts and unfinished business.

April 30th, members all present. The auditing committee were allowed more time, and report subsequently on completion of their report.

During temporary absence of Mr. Crawford, a complimentary resolution was passed in reference to the retiring member of the Board, and secretary directed to enter the resolution upon the records of the commission, and present a copy to Mr. Crawford. After some further routine work, old Board adjourned *sine die*.

April 30, 1887, New Board met in their rooms in State capitol. Members present, Geo. H. Schafer, John H. Pickett and C. A. Weaver. Organized by electing G. H. Schafer President, John H. Pickett Vice President, and C. A. Weaver Secretary and Treasurer for the ensuing year.

First business transacted was reading and amending by-laws. Regulation No. 8 was amended, and adopted as amended.

The case of Albert Wuest, registered pharmacist No. 1796, of Tripoli, was taken up. After due consideration the registration of Albert Wuest, certificate No. 1796, was revoked, based upon tran-



script of court records "A" and "B," of Bremer county court, December term, 1886, Judge Ruddick, and the name of Albert Wuest was stricken from the State Pharmacy Register.

June 8, 1887, Board met in their rooms in State capitol. Members all present. Geo. H. Schafer in the chair. Engaged in regular routine work when Attorney Wilson, of Osceola, appeared and offered a petition in regard to rescinding the revocation of O. A. Noel's certificate. After consideration the petition was withdrawn by the attorney, and the attorney was informed that as the Board had acted according to the transcripts of court records filed with them by order of the court, they could take no further action except upon the order of the court upon which the revocation was based.

June 9, Board met in their room in the State capitol. Members all present. Commissioner Schafer in the chair. Regulation No. 20 was amended, and adopted as amended.

June 10, Board met in their room in State capitol. Members all present. Geo. H. Schafer in the chair. The matter of James Temple, registered as per certificate No. 2352, was taken up. After due consideration it was ordered, that in default of his appearing to verify his examination, after repeated opportunities had been given him and in accordance with Regulation No. 9, his registration as per certificate No. 2352 be cancelled and his name stricken from the State Pharmacy Register, which was done, and county auditor notified as required by law.

Regulations Nos. 10 and 11 were amended and adopted as amended.

June 11, 1887, Board met in their rooms in State capitol. Members all present. G. H. Schafer in the chair. Regulation No. 15 was amended, and adopted as amended.

It was ordered that the Secretary have a new official circular published, to contain the new and amended Regulations and all Regulations in force, all official forms, Board opinions, Pharmacy and special notices that are in force. Pharmacy Notice No. 4 was changed and amended, and adopted as amended.

July 20, 1887, Board met in their rooms in State capitol. Members all present. G. H. Schafer in the chair. Official Form "G" was amended, and adopted as amended, and Secretary directed to have one thousand copies printed, and copies sent to clerks of court, justices of the peace, and prosecuting attorneys.

July 21, Board met in their rooms. Members all present. Occupied during the day in routine work.

July 22, Board met in rooms in Anderson House, Atlantic. Members all present. Continued in session all day considering the matter of petitioners from Atlantic against G. S. Montgomery and Frank Hardesty, registered pharmacists of Atlantic, under Regulation No. 20. Present during part of the session G. S. Montgomery with his attorneys Rockafellow and Delano, also H. G. Curtis, attorney for petitioners, and County Attorney Scott.

After full and complete consideration the following order was made:

ROOMS AT ANDERSON HOUSE. }  
ATLANTIC, IOWA, July 22, 1887. }

In the matter of petition to revoke the certificate of registration No. 2527, of Frank Hardesty, of Atlantic, Cass county, Iowa.

The matter coming on for hearing on the petition of S. Brott and others, due notice thereof having been served on the said Frank Hardesty and affidavits filed in duplicate in support of said petition, and duly served on said contestants; also answers and affidavits filed by said contestants, all in accordance with pharmacy regulation No. 20, and after full investigation of the matters charged, and full and careful examination of the evidence adduced and being fully advised in the premises the Commissioners find that the charges in the petition are not sustained by the evidence adduced, the case is therefore dismissed, and the Secretary of this Commission is hereby directed to notify the said Frank Hardesty of their action. Signed by the Commissioners.

A copy of above order was sent to the address of Frank Hardesty. In the matter to revoke the certificate of registration of G. S. Montgomery, the following order was made:

ROOMS AT ANDERSON HOUSE. }  
ATLANTIC, IOWA, July 22, 1887. }

In the matter of petition to revoke the certificate of registration No. 283, of G. S. Montgomery, of Atlantic, Cass county, Iowa.

The matter coming on for hearing in the petition of S. Brott and others, due notice thereof having been served on the said G. S. Montgomery, and affidavits filed in duplicate in support of said petition and duly served on said contestants; also answers and affidavits



filed by said contestants, all in accordance with pharmacy regulation No. 20, and after investigation of the matters charged and careful examination of the evidence adduced, and hearing of petitioner's attorney, H. G. Curtis, and G. S. Montgomery and his attorneys, Rockafellow & Delano, it was ordered that action be deferred.

Attest: C. A. WEAVER, *Secretary*.

Board returned to Des Moines at midnight, and meeting closed.

Attest: C. A. WEAVER, *Secretary*.

# SECRETARY'S REPORT.

*From last biennial report, September 1, 1885, to September 15, 1887.*

## REGISTRATIONS, REVOCALS, FORFEITURES, ETC.

Number of applicants examined on first examination.....	749
Number of applicants examined on second or re-examination.....	240
Total number of examinations.....	1,019

Of this number, 357 have passed successful examinations, and gold seal certificates have been granted them; about thirty-five per cent of the examinations being successful.

Number certificates revoked .....	{ Green seal, 3 Red seal, — Gold seal, 13	16
Number registered pharmacists who have died	{ Green seal, 23 Red seal, — Gold seal, 10	33
Number certificates canceled on owner's request	{ Green seal, 23 Red seal, 2 Gold seal, 47	72
Number certificates without examination... ..	{ Green seal, 74 Red seal, 2	76
Superseded by certificates by examination ....	{ Red seal, 11 Green seal, 289	300
Number certificates forfeited by law .....		497
Total number certificates revoked, canceled, forfeited superseded (became void).....		497
Number certificates issued during the same time	{ Red seal, 40 Gold seal, 357	397 397
		100 100

Showing that ONE HUNDRED more certificates have become void, than the number of new certificates issued during this period

Number of certificates in active force in the State as per last report, September 1, 1885.....	1,843
Number of certificates in force in the State September 15, 1887.....	1,729

114

Being 114 less September 15, 1887, than at last report, September 1, 1885.



## TREASURER'S REPORT.

*From July 31, 1885, to April 24, 1886. Commissioners of Pharmacy for the State of Iowa, C. A. Weaver, Treasurer.*

## RECEIPTS FROM JANUARY 31, 1885 TO APRIL 24, 1886.

23 renewals for 1883 .....	\$ 23.00
43 renewals for 1884 .....	43.00
170 renewals for 1885 .....	170.00
1,700 renewals for 1886 .....	1,700.00
6 duplicate certificates .....	6.00
91 changes of locality .....	45 50
10 applications for graduates .....	20.00
181 applications for examination .....	905.00
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	\$ 2,912 50

## Apportioned as follows :

One-third to R. W. Crawford .....	\$ 970.83
One-third to Geo. H. Schafer .....	970.83
One-third to C. A. Weaver .....	970.84
	<hr/>
	\$ 2,912.50

## REPORT OF C. A. WEAVER, TREASURER OF COMMISSION OF PHARMACY.

## ITINERANT LICENSE FUND.

*Collected from July 31, 1885, to April 24, 1886.*

T. J. Wheeler (first license issued) July 16, 1885 .....	\$ 100.00
Dr. Geo. B. McClelland, August 13, 1885 .....	100.00
Dr. Wm. H. Graham, November 17, 1885 .....	100.00
Dr. J. E. Anderson, November 21, 1885 .....	100.00
Dr. R. C. Flower, November 23, 1885 .....	100.00
Dr. A. M. Pickett, December 17, 1885 .....	100.00
Dr. J. I. Hamilton, January 28, 1886 .....	100.00
S. F. Smith, April 1, 1886 .....	100.00
Dr. W. E. Closson, April 20, 1886 .....	100.00
Dr. Geo. D. More, April 20, 1886 .....	100.00
	<hr/>
Total receipts for year .....	\$ 1,000 00

Applied on the expenses of the Commission from May 10, 1885, to April 24, 1887, follows :

R. W. Crawford's bill from May 10, 1885, to July 31, 1885 .....	\$ 39.15
R. W. Crawford's bill from July 31, 1885, to April 24, 1886 .....	211.65
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	\$ 250.80
G. H. Schafer's bill from May 10, 1885, to July 31, 1885 .....	\$ 18.90
G. H. Schafer's bill from July 31, 1885, to April 24, 1886 .....	111.10
	<hr/>
	130.00
C. A. Weaver's bill from May 15, 1885, to July 31, 1886 .....	\$ 56.56
C. A. Weaver's bill from August 1, 1885, to April 24, 1886 .....	223.20
	<hr/>
	279.76
	<hr/>
	\$ 660.56
Clerk hire one year for Secretary .....	600.00
	<hr/>
Total contingent expenses .....	\$ 1,260.56
Deduct intinerant license fund as above .....	1,000.00
	<hr/>
Balance due Treasurer .....	\$ 260.56



## TREASURER'S REPORT.

*From April 23, 1886, to April 24, 1887, Commissioners of Pharmacy for the State of Iowa, C. A. Weaver, Treasurer.*

## RECEIPTS.

*From April 23, 1886, to April 24, 1887.*

416 examinations .....	\$2,080.00
19 graduates.....	88.00
143 changes of locality.....	71.50
14 duplicate certificates.....	14.00
3 renewals for 1882.....	3.00
7 renewals for 1883 .....	7.00
16 renewals for 1884.....	16.00
39 renewals for 1885.....	39.00
121 renewals for 1886.....	121.00
1,583 renewals for 1887.....	1,583.00
Amount received from schedules.....	20.00
Total receipts .....	\$3,992.50

*Apportioned as follows:*

One-third to R. W. Crawford.....	\$1,330.83
One-third to G. H. Schafer.....	1,330.83
One-third to John H. Pickett.....	1,330.84
	<hr/>
	\$3,992.50

## REPORT OF C. A. WEAVER, TREASURER OF COMMISSION OF PHARMACY.

*Itinerant License Fund from April 23, 1886, to April 24, 1887.*

## Collected from—

Dr. Wm. Todd, May 27, 1886.....	\$ 100.00
Dr. F. G. Lameroux, May 20, 1886.....	100.00
Dr. J. F. Fleming, June 8, 1886 .....	100.00
F. W. Chesley, June 18, 1886.....	100.00
E. Schneller, July 19, 1886 .....	100.00
J. D. Townsend, August 4, 1886 .....	100.00
W. D. Hinchliff, August 4, 1886 .....	100.00
Byron A. Belcher, August 4, 1886.....	100.00
Dr. Geo. B. McClellan, September 7, 1886.....	100.00
Leopold Elle, October 2, 1886.....	100.00
Wm. Hanfield, October 27, 1886.....	100.00
B. F. Steadman, December 6, 1886.....	100.00
J. G. Gildfillan, December 6, 1886.....	100.00
A. S. Palmer, February 18, 1887.....	100.00
M. C. Roe, March 2, 1887.....	100.00
Joseph Wheeler, March 23, 1887 .....	100.00
L. L. Stuart, April 9, 1887 .....	100.00
J. Jackson Crider, April 11, 1887.....	100.00
W. E. Closson, April 21, 1887 .....	100.00

Total receipts for the year.....\$1,900.00

Applied on the expenses of the Commission from April 23, 1886, to April 24, 1887, as follows:



*C. A. Weaver, on bills:*

April 24, 1886, balance due him on old account..\$	260.56
Bill from April 23, 1886 to October 24, 1886.....	633.65
Bill from October 23, 1886, to April 24, 1887.....	657.60
	<hr/>
	\$ 1,551.81

*Geo H. Schafer:*

Bill from April 23, 1886, to October 24, 1886.....\$	89.40
Bill from October 23, 1886, to December 24, 1886..	53.60
Bill from December 20, 1886, to April 24, 1887....	40.15
	<hr/>
	\$ 183.15

*R. W. Crawford:*

Bill from April 23, 1886, to October 24, 1886.....\$	74.50
Bill from October 23, 1886, to April 24, 1887.....	68.20
	<hr/>
	\$ 142.70

*J. H. Pickett:*

Bill from April 23, 1886, to October 24, 1886.....\$	58.65
Bill from October 23, 1886, to April 24, 1887.....	45.40
	<hr/>
	\$ 104.05

Total contingent expenses .....	\$ 1,981.71
Deduct itinerant fund as above.....	1,900.00
	<hr/>
Balance contingent expenses due treasurer....	\$ 81.71

## TREASURER'S REPORT.

*From April 23, 1887, to October 24, 1887. Commissioners of Pharmacy for the State of Iowa. C. A. Weaver, Treasurer.*

## RECEIPTS.

From April 23, 1887, to October 24, 1887:

152 applications for examination .....	\$ 760.00
69 renewals for 1887.....	69.00
11 applications for graduates .....	22.00
11 duplicate certificates.....	11.00
90 changes of location.....	45.00
	<hr/>
	\$ 907.00

Apportioned as follows:

One-third to Geo. H. Schafer.....\$	302.33
One-third to Jno. H. Pickett .....	302.33
One-third to C. A. Weaver.....	302.34
	<hr/>
	\$ 907.00

## REPORT OF C. A. WEAVER, TREASURER OF COMMISSIONERS OF PHARMACY.

*Itinerant license fund from April 23, 1887, to October 24, 1887.*

## Collected from—

April 30, E. McConkey .....	\$ 100.00
May 2, H. W. Wilbur .....	100.00
July 7, Chas. A. Burgess .....	100.00
July 7, J. L. Carpenter .....	100.00
July 7, S. F. Lameraux.....	100.00
July 15, C. A. Lockwood .....	100.00
July 19, E. Schneller .....	100.00
July 25, A. Straussman.....	100.00
Aug. 24, R. W. Dunham.....	100.00

Total receipts to October 24, 1887.....\$ 900.00

*Applied on the expenses of the Commission from April 23, 1887, to October 24, 1887, as follows:*

*C. A. Weaver, Treasurer.*

April 24, Balance due him on account.....	\$ 81.71
Bill from April 23 to October 24.....	822.85

*Geo. H. Schafer.*

Bill from April 23 to October 24.....	167.00
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*J. H. Pickett.*

Bill from April 23 to October 24.....	58.75
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Total contingent expenses.....	\$ 630.31
Balance contingent fund on hand.....	\$ 269.69



## AMOUNT OF TWENTY-FIVE PER CENT FUND.

*Paid into the State treasury as reported by the State Treasurer from July 8, 1886, to November 28, 1887.*

July 8, 1886, receipt No. 1.....	\$ 25.00
August 18, 1886, receipt No. 2.....	87.50
August 19, 1886, receipt No. 3.....	6.25
September 18, 1886, receipt No. 4.....	25.00
October 12, 1886, receipt No. 5.....	18.75
October 22, 1886, receipt No. 6.....	12.50
November 28, 1886, receipt No. 7.....	6.25
December 1, 1886, receipt No. 8.....	25.00
December 23, 1886, receipt No. 9.....	18.75
January 11, 1887, receipt No. 10.....	36.75
January 14, 1887, receipt No. 11.....	.75
January 27, 1887, receipt No. 12.....	12.50
February 1, 1887, receipt No. 13.....	37.50
February 1, 1887, receipt No. 14.....	37.50
February 1, 1887, receipt No. 15.....	37.50
April 12, 1887, receipt No. 16.....	6.25
April 13, 1887, receipt No. 17.....	25.00
April 13, 1887, receipt No. 18.....	25.00
April 15, 1887, receipt No. 19.....	12.50
April 21, 1887, receipt No. 20.....	6.25
April 21, 1887, receipt No. 21.....	6.25
April 21, 1887, receipt No. 22.....	12.50
May 2, 1887, receipt No. 23.....	12.50
June 2, 1887, receipt No. 24.....	50.00
June 2, 1887, receipt No. 25.....	50.00
June 2, 1887, receipt No. 26.....	12.50
June 2, 1887, receipt No. 27.....	25.00
June 9, 1887, receipt No. 28.....	6.25
June 18, 1887, receipt No. 29.....	12.50
July 12, 1887, receipt No. 30.....	6.25
September 10, 1887, receipt No. 31.....	100.00
September 14, 1887, receipt No. 32.....	12.50
September 15, 1887, receipt No. 33.....	25.00
September 19, 1887, receipt No. 34.....	25.00
September 19, 1887, receipt No. 35.....	12.50
October 11, 1887, receipt No. 36.....	31.25
October 26, 1887, receipt No. 37.....	25.00
November 28, 1887, receipt No. 38.....	37.50
	<u>\$925.00</u>
Amount orders paid.....	<u>\$880.30</u>
Amount in treasury.....	<u>\$ 44.70</u>

## ORDERS DRAWN ON TWENTY-FIVE PER CENT ENFORCEMENT FUND.

DATE.	Order number.	TO WHOM PAID AND ON WHAT ACCOUNT.	AMOUNT.
1886.			
September 3	1	L. J. Pierson, attorney, services in case State vs. J. N. Ayers, Linn Co., as per bill.....	\$ 43.75
September 3	2	P. M. Reeder, Cedar Rapids, collecting evidence in case State vs. J. N. Ayers, Linn Co., as per bill.....	5.00
September 3	3	R. S. Ervin, attorney services, in case State vs. S. C. Myers, Webster Co., as per bill.....	15.00
September 18	4	Louis J. Pierson, attorney, services in case State vs. J. Cain, Linn Co., as per bill September 17, 1886.....	12.50
October 25	5	L. J. Pierson, attorney services in case State vs. D. B. Cole, Linn Co., as per bill October 21, 1886.....	6.25
November 22	6	Young & Parrish, attorneys, expenses in case State vs. R. D. Townley, Wayne Co., as per bill of November 18, 1886.....	12.19
November 24	7	L. J. Pierson, attorney services and expenses in case State vs. Geo. Allen, Benton Co., bill of November 23, 1886.....	4.87
December 18	8	M. W. Gipe, Waterloo, expenses in arresting itinerant vendor.....	4.00
December 18	9	Young & Parrish, attorneys, expenses in case State vs. Jason Roberts, Clarke Co., bill December 14, 1886.....	18.14
December 21	10	L. J. Pierson, attorney, services and expenses in case State vs. B. M. Hopper, Linn Co., bill December 20, 1886.....	9.90
1887.			
January 3	11	Louis J. Pierson, attorney, services and expenses in case State vs. Byron Griffin, Delaware Co., bill December 30, 1886.....	30.50
January 20	12	R. W. Crawford, expenses in case E. W. Walker and S. C. Myers, of..... Co., expenses to Mallard, West Bend and in H. Raaz case, Rockwell City, as per bill of October 23, 1886.....	30.55
January 21	13	G. H. Schafer, expenses to Leon, Davis City and telegrams from June 18, 1886 to July 31, 1886, as per bill of October 23, 1886.....	28.50
January 21	14	J. H. Pickett, expenses to Cedar Rapids, to Manning and Carroll and telegram, as per bill of October 23, 1886.....	26.70
January 21	15	C. A. Weaver, Secretary's expenses from May 24, 1886, to October 23, 1886, as per bill of October 23, 1886.....	6.71
February 3	16	Louis J. Pierson, attorney services in case State vs. D. B. Cole, Linn Co., as per bill of January 15, 1887.....	6.25



ORDERS DRAWN ON TWENTY-FIVE PER CENT ENFORCEMENT  
FUND—CONTINUED.

DATE.	Order number.	TO WHOM AND ON WHAT ACCOUNT.	AMOUNT.
1887. February	3	17 G. F. Henry, attorney services in case H. G. Weber and S. W. W. Straight and Regulation No. 23.....	\$ 40.00
February	18	18 R. W. Crawford, expenses to Spirit Lake, Sac City and Newell, as per bill of October 23, 1886.....	24.35
February	18	19 Geo. H. Schafer, expenses to Creston, as per bill of October 23, 1886.....	24.90
February	18	20 Jno. H. Pickett, expenses to Tama City, Toledo, Cedar Rapids, Vinton, Waterloo and Marshalltown, bill of October 23, 1886.....	21.75
March	31	21 R. L. Parrish, expenses in case State vs. Davis & Stutsman, H. L. Cooledge and J. E. Rein- inghouse, Van Buren Co., bill of February 23, 1887.....	19.97
March	31	22 R. L. Parrish, expenses in case State vs. J. D. Hepford, O. A. Noel, J. R. Landis and Jason Roberts; bill of February 23, 1887.....	13.01
April	1	23 L. J. Pierson, attorney services and expenses in cases State vs. J. Ross Cameron and State vs. H. C. Smith, Delaware Co., bill of March 24, 1887.....	26.00
April	19	24 and No. 25 were accidentally destroyed. See Nos. 55 and 56.....	.00
April	30	26 Louis J. Pierson, attorney services in case State vs. F. J. Atwater, — Co.; bill of April 19, 1887.....	3.12
April	30	27 Matt Goasch, clerk of court, Benton Co., for certified transcript of court records, bill of April 20, 1887.....	1.50
April	30	28 Milt H. Allen, attorney services in case State vs. W. C. Green, and State vs. A. Schoel, O'Brien Co., bill of April 23, 1887.....	12.50
May	2	29 G. F. Henry, attorney services in Weber and Straight case, dissolving injunction and writ of certiorari, bill of March 1, 1887.....	80.00
May	2	30 G. F. Henry, attorney services in cases State vs. G. W. Kinney, and State vs. A. B. Smith, Polk Co., bill of April 23, 1887.....	31.25
June	10	31 J. A. Harvey, attorney services in case State vs. H. C. Hansen, Polk Co., bill of June 9, 1887.....	25.00
June	10	32 J. B. Johnson, J. P. services in affidavits for Attorneys R. L. Parrish and G. F. Henry, bill of June 2, 1887.....	12.50
June	10	33 R. W. Crawford, expenses, bill of June 10, 1887.....	41.95
June	10	34 R. W. Crawford, expenses, bill of June 10, 1887.....	37.40
June	10	35 R. W. Crawford, expenses in case of E. Schnel- ler, bill of October 23, 1886.....	25.00
June	10	36 R. W. Crawford, expenses in enforcement of law, bill of October 23, 1886.....	33.00
June	10	37 R. W. Crawford, expenses as per bill of April 14, 15 and 29, 1887.....	34.45

ORDERS DRAWN ON TWENTY-FIVE PER CENT ENFORCEMENT  
FUND—CONTINUED.

DATE.	Order number.	TO WHOM PAID AND ON WHAT ACCOUNT.	AMOUNT.
1887. June	10	38 G. H. Schafer, expenses to Cedar Rapids as per bills of June 19, 1886, and August 15, 1886, and August 4, 1886.....	\$ 36.55
June	10	39 Geo. H. Schafer, expenses to Clarinda, Shen- andoah and Red Oak, August 4 to 8, 1886....	43.15
June	10	40 Geo. H. Schafer, expenses to Osceola, Creston, Red Oak and Atlantic, bill of Nov. 9 and 14, 1886.....	41.30
June	10	41 G. H. Schafer, expenses in Gillfällan case, April 27, 1887.....	27.10
June	10	42 G. H. Schafer, expenses as per bill of April 27, 1887.....	54.85
June	10	43 J. H. Pickett, expenses to Cedar Rapids, May 27, 1886, June 17 to 20, 1886, bill of October 23, 1886.....	33.18
June	10	44 J. H. Pickett, expenses in Hansen case, Des Moines N. J. Darling case, Story Co., and expenses in Kinny case, Des Moines, as per bill.....	29.25
June	10	45 J. H. Pickett, expenses to Des Moines and Audubon, bill of October 23, 1886.....	25.75
June	10	46 J. H. Pickett, expenses, bill of April 23, 1887.....	37.30
June	10	47 J. H. Pickett, expenses to Des Moines and Marshalltown, bill of April 23, 1887.....	31.45
July	1	48 G. F. Henry, attorney services in case State vs. Higgins, Polk Co., bill of April 30, 1887.....	12.50
July	1	49 L. J. Pierson, attorney expenses in case State vs. Seig, Marshall Co., bills of Feb. 12, and May 26, 1887.....	6.25
July	1	50 L. J. Pierson, attorney expenses in case State vs. Darling, bill of May 26, 1887.....	9.00
July	1	51 Gregory & Wicks, attorneys services in case State vs. R. A. Greenfield, Creston.....	6.25
July	1	52 G. F. Henry, attorney services and costs in cir- cular letter to county attorneys, and filing information as per bill of June 4, 1887.....	18.70
July	1	53 R. L. Parish, attorney, expenses in prosecu- tions, bill of May 16, 1887.....	31.01
July	1	54 R. L. Parish, services in cases as per his bill of May 16, 1887.....	205.00
July	1	55 L. J. Pierson, attorney, services in case State vs. G. F. Ellis, bill of April 9, 1887.....	6.25
July	1	56 L. C. Coppock, constable expenses in case State vs. F. A. Bryant, Griswold, bill of November 22, 1886.....	5.00
July	1	57 C. A. Weaver, Secretary, expenses from Octo- ber 23, 1886 to April 24, 1887, bill of April 23, 1887.....	5.61
July	2	58 B. E. A. Simons, attorney, services in case State vs. Allard, Montgomery Co., bill of July 8, 1887.....	5.00
September	20	59 Louis J. Pierson, attorney, services in case State vs. Frank Jiroushek, Linn Co., bill of September 16, 1887.....	18.75



## ORDERS DRAWN ON TWENTY-FIVE PER CENT ENFORCEMENT FUND—CONTINUED.

DATE.	Order number.	TO WHOM PAID AND ON WHAT ACCOUNT.	AMOUNT.
1887.			
September 20	60	L. J. Pierson, attorney, expenses in case State vs. Pine, Tipton, bill of September 18, 1887..	\$ 9.90
October 14	61	R. L. Parrish, attorney, expenses in cases Twining, Salts and Selby, Corning, bill of October 7, 1887.....	10.08
October 15	62	Thomas Beaumont, attorney, expenses in case State vs. B. F. Erb, Carroll, bill of October 14, 1887.....	10.66
October 22	63	R. L. Parrish, attorney, expenses in case H. L. Harrit and others, Polk Co., bill of July 21, 1887.....	24.50
November 30	64	Gregory & Wicks, attorney services in case State vs. R. A. Greenfield, Union Co., bill of November 1, 1887.....	50.00
December 5	65	L. J. Pierson, attorney, services in case State vs. Darling, and expenses in cases of Thompson & Gifford, bill of November 17, 1887.....	54.18
December 10	66	J. H. Pickett, part of his expense bill, October 24, 1887.....	50.00
December 10	67	J. H. Pickett, part of his expense bill of October 24, 1887.....	50.00
December 10	68	J. H. Pickett, balance of his expense bill of October 24, 1887.....	46.30
December 10	69	G. H. Schafer, expense bill of October 24, 1887	50.65
December 10	70	C. A. Weaver, expense bill of October 24, 1887	18.07
December 10	71	G. F. Henry, attorney, services in Braniff case	35.00
December 10	72	G. F. Henry, attorney, services in O. A. Noel case.....	25.00
December 10	73	G. F. Henry, attorney, services in Straight & Weber case before Supreme Court.....	50.00
		Amount orders drawn.....	\$ 1,942.00
		Amount orders paid.....	880.30
		Amount of orders unpaid.....	\$ 1,061.70

NOTE—Of these orders upon the twenty-five per cent fund the numbers 1 to 32, inclusive, numbers 48 to 53, inclusive, and numbers 55 to 65, inclusive, amounting to \$880.30, have been paid. The following orders, numbers 33 to 47, inclusive, number 54 and numbers 66 to 73, inclusive, amounting to \$1,061.70, have not been paid for want of funds in the treasury. In some counties where fines have been imposed the county officials have refused to pay the twenty-five per cent into the treasury, as required by section 2, chapter 83, laws of 1886, awaiting the decision of the Supreme Court; this, with appeals and stays of execution, have not only prevented the payment of expenses incurred, but limited the more extended enforcement of the law.

In response to our request to County Auditors to furnish us information relating to permits issued, we are enabled to submit the following condensed statement to August 15, 1887:

COUNTIES.	No. of permits issued to pharmacists for medicinal use only.	No. forfeited since issued.	No. in force that report no sales.	No. now in force reporting sales.	No. general permits issued.
Adair.....	8	1	5	8	
Adams.....	6	1	5	5	
Allamakee.....	8		8	8	
Appanoose.....	5		5	5	5
Audubon.....	3		3	3	
Benton*.....	9	1	8	8	
Bremer.....	5		5	5	
Black Hawk.....	15		15	15	
Boone.....	15	3	12	12	
Buchanan.....	12		12	12	
Buena Vista.....	6	1	5	5	
Butler†.....	16	2	14	14	
Cass.....	9		9	9	
Cedar.....	10	3	7	7	
Carroll‡.....	13	4	9	8	
Calhoun.....	10	1	9	9	
Cerro Gordo.....	6		6	6	
Cherokee.....	5		5	5	
Chickasaw.....	10		0	0	
Clarke.....	5		5	5	
Clay.....	3		13	3	
Clayton.....	10		10	10	
Clinton.....	20	3	16	4	
Crawford.....	8		8	2	
Dallas.....	12	2	1	9	
Davis.....	5		1	4	
Decatur.....	9	1	8	7	
Des Moines.....	13		13	21	
Dickinson  .....	3		3	3	
Delaware§.....	10		1	9	
Dubuque.....	14	1	13	3	
Emmet.....	3		3	3	
Fayette.....	16	4	12	12	
Floyd.....	7		7	7	
Franklin.....	6		6	6	
Fremont.....	11	2	1	8	
Greene.....	10		10	10	
Guthrie.....	9	2	7	7	
Grundy.....	8		8	7	
Hamilton.....	7		7	7	
Hardin.....	14	1	13	13	
Harrison.....	15	1	14	14	
Hancock.....	2		2	2	
Howard.....	5		5	5	
Henry.....	9	3	6	6	
Humboldt.....	7	2	5	5	
Ida.....	5		5	5	

\* One gone out of business. † One died. ‡ One sold out. § Renkin has two permits. ¶ F. J. Atwater has two permits. ¶ No report.



## PERMITS ISSUED—CONTINUED.

COUNTIES.	No. of permits is- sued to phar- macists for me- dicinal use only.	No. forfeited since issued.	No. in force that reports no sales	No. now in force reporting sales.	No. general per- mits issued.
Iowa .....	12	1	12	2	
Jackson .....	34	1	13	14	
Jasper .....	9		9		
Jefferson .....	7		7		
Johnson .....	11		11	2	
Jones .....	12	2	10		
Keokuk .....	17	1	16	9	
Kossuth .....	5		1	4	5
Lee .....	16		3	13	10
Linn .....	23		2	21	
Louisa .....	8	1	7		
*Lucas .....	9		9	2	
Lyons .....	1		1	1	
Madison .....	2		2		
Mahaska .....	12	1	11	1	
Marshall .....	18	1	2	15	†
Mills .....	12		1	11	
Mitchell .....	7	1	6		
Marion .....	12		12	4	
Monroe .....	6		1	5	
Monona .....	6		6		
Montgomery .....	8	1	7		
Muscatine .....	6		6	6	
Osceola .....	4		4	4	
O'Brien .....	7		7	7	
Page .....	13	3	1	9	
Palo Alto .....	4		4		
Plymouth .....	8	1	7		
Polk .....	44	3	41	1	
Pottawattamie .....	28	2	26	5	
Pocahontas .....	5	1	4		
Poweshiek .....	7		7	7	
Ringgold .....	5		5	5	
Sac .....	8		8	1	
Scott .....	16	1	3	12	1
Shelby .....	7		1	6	
Sioux .....	8		8	2	
Story .....	12	1	11		
Taylor .....	11	1	10		
Tama .....	18	4	3	11	
Union .....	6		6		
Van Buren .....	7		7		
Wapello .....	14		14	1	
Warren .....	0		0		
Washington .....	7		7	7	
Wayne .....	8		8		
†Webster .....	12		12	1	
Winnebago .....	4		4	4	
Winneshiek .....	9	1	8		
Woodbury .....	13		13	3	

## PERMITS ISSUED—CONTINUED.

COUNTIES.	No. of permits is- sued to phar- macists for me- dicinal use only.	No. forfeited since issued.	No. in force that report no sales	No. now in force reporting sales	No. general per mits issued.
Worth .....	1	...	1	...	...
Wright. ....	6	1	...	5	...
Total .....	942	64	25	853	161
Total number pharmacy permits issued.....					942
Number forfeited .....					64
Number not in use.....					25— 89
Total number in force.....					853
Reported total general permits issued and in force August 15, 1887 .....					161

\*General permits will expire August 27, 1887.

†No report.

‡One general permit issued to Catholic priest.



# A PARTIAL LIST OF PROSECUTIONS SINCE LAST REPORT, AUGUST 15, 1885.

November, 1886. State v. R. D. Townly; before J. W. Rankin, justice of the peace, Wayne county; R. L. Parrish, attorney for prosecution. R. D. Townly, of Allerton, Wayne county, was convicted for violating the prohibitory law and for violating pharmacy law; conducting a drug store without registration. Fined \$100 and costs; fine paid.

December, 1886. State v. B. Griffin; before S. L. Doggett, justice of the peace, Delaware county; L. J. Pierson, attorney for prosecution. Byron Griffin, an unregistered partner of a registered pharmacist, convicted for selling intoxicating liquor under the permit of his partner and fined \$150 and costs; fine paid.

December, 1886. State v. B. M. Hopper; before C. W. Burton, justice of the peace, Linn county; L. J. Pierson, attorney for prosecution. B. M. Hopper, a registered pharmacist, certificate No. 1196, was convicted and fined \$75 and costs; fine paid.

December, 1886. The certificate of W. E. Wolfgang, No. 1908 and the certificate of J. E. Hardenbrook, No. 2359, were revoked under regulation No. 9, for fraud in examination.

November, 1886. State v. R. A. Greenfield; Superior Court, Creston, Judge Wilson; Gregory & Wicks, attorneys for prosecution. R. A. Greenfield, a registered pharmacist, certificate No. 2296, convicted and fined \$400 and costs for the unlawful sale of intoxicating liquor, and certificate revoked on the order of the court; fine paid.

August, 1886. State v. J. N. Ayers; before C. W. Burton, justice of the peace for Linn county; L. J. Pierson, attorney for prosecution. J. N. Ayers, a registered pharmacist, certificate No. 2670, convicted for unlawful sale of intoxicating liquor and fined \$350 and costs, and certificate revoked and business closed.

September, 1886. State v. J. G. Cain; before A. St. Clair Smith, justice of the peace for Linn county; L. J. Pierson, attorney for prosecution. J. G. Cain, a registered pharmacist, certificate No. 10, was convicted for unlawful sale of intoxicating liquor and fined \$100 and costs.

October, 1886. State v. E. W. Walker; before G. W. Hyatt, justice of the peace for Sac county; J. W. Cory, attorney for prosecution. E. W. Walker, a registered pharmacist, certificate No. 2909, registered by fraud. (S. C. Myers, a registered pharmacist), certificate No. 2779, personating E. W. Walker in an examination, was convicted and fined \$75 and costs and registration canceled.

November, 1886. State v. Geo. Allen; before C. W. Burton, justice of the peace for Linn county; L. J. Pierson, attorney for prosecution. Geo. Allen, an unregistered pharmacist, was convicted for illegal sale of medicines and poisons and fined \$25 and costs.

September, 1885. State v. Geo. H. Brown; before N. S. Hammack, justice of the peace, Des Moines county. G. H. Brown, an itinerant vendor of medicines was fined \$25 and costs for violation of section 10 of the pharmacy law.

February, 1886. State v. S. C. Myers; before G. W. Hyatt, justice of the peace of Sac county; R. S. Erwin, attorney for prosecution. S. C. Myers, a registered pharmacist, certificate No. 2779, was convicted and fined \$75 and costs for false representation in obtaining registration for another fraudulently—in violation of section 11 of the pharmacy law.

—, 1886. State v. H. C. Smith; District Court of Taylor county; District-Attorney Flick for prosecution. H. C. Smith, a registered pharmacist, certificate No. 1697, was convicted for unlawful sale of intoxicating liquors and fined \$100 and costs.

—, 1886. State v. H. C. Fordyce; District Court of Taylor county; District-Attorney Flick for prosecution. H. C. Fordyce, a registered pharmacist, certificate No. 341, was convicted and fined \$150 and costs for unlawful sale of intoxicating liquor.

—, 1886. State v. R. B. Rockwell; District Court of Taylor county; District-Attorney Flick for prosecution. R. B. Rockwell, a registered pharmacist, certificate No. 2387, was convicted and fined \$150 and costs for unlawful sale of intoxicating liquor.

—, 1886. State v. H. C. Hansen; before D. C. McMartin, justice of the peace of Polk county; J. A. Harvey, attorney prosecuting. H. C. Hansen, a registered pharmacist, certificate No. 1531, was convicted for failing to have his certificate conspicuously posted in his place of business as provided by section 4 of the law (20 months) and fined \$200 and costs.

October, 1886. State v. D. B. Cole; before C. W. Burton, justice of the peace, Linn county; L. J. Pierson, attorney prosecuting. D. B. Cole was convicted for conducting a drug store and selling medicines and poisons without registration, fined \$50 and costs.

January, 1887. State v. D. B. Cole; before A. St. Clair Smith, justice of the peace, Linn county; L. J. Pierson, attorney prosecuting. D. B. Cole, now a registered pharmacist, certificate No. 3072, was convicted for unlawful sale of intoxicating liquor—without permit—fined \$50 and costs, and certificate revoked, and business closed.

January, 1887. The certificates of H. G. Weber, No. 1433, and S. W. W. Straight, No. 259, were revoked under Regulation No. 20, for unlawful sale of intoxicating liquor.

January, 1887. S. M. Casey, attorney for prosecution; A. B. Stedman, a registered pharmacist, certificate No. 2330, was bound over for false pre-



tenses, cheating and perjury, in aiding registration for another; in default of appearance, judgment entered and his certificate revoked by the Commission.

June, 1887. S. M. Casey, attorney for prosecution; C. L. Yost, registered as per certificate No. 3003 was bound over for fraudulent registration by false pretense and subornation of perjury; in default of appearance judgment rendered, and certificate revoked by the Commission.

—, 1887. State v. F. A. Bryant; before —, justice of the peace, Cass county; G. W. Rightmire, attorney for prosecution. F. A. Bryant, a physician, convicted for violation of the pharmacy law in compounding and selling medicines and poisons and not being a registered pharmacist; left the State.

April, 1887. State v. F. J. Atwater; before S. L. Doggett, justice of the peace, Delaware county; L. J. Pierson, attorney for prosecution; F. J. Atwater, registered pharmacist, certificate No. 891; convicted and fined \$25 and costs for violating section 2 of the law, allowing a non-registered clerk to compound and dispense prescriptions and poisons.

April, 1887. State v. W. W. Thompson; before J. Kent, justice of the peace, Benton county; L. J. Pierson and county attorney, attorneys for prosecution; W. W. Thompson, a registered pharmacist, certificate No. 2223, was convicted on ten counts and fined on all of them; defendant demurred, and District Court, Judge Kinne, sustained the demurrer; State appealed; Supreme Court sustained the ruling of the District Court. See Supreme Court decision in State v. E. F. Douglass, which is a similar case.

March, 1887. State v. Henry C. Smith, and State v. J. R. Cameron; before S. L. Doggett, justice of the peace, Delaware county; L. J. Pierson, attorney for prosecution; Henry C. Smith and J. R. Cameron, unregistered clerks of J. E. Conger, convicted and fined each \$100 and costs for selling intoxicating liquors.

April, 1887. State v. Geo. F. Ellis; before A. St. Clair Smith, justice of the peace, Linn county; L. J. Pierson, attorney for prosecution; Geo. F. Ellis, a registered pharmacist, certificate No. 2350, was convicted and fined \$50 and costs for violation of pharmaco-liquor law.

April, 1887. State v. W. C. Green; before I. Carr, justice of the peace, O'Brien county; Milt. C. Allen, attorney for prosecution; W. C. Green was convicted and fined \$50 and costs for conducting a drug store without registration.

April, 1887. State v. Wm. Hamler; before I. Carr, justice of the peace, O'Brien county; Milt. C. Allen, attorney for prosecution; W. Hamler, an unregistered clerk, was fined \$50 and costs for violation of pharmacy law in compounding prescriptions and not under the supervision of a registered pharmacist.

April, 1887. State v. A. Schoel; before I. Carr, justice of the peace, O'Brien county; Milt. C. Allen, attorney for prosecution; A. Schoel, a reg-

istered pharmacist, certificate No. 2286, was fined \$25 and costs for violation of section 9 of pharmacy laws, for not keeping a record of sales of poisons; was also convicted and fined \$300 and costs for unlawful selling of intoxicating liquors.

April, 1887. State v. A. B. Smith; before J. B. Johnson, justice of the peace, Polk county; Geo. F. Henry, attorney for prosecution. A. B. Smith (of the firm of Kinney & Smith), a registered pharmacist, No. 3189, was convicted and fined \$50.00 and costs for allowing an unregistered person to dispense poisons, in violation of section 2, of the law, and store closed.

April, 1887. State v. G. W. Kinney; before J. B. Johnson, justice of the peace, Polk county; Geo. F. Henry, attorney for prosecution. G. W. Kinney (partner of A. B. Smith), unregistered, was convicted and fined \$100.00 and costs for conducting a drug store without registration; also fined \$100.00 and costs for selling poisons without registration, and store closed.

April, 1887. State v. Frank Higgins; before J. B. Johnson, justice of the peace, Polk county; Geo. F. Henry, attorney for prosecution. Frank Higgins, an unregistered owner of a drug store, was arrested and bound over to await the action of grand jury, under section 11, of the law, for conducting his drug store without registration; indicted and plead guilty in district court, Polk county, before Judge Given; fined \$100.00 and costs, and business closed.

—, 1887. State v. James Braniff; before L. B. Calendar, justice of the peace, Polk county; G. F. Henry, attorney for prosecution. James Braniff, whose certificate of registration, No. 444, had been forfeited, was convicted and fined for conducting drug business without registration.

—, 1887. State v. E. F. Douglass; before —, justice of the peace, Tama county; L. J. Pierson and County Attorney, attorneys for prosecution. E. F. Douglass, a registered pharmacist, certificate No. 2891, was convicted before the justice on a large number of counts, and fined on each count; he appealed to the district court, Judge Kinne, who dismissed the case; State appealed to Supreme Court, where the ruling of the district court was affirmed. See Supreme Court decision, State v. Douglass.

July, 1887. State v. L. Allard; before C. M. Mills, justice of the peace, Montgomery county; B. E. A. Simons, attorney for prosecution. L. Allard was convicted and fined \$25.00 and costs as an itinerant vendor of medical appliances and professing to cure diseases of the eyes, in violation of section 10, of the pharmacy law.

August, 1887. State v. L. F. Ross; before H. C. French, justice of the peace, Montgomery county; —, attorney for prosecution. L. F. Ross, a registered pharmacist, certificate No. 1097, was convicted for violating section 2, of the law, and fined \$25.00 and costs for permitting unregistered clerks to dispense medicines and poisons when not under the supervision of a registered pharmacist.

September, 1887. State v. H. C. Shank; District Court Montgomery county; —, attorney prosecuting. H. C. Shank, a registered pharma-



cist, certificate No. 1095, was convicted and fined \$350 and costs for unlawful selling of intoxicating liquor.

September, 1887. *State v. Frank Jiroushek*; before A. St. Clair Smith, justice of peace, Linn county; L. J. Pierson, attorney for prosecution. F. Jiroushek, a registered pharmacist, certificate No. 3063, plead guilty of selling intoxicating liquor without a permit, and fined \$150 and costs.

October, 1887. *State v. B. F. Erb*; before John Heater, justice of peace, Carroll county; Thos. Beaumont, attorney for prosecution. B. F. Erb, whose registration had forfeited by law, was arrested and bound over to await the action of the grand jury; grand jury failed to indict.

September, 1887. *State v. H. E. Swafford*; before J. B. Johnson, justice of peace, Polk county; —, attorney for prosecution. H. E. Swafford, a registered pharmacist, certificate No. 2948, permanently enjoined from the sale of intoxicating liquor; business closed.

October, 1887. *State v. L. J. Anderson*; before G. S. Garfield, justice of peace, Humboldt county; County Attorney, for prosecution. L. J. Anderson, registered pharmacist, certificate No. 641, plead guilty and was fined \$100 and costs and certificate revoked; business closed.

October, 1887. *State v. John W. Craig*; District Court Calhoun county; County Attorney, for prosecution. J. W. Craig, registered pharmacist, certificate No. 3108, enjoined for unlawful sale of liquor.

October, 1887. *State v. F. M. Cumpston*; before John Heater, justice of peace, Carroll county; E. H. Hurd, attorney for prosecution. F. M. Cumpston, an unregistered pharmacist, plead guilty to five counts and was fined \$125 and costs for conducting a drug store without registration; business closed.

October, 1887. *State v. A. J. Salts*; District Court Adams county; B. Brown, county attorney, H. T. Granger and R. L. Parrish, attorneys for the State. A. J. Salts, a registered pharmacist, certificate No. 2450, convicted and fined \$500 and costs for unlawful selling of intoxicating liquors; appealed to Supreme Court.

October, 1887. *State v. S. D. Selby*; District Court Adams county; H. T. Granger and County Attorney, for prosecution. S. D. Selby, a registered pharmacist, certificate No. 3122, indicted for unlawful sale of intoxicating liquors; case continued.

October, 1887. *State v. E. T. Twining*; District Court Adams county; H. T. Granger and County Attorney, for prosecution. E. T. Twining, a registered pharmacist, certificate No. 399, indicted for the unlawful sale of intoxicating liquors; jury disagreed, 16 for conviction and 2 for acquittal.

October, 1887. *State v. Pat. Hester*; District Court Palo Alto county; John Jeswold, jr., attorney for prosecution. Pat. Hester, an unregistered owner of a drug store, was convicted for selling intoxicating liquor unlawfully and permanently enjoined.

October 1887. *State v. S. K. Booth*; District Court, Judge Conrad, Polk

county; W. A. Spurrier, attorney for plaintiff. S. K. Booth, a registered pharmacist, certificate No. 2948, prosecuted for nuisance, unlawfully selling intoxicating liquors. Prosecution asked for an injunction. Pending the hearing the defendant removed his store from the building. Then on the defendant's plea of having abated the nuisance himself the Judge refused to grant the injunction.

—, 1887. *State v. Allen C. Houghland*; District Court of Washington county; Dewey & Eiecher, and county attorney, attorneys for prosecution. Allen C. Houghland, a registered pharmacist, certificate No. 2857, was convicted and fined \$1,000 and costs for unlawful sale of intoxicating liquors.

November, 1887. *State v. H. W. Gifford*; District Court Marshall county; L. J. Pierson and county attorney prosecuting. H. W. Gifford, registered pharmacist, certificate No. 820, was indicted, tried, and jury disagreed.

—, 1887. *James Braniff v. Weaver et al.*, Com'rs; District Court Polk county, Judge Kavanaugh. James Braniff, whose registration had been forfeited by law, having removed for a period of two years or more from the place where he was registered, was refused a renewal of his certificate by the Commissioners, whereupon he applied for a writ of mandamus to compel the Board to renew his registration. The court refused the writ. Braniff appealed to the Supreme Court. Ruling of District Court affirmed. See Supreme Court decision, *Braniff v. Weaver et al.*, page 26.

November, 1887. *State v. T. H. Varner*; before justice of the peace Boone county; H. A. Hoyt, attorney for prosecution. T. H. Varner, registered pharmacist, certificate No. 2851, was convicted for unlawful sale of intoxicating liquors, selling under a permit that had been forfeited. Appealed to District Court.

—, —. *State v. J. F. Cloughly*; District Court, Audubon county. J. F. Cloughly, registered pharmacist, certificate No. 2450, was convicted for unlawful sale of intoxicating liquor and fined \$500 and costs. Appealed to Supreme Court. Decision of District Court affirmed. See page 31 of this 4th Biennial Report for decision.

—, —. *State v. Shaw & Pine*; District Court, Cedar county; L. J. Pierson, attorney prosecuting. A. Shaw and P. R. Pine were indicted for unlawful selling of intoxicating liquor. Verdict of jury not guilty.

—, —. *State v. Marc Menter*; before justice of the peace Linn county; L. J. Pierson, attorney prosecuting. Marc Menter, registered pharmacist, certificate No. 2160, was arrested for unlawful sale of intoxicating liquor. Trial continued for three days. Justice failed to put the defendant under appearance bond. Pending the continuance the defendant disposed of his store and is now a fugitive from justice.

—, —. *State v. H. M. Griffin*; before justice of the peace Webster county; A. E. Clark, attorney prosecuting. H. M. Griffin, an unregistered partner of a store was convicted and fined \$25 and costs for dispensing poisons without registration.



—, —. State v. D. M. Johnson; District Court, Calhoun county; county attorney prosecuting. D. M. Johnson, registered pharmacist, certificate No. 1982, convicted and fined \$300 and costs for selling intoxicating liquors unlawfully.

August, 1887. State v. C. W. Harritt & Co. and W. E. Guilford and C. W. Harritt; before Marcus Kavanaugh, Judge, Polk county; R. L. Parrish, attorney for State; injunction proceedings. Perpetual injunction issued against Harritt & Co., and costs paid by Harritt & Co.; case dismissed as to W. E. Guilford, and still pending as to C. W. Harritt.

November, 1886. State v. O. A. Noel; District Court Clarke county; C. C. McIntyre and R. L. Parrish, attorneys for State. O. A. Noel, a registered pharmacist, No. 2660, plead guilty and was fined \$100 and costs.

February, 1887. State v. O. A. Noel; District Court Clarke county; C. C. McIntyre and R. L. Parrish, attorneys for State. O. A. Noel, a registered pharmacist, No. 2660, was convicted and fined \$300 and costs; certificate of registration revoked by Commission of Pharmacy on transcript of conviction.

November, 1886. State v. Jason Roberts; before L. A. Trent, justice of peace, Clarke county; R. L. Parrish and M. Temple, attorneys for State. Jason Roberts, a registered pharmacist, certificate No. 1033, convicted for unlawful sale of intoxicating liquor, fined \$100 for benefit of school fund and costs; agreed to send his liquors out of the State at once, and submitted to injunction and to quit business by May 1, 1887; sold out; stayed the fine—since paid it.

November, 1887. State v. Jason Roberts; District Court Clarke county; C. C. McIntyre and R. L. Parrish, attorneys for State. Jason Roberts, a registered pharmacist, certificate No. 1033, convicted and fined \$300 and costs for unlawful sale of intoxicating liquors.

January, 1887. State v. J. H. Nauerth; before O. T. Brainard, justice of peace, Tama county; —, attorney for the State. J. H. Nauerth, a registered pharmacist, certificate No. 2191, was convicted and fined \$50 and costs for unlawful sale of intoxicating liquors.

February, 1887. State v. Frank Snodgrass; before —, justice of peace, Fremont county; R. L. Parrish, attorney for the State. In this case, F. Snodgrass, a registered pharmacist, certificate No. 640, was before the justice under indictment for selling to a minor. Justice held that a druggist could sell to a minor if he had not been notified to the contrary by a relative or guardian, and case dismissed; after the justice made above ruling, the prosecution proceeded against him by injunction for nuisance, illegal sale of intoxicating liquors. This case was subsequently settled, defendant agreeing to abate the nuisance and submitting to temporary injunction against the illegal sale of intoxicating liquors and pay costs of suit.

February, 1887. State v. J. E. Reininghaus; District Court Van Buren county; Ben Johnston and R. L. Parrish, attorneys for the State. J. E.

Reininghaus, a non-registered pharmacist, was indicted for conducting a drug store and selling medicines and poisons without registration; case still pending.

February, 1887. State v. Davis & Stutsman; District Court Van Buren county; Ben Johnson and R. L. Parrish, attorneys for the State. Davis, an unregistered partner of Stutsman, plead guilty to unlawfully selling intoxicating liquors; fined \$800 and costs; stayed; by agreement case dismissed as to Stutsman.

April, 1887. State v. B. F. Garretson; District Court Clarke county; C. C. McIntyre, County Attorney, and R. L. Parrish, attorneys for State. B. F. Garretson, a registered pharmacist, certificate No. 810, was convicted and fined \$300 and costs for unlawful sale of intoxicating liquor; fine stayed.

May, 1887. State v. J. W. Crofford; District Court Decatur county; M. F. Stookey, County Attorney, and R. L. Parrish, attorneys for State. Was convicted and fined \$50 and costs for conducting pharmacy, not being a registered pharmacist.

January, 1887. State v. Hugh McCoy; District Court of Wayne county; C. W. Steele and Young & Parish, attorneys for State. Proceedings before justice of peace for illegal sales, and injunction proceedings in District Court. Trial before justice of peace, jury; defendant acquitted. Injunction proceedings sustained by agreement and injunction against defendant from sale of intoxicating liquors, and costs paid by defendant.

April, 1887. State v. S. Landis; District Court Clarke county; C. C. McIntyre, county attorney, and R. L. Parrish, attorneys for State; S. L. Landis, a registered pharmacist, certificate No. 847, was indicted, plead guilty, fined \$300 and costs, and fine paid.

April, 1887. State v. H. E. Gould; District Court Ringgold county; Robert Askren, county attorney, and R. L. Parrish, attorney for State; H. E. Gould, a non-registered pharmacist, convicted and fined \$50 and costs for conducting a drug store without registration; fine paid.

February, 1887. State v. J. D. Hepford and V. P. Hepford; District Court Clarke county; C. C. McIntyre, county attorney, and R. L. Parrish, attorney for State; convicted of keeping a nuisance and fined \$200 and costs.

April, 1887. State v. H. L. Cooledge; District Court Van Buren county; R. L. Parrish and county attorney, prosecution for State; H. L. Cooledge, a registered pharmacist, certificate No. 1369, was fined \$300 and costs and permanently enjoined for selling intoxicating liquors; fine stayed.

September, 1887. State v. L. U. Singer & Co.; before T. C. Mann, justice of the peace, Taylor county; R. L. Parrish, attorney for State; L. U. Singer & Co. plead guilty to failure to keep certificate posted up in store; fined \$100 and costs, and submitted to injunction against sale of intoxicating liquors.



## ANSWERS TO CORRESPONDENTS.

The Commissioners of Pharmacy receive many letters containing questions like the following:

Can any one not a registered pharmacist, by employing one who is, open and lawfully conduct a drug store, himself acting as principal?

Can any one not a registered pharmacist who is the owner and proprietor of a drug store, and is having the business conducted by a registered pharmacist in his employ, acting as principal, continue the business lawfully when his registered clerk is absent?

Can any one not a registered pharmacist employ an active practicing physician who is a registered pharmacist, and lawfully conduct a drug store by hanging the physician's certificate of registration up in the store?

Can a practicing physician who is a registered pharmacist conduct a drug store lawfully and leave his store in the hands of those who are not registered, while visiting his patients?

Can a registered pharmacist who is conducting a drug store lawfully leave his business in charge of clerks who are not registered?

Upon all these points sections 1 and 2 are plain, and to all we must answer in the negative.

Any one not a registered pharmacist, who procures the services of another who is registered, believing thus the trust imposed by law in the registered pharmacist is also extended to himself, is in error.

The hanging up in a store the certificate of a registered pharmacist affords no legal right to dispense medicines to any one other than the person to whom the certificate was issued.

*First.* Can a druggist holding a permit sell liquors to a person whose signature is illegible or who *purposely* writes his name so that no one can read it?

*Answer:* Such sales would *not be in good faith*, as provided by law. Registered pharmacists should identify all illegible signatures by underwriting same.

*Second.* If any person becomes intoxicated on liquor sold for medicinal purposes, is the druggist responsible for his intoxication?

*Answer:* No; unless said liquor was sold in bad faith, *i. e.*, ostensibly for a beverage.

*Third.* Can a druggist's permit be revoked unless he has been legally convicted by the courts of selling liquors contrary to law?

*Answer:* Yes; by Regulation No. 20. Revocation of pharmacy certificate

results in cancellation of county permit. See section 2, chapter 83, Laws of 1883, and Regulations.

What kind of bitters come under Regulation 17?

The Board does not undertake to classify or specify the innumerable proprietary preparations that can be used as an intoxicant. Every registered pharmacist must decide this question for himself until the courts determine the same.

Is it required by law for the druggist to record the sales of poisons to physicians?

Yes.

*First.* Can a registered pharmacist, without a U. S. license, yet holding a county permit, carry liquors for compounding and manufacturing medicines, but not for selling?

I would answer yes.

*Second.* Can a registered pharmacist, holding both U. S. and county papers, give liquors to a minor when the minor presents a written order from a person over 21 years of age?

I would answer: Yes, if the order is by Official Form E, and you recognize the signature of the adult, physician, parent or guardian, and that he is a proper person to sell to.

*Third.* What is the penalty for failure by the registered pharmacist to secure the signature of the purchaser?

I would answer: The same as for selling liquors contrary to law (Chapter 6, Title XI, as amended).

*Fourth.* Does the law excuse, or will one be subject to prosecution for occasional neglect to secure such signatures because of rush of business or any other such distracting circumstances?

I would answer: Sales of liquors should not be made under such circumstances.

*Fifth.* I notice by the last temperance report that few pharmacists have taken out permits to sell for mechanical, etc., purposes; can you inform me how such pharmacists satisfy such demands, which, though possibly small, are nevertheless real?

I would answer: They should not satisfy such demands for any intoxicating liquor; you can sell *wood alcohol* for mechanical purposes, *unfermented grape juice* for sacramental purposes, and utterly ignore the demand for so-called "culinary purposes."

The objects of the law is to provide for the protection of human life, by placing the distribution of medicines and poisons in the hands of those who have acquired skill sufficient to dispense them with accuracy and intelligence.

Some registered pharmacists in the State are still using the old editions of the United States Pharmacopœia. There is but one correct official text



or guide to govern pharmacists in the manufacture of official preparations. Many and important changes have been made by the committee of revision of the United States Pharmacopœia of 1880; in some articles the strength of the new official preparations differ from that laid down in former editions. An illustration is tincture of opium (laudanum), which is stronger in the new than the old by 6 grs. to the ounce, or about 17 per cent. Public safety demands uniformity. We therefore recommend that all registered pharmacists and all jobbers manufacturing official preparations for sale within the State to use only the formula of the United States Pharmacopœia of 1880, and that all who sell any preparations varying in strength from the official be required to label the same before being sold, with the strength of the preparation or its formula. The honor of the profession and the public safety demand a strict compliance with the above recommendation, and we also recommend that the same be incorporated into the law.

## PHARMACY REGULATIONS.

Regulation Nos. 1, 2, 3 and 4 having become null and void are omitted. (See Regulation No. 10.)

[GOVERNING SALE OF PARIS GREEN.]

### REGULATION No. 5.

The sale of Paris green (*i. e.*, arsenic and its preparations), being one of the poisons included in schedule A, section 9, of chapter 75, of the acts of the Eighteenth General Assembly, should be entered in the Poison Register. It is, therefore, unlawful for any person except a registered pharmacist to retail the same for any purpose whatever.

GEO. H. SCHAFER,  
R. W. CRAWFORD,  
C. A. WEAVER,

*Commissioners of Pharmacy.*

Adopted June 4, 1881.

[RELATING TO SALE OF HOMEOPATHIC MEDICINES.]

### REGULATION No. 6.

The sale of Homeopathic medicines (not proprietary), properly come under the regulations of the pharmacy law. The sale, therefore, of any quantity of arsenic, aconite, nux vomica, belladonna, and other poisonous preparations enumerated in schedules A or B, section 9, should be sold as therein required. A technical construction is warranted in the sale (except as provided in section 9), of a single bottle of these remedies, notwithstanding the contents of an entire bottle proved harmless, as the purchase and use of several bottles of same might prove fatal.

GEO. H. SCHAFER,  
R. W. CRAWFORD,  
C. A. WEAVER,

*Commissioners of Pharmacy.*

Adopted January 4, 1881.



## [SUPERSEDING OF CERTIFICATE.]

## REGULATION NO. 7.

In all cases where registered pharmacists have two certificates of registration, the last certificate issued will supersede the former, and renewals will be required on it only.

Adopted May 6, 1882.

## [TIME AND PLACES FOR EXAMINATIONS.]

## REGULATION No. 8.

*As amended April 30, 1887.*

Examinations will be conducted at Des Moines, Fort Madison and Ames, on the first and third Tuesdays of each month.

Blank applications can be obtained of either Commissioner, and should be filed with the Commissioner before whom the applicant will appear, in advance of examination day.

GEO. H. SCHAFER, Fort Madison,  
JOHN H. PICKETT, Ames,  
C. A. WEAVER, Des Moines,  
*Commissioners.*

Adopted April 30, 1887.

## [CANCELLATION OF CERTIFICATES FRAUDULENTLY OBTAINED.]

## REGULATION No. 9.

*As amended October 15, 1887.*

When the Commissioners of Pharmacy have cause for believing any improper aid was made use of by registered pharmacists, who passed examination on answers subscribed to under oath before notaries public, or any person acting under official instructions, or before a Commissioner of Pharmacy, they will summon such registered pharmacists before either one of the Commissioners, or the Board of Commissioners, for a supplementary examination, to verify the papers upon which such decision of their competency was based; and if they fail to reasonably verify such original examination when notified, the Commissioners will cancel their certificates and will strike their

names from the Register. And all persons registered "without examination," or "by examination," upon false representation, or by fraudulent means, will be stricken from the Register whenever the Board receive notice of conviction, as per section 11 of the pharmacy law.

JOHN H. PICKETT,  
GEO. H. SCHAFER,  
CHAS. A. WEAVER,  
*Commissioners of Pharmacy.*

Adopted October 15, 1887.

Attest:

C. A. WEAVER, *Secretary.*

## [REGULATIONS ANNULLED.]

## REGULATION No. 10.

*As amended June 10, 1887.*

Changes in the pharmacy law have made some new regulations necessary, and rendered some heretofore made unnecessary. Therefore, all regulations and parts of regulations in conflict with later regulations are annulled.

GEO. H. SCHAFER,  
JOHN H. PICKETT,  
C. A. WEAVER,  
*Commissioners of Pharmacy.*

Adopted June 10, 1887.

## [REVOCATION OF CERTIFICATES ON TRANSCRIPT OF COURT RECORDS.]

## REGULATION No. 11.

*As amended June 10, 1887.*

In all cases hereafter brought before the Commission of Pharmacy for the purpose of revoking certificates of registration, as provided in sections 7 and 9, of the pharmacy law, when said cases are based on court records, the prosecution will be required to file with the Secretary of this Board certified copies of same, showing final judgment of conviction under the law relating to the adulteration of drugs, chemicals or medicinal preparations, as provided in section 7; or to the law relating to the retailing of poisons, as provided in sec-



tion 9 of the pharmacy law; and that the convicted parties be identified by giving the number of their certificate; whereupon written notice will be served on the convicted registered pharmacist to show cause in writing, if any, why his or her name should not be stricken from the State Pharmacy Register.

JOHN H. PICKETT, Ames,  
C. A. WEAVER, Des Moines,  
GEORGE H. SCHAFER, Ft. Madison,  
*Commissioners of Pharmacy.*

Adopted June 10, 1887.

[RELATING TO ITINERANT LICENSES.]

REGULATION No. 12.

Section 10, of chapter 75, acts of Eighteenth General Assembly, as amended by chapter 137, acts of the Nineteenth General Assembly, entirely governs the licensing of itinerant vendors of *appliances of any kind intended for the treatment of diseases or injury*. The words "any itinerant vendor," applies to *each* traveling agent or seller who travels from place to place selling such appliances, and not to the manufacturer, unless said manufacturer also acts as an itinerant vendor.

Licenses issued under this section are transferable for the unexpired term by the last owner of said license sending same to the Secretary for record of transfer and indorsement thereon.

GEO. H. SCHAFER,  
R. W. CRAWFORD,  
C. A. WEAVER,

*Commissioners of Pharmacy for the State of Iowa.*

Adopted December 8, 1884.

[FORFEITURE OF REGISTRATION.]

REGULATION No. 13.

*As amended November 2, 1887.*

It is the ruling of the Board that hereafter renewals shall be refused to all pharmacists registered without examination, who have "voluntarily sold or parted with or severed their connection with the drug

business for a period of two years at the place designated in certificates of registration," and no renewal of certificates without examinations will be issued to such delinquents unless they file an affidavit showing that they are legally entitled to same.

JOHN H. PICKETT,  
GEO. H. SCHAFER,  
C. A. WEAVER,

*Commissioners of Pharmacy for the State of Iowa.*

Adopted November 2, 1887.

[SALE OF VERMICIDES.]

REGULATION No. 14.

*As amended September 9, 1886.*

The sale of "Rough on Rats" or any Vermicide containing poisons included in schedule A, section 9, of chapter 75, of the acts of the Eighteenth General Assembly, as amended, should be entered in the poison register. It is, therefore, unlawful for any person except a registered pharmacist to retail the same for any purpose whatever.

GEO. H. SCHAFER,  
R. W. CRAWFORD,  
JOHN H. PICKETT,

*Commissioners of Pharmacy for the State of Iowa.*

Adopted September 9, 1886.

[CAUTION SIGNALS FOR POISON CONTAINERS.]

REGULATION No. 15.

*As amended June 11, 1887.*

As an additional precaution in the dispensing and sale of poisons and potent medicines, registered pharmacists are required to affix a strip of rough emery paper or emery cloth around each shop bottle or other container from which they dispense morphine and other poisons. The aforesaid strip to be of not less than one-fourth of the



width of the altitude of the dispensing bottle, and to be pasted under the label of contents.

GEO. H. SCHAFER,  
JOHN H. PICKETT,  
C. A. WEAVER,  
*Commissioners of Pharmacy.*

Adopted June 11, 1887.

[OFFICIAL FORMS.]

REGULATION No. 16.

In accordance with Chapter 83, Laws of 1886, we have this day adopted the following official forms:

- A.—Petition of Freeholders.
- B.—Notice of Application for Pharmacists Permits.
- C.—Pharmacists Permit to keep and to sell Intoxicating Liquors.
- D.—Shipping Permit.
- E.—Duplicate Applications for Purchasers.
- F.—Monthly Reports to County Auditors.
- G.—Reports of twenty-five per cent Enforcement Fund.

GEO. H. SCHAFER,  
C. A. WEAVER,  
R. W. CRAWFORD,

*Commissioners of Pharmacy for the State of Iowa.*

April 8, 1886.

[PROPRIETARY MEDICINES CONTAINING INTOXICATING LIQUORS.]

REGULATION No. 17.

All *Bitters, Cordials, Elixirs, Wines, etc.*, put up in the form of proprietary medicines, that can be used as an intoxicant, can only be sold by Registered Pharmacists having pharmacist's permits, and then only in the same manner as any other intoxicating liquors, by requiring purchasers to apply as per form "E."

GEO. H. SCHAFER,  
JOHN H. PICKETT,  
R. W. CRAWFORD,

*Commissioners of Pharmacy for the State of Iowa.*

Adopted May 8, 1886.

[DOMESTIC REMEDIES.]

REGULATION No. 18.

The words "*such other domestic remedies*," as referred to in section 4, chapter 83, Laws of 1886, are hereby construed to mean:

Un-official remedies, or such simples as are kept or non-secret preparations that are made in one's own home. The law itself provides that same "*do not include any intoxicating liquors or poison.*"

GEO. H. SCHAFER,  
JOHN H. PICKETT,  
R. W. CRAWFORD,

*Commissioners of Pharmacy for the State of Iowa.*

Adopted May 25, 1886.

[RELATING TO PHARMACISTS' PERMITS.]

REGULATION No. 19.

Form A as amended August 17, 1886 (Petition of freeholders); form E as amended May 7, 1886 (Duplicate applications for purchasers); form F as amended July 1, 1886 (Monthly Reports to County Auditors), are this day adopted as official forms, in accordance with law.

The duplicate applications for intoxicating liquor as a medicine must be countersigned at the time such sale is made by the Registered Pharmacist holding permit or by his registered clerk. No clerk, apprentice, or other person who is not a Registered Pharmacist can lawfully make such sales by form "E" or otherwise.

County Auditors are hereby authorized to refuse to issue shipping permits, unless the registered pharmacist holding a permit, makes a monthly report of sales of intoxicating liquors or files an affidavit he has made no sales of same since date of last report.

GEO. H. SCHAFER,  
R. W. CRAWFORD,  
JOHN H. PICKETT,

*Commissioners of Pharmacy for the State of Iowa.*

Adopted August 17, 1886.



[REVOCATION OF CERTIFICATES BY DIRECT EVIDENCE.]

## REGULATION No. 20.

*As Amended June 9, 1887.*

In all cases hereafter brought directly before the Commission of Pharmacy for the purpose of revoking certificates of registration for violations of sections 7, 8 and 9, of the Pharmacy Law, the petitioners will be required to state name, locality and number of certificate of party complained of and to file with the Secretary of this Board affidavits in duplicate, specifically showing the violations upon which revocation is sought; whereupon written notice shall be served by the petitioner on the Registered Pharmacist against whom such complaint is made, to show *cause within twenty days*, by affidavits in duplicate, why such action should not be taken and his name stricken from the Register. The Registered Pharmacist contesting such action will, upon request, be furnished one set of the duplicate affidavits filed by petitioners, for the purpose of making his answer, and the petitioners, upon request, will be furnished one set of the contestant's affidavits before such investigation is closed, and ten days time shall be given for filing affidavits in rebuttal.

Either the Registered Pharmacist or the petitioner shall have the right to cross-examine any party making such an affidavit, touching the matters contained therein, before a notary public, at the place of residence of such affiant, upon five days notice to the other party; such cross-examination to be at the expense of the party demanding and conducting it, for witness and notary fees, and to be in all respects governed by the statutes of the State controlling the taking of depositions to be used in the District Court, so far as applicable. All notices required by this regulation shall be served in the manner provided by the statutes of the State for the service of an original notice in the District Court, and due return of such service shall accompany each notice.

GEO. H. SCHAFER,  
JOHN H. PICKETT,  
C. A. WEAVER,

*Commissioners of Pharmacy for the State of Iowa.*

Adopted June 9, 1887.

[REGULATIONS TAKE EFFECT.]

## REGULATION No. 21.

All Pharmacy Regulations to take effect and be in force ten days after the date of their first publication in the Official Circular of the Commission of Pharmacy.

R. W. CRAWFORD,  
JOHN H. PICKETT,  
GEO. H. SCHAFER,

*Commissioners of Pharmacy for the State of Iowa.*

Adopted September 9, 1886.

[PROPRIETARY MEDICINES CONTAINING POISON.]

## REGULATION No. 22.

Under the provisions of chapter 83, laws of 1886, all proprietary medicines containing poison can only be sold by Registered Pharmacists as provided by the Pharmacy Law and Pharmacy Regulations.

JOHN H. PICKETT,  
R. W. CRAWFORD,  
GEO. H. SCHAFER,

*Commissioners of Pharmacy for the State of Iowa.*

Adopted September 9, 1886.

[GOVERNING SALE OF CONCENTRATED LYE AND POTASH.]

## REGULATION No. 23.

Concentrated lye and potash are "poisonous substance" (see section 4038 of the Code) that have caused more deaths and accidental poisoning than all other poisons. As the sale of these poisons are now within the purview of the Commissioners of Pharmacy, in accordance with chapter 83, laws of 1886, providing that Registered Pharmacists shall have the sole right to keep and to sell all poisons, therefore concentrated lye and potash can only be legally sold by Registered Pharmacists who are hereby required to sell the same as provided by schedule B of section 9 of the Pharmacy law.

GEO. H. SCHAFER,  
JOHN H. PICKETT,  
R. W. CRAWFORD,

*Commissioners of Pharmacy for the State of Iowa.*

Adopted September 9, 1886.



[A PHARMACIST'S AUTHORITY TO BUY AND SELL LIQUOR UNDER A PERMIT.]

## REGULATION No. 24.

A Pharmacist's Permit indicates the authority under which he keeps and sells intoxicating liquors as a medicine to any physician, druggist, or other person, who applies per official form "E," and who is not interdicted from receiving liquors, or the Registered Pharmacist from delivering to such applicant, as provided by the last three paragraphs of section 2, chapter 83, laws of 1886 and the regulations of the Commission of Pharmacy.

A Registered Pharmacist holding a permit may purchase intoxicating liquor for re-sale for medical use, from a wholesale dealer selling under a General Permit (chapter 6, Title XI), provided he furnish a shipping permit ("official form D"), to accompany each shipment, and not otherwise.

There are now no legal permitted retail dealers of liquor for the purpose of medicine except as provided by the pharmacy law of 1886, and it does not debar a Registered Pharmacist holding a pharmacist's permit from selling to another Pharmacist holding such permit.

When a Pharmacist holding a permit purchases intoxicating liquor for re-sale from a local or distant Registered Pharmacist, he is required to apply as per official form "E," and if to be transported by any railway company, express company, or any common carrier to furnish a shipping permit as per "official form D," to accompany each shipment.

When he or any one buys intoxicating liquor for medicinal use, and NOT TO SELL, he is only required to furnish duplicate applications as per "official form E" to the registered pharmacist holding a permit to sell for the actual necessities of medicine only, as provided by section 2, chapter 83, laws of 1886 and the regulations of the Commissioners of Pharmacy.

GEO. H. SCHAFER,  
JOHN H. PICKETT,  
R. W. CRAWFORD.

*Commissioners of Pharmacy for the State of Iowa.*

Adopted March 31, 1887.

[COMMISSION PHARMACY—OFFICIAL FORM A, as amended Aug. 17, 1886.  
PETITION OF FREEHOLDERS.

To the Honorable Board of Supervisors of.....County, Iowa.

We, the undersigned freeholders, having the qualification of electors of (township, town or ward) \_\_\_\_\_, State of Iowa, do hereby certify that \_\_\_\_\_, Registered Pharmacist, \_\_\_\_\_, Iowa; that he is a person of good moral character, and is not a minor.

AND WE FURTHER CERTIFY, that we personally know that he is now, and has been for the six months last preceding, a proprietor of, and lawfully conducting the drug store or pharmacy in the (township, town or ward) ....., county, Iowa, located....., and we believe him to be a proper person to buy and sell intoxicating liquor for the actual necessities of medicine.

WE ALSO CERTIFY, that he exhibited to us before we signed this petition, a certified statement from the Secretary of the Commission of Pharmacy, under the official seal of said Commission, that he is a Registered Pharmacist, and that his certificate of Registration No. ...., is now, and has been for the six months last preceding, in full force and effect for the town of ..... county, Iowa.

NAMES.

NAMES.

[illegible]



[Commission of Pharmacy—Official Form B.]  
NOTICE OF APPLICATION FOR A PHARMACIST'S PERMIT.

NOTICE is hereby given that ..... county, Iowa, has  
Registered Pharmacist of .....  
made application for a permit to keep and sell intoxicating liquors in the (town, township or ward) of .....  
as provided by Chapter 83, of the Laws of 1884, and the ..... day of ..... 188.., has been set for the final hearing of said application  
by the Board of Supervisors of said county. .... Auditor.

NOTE.—Instead of this form, the registered pharmacist may himself give notice when he will present petition to Board of Supervisors.

[Commission of Pharmacy, Official  
Form B.]

PROOF OF PUBLICATION OF NOTICE  
OF

APPLICATION FOR PHARMA-  
CIST'S PERMIT TO KEEP  
AND TO SELL INTOXI-  
CATING LIQUORS.

..... County.

Filed ..... 188..

..... Auditor.

..... Deputy.

STATE OF IOWA, } ss.  
..... County.

I, .....  
on oath depose and say that on the  
..... day of ..... 188..  
I posted two notices, of which the  
within is a correct copy, in the .....  
Ward, ..... Township, .....  
County, Iowa (or newspaper's affida-  
vit of said publication).

Subscribed and sworn to before me  
by .....  
this ..... day of ..... 188..  
.....

[Commission of Pharmacy—Official Form C.]

PHARMACIST'S PERMIT TO KEEP AND TO SELL INTOXICATING LIQUORS  
FOR MEDICINAL USE ONLY.

STATE OF IOWA. } ss.  
..... COUNTY.

WHEREAS, ..... Registered Pharmacist,  
of the firm of ..... did on  
the ..... day of ..... A. D. ...., file with  
the Auditor of said county a petition for a permit to keep and to sell intox-  
icating liquors for medicinal purposes only, in the (township, town or ward)  
of .....  
in the county and State aforesaid; and it appearing that said Registered  
Pharmacist's Certificate of Registration, No. ...., is in full force and  
effect, in accordance with the Pharmacy laws of the State of Iowa, and the  
Board of Supervisors being duly satisfied that the requirements of the law  
have in all respects been fully complied with, and that said applicant is en-  
titled to a permit as provided by Chapter 83, Laws of 1883, it is ordered that  
he be and is hereby permitted to keep and to sell intoxicating liquors for  
medicinal purposes only, at the place aforesaid, so long as his Certificate of  
Registration is in full force and effect, under such regulations as have been  
or may be established from time to time by the Commissioners of Pharmacy  
for the State of Iowa.

IN TESTIMONY WHEREOF, and pursuant to and order  
of the Board of Supervisors of .....  
county, Iowa, made on the ..... day of  
..... A. D. 188.., said board has  
caused these presents to be signed by its Chairman, and  
caused the seal of said county to be hereunto affixed.

.....  
Chairman Board of Supervisors.

..... County, Iowa.

ATTEST:

..... Auditor.



## SHIPPING PERMIT.

(To be retained in Office of County Auditor.)

DUPLICATE.

....., Registered Pharmacist, is authorized to receive  
Intoxicating Liquors in ..... County, Iowa.

"And the presentation of this Permit to any Railway Company or common carrier within the borders or traversing the territory of the State of Iowa, conveys full authority to receive and transport and deliver the following specified packages and kinds of Intoxicating Liquors to the aforesaid Registered Pharmacist :"

SPECIFIED PACKAGES.	KINDS OF LIQUOR.

[SEAL.]

(A TRUE COPY.)

Signed, ..... 188...

..... County Auditor.

..... Deputy.

## SHIPPING PERMIT.

(The Original and Duplicate are to be filled out by the Pharmacist and sent to the County Auditor, who attaches his signature and seal, certifies and files the Duplicate in his office, and returns the Original to the Pharmacist to forward to shipper.)

ORIGINAL.

....., Registered Pharmacist, is authorized to receive  
Intoxicating Liquors in ..... County, Iowa.

"And the presentation of this Permit to any Railway Company or common carrier within the borders or traversing the territory of the State of Iowa, conveys full authority to receive and transport and deliver the following specified packages and kinds of Intoxicating Liquors to the aforesaid Registered Pharmacist :"

SPECIFIED PACKAGES.	KINDS OF LIQUORS.

[SEAL.]

Signed, ..... 188...

..... County Auditor.

..... Deputy.

To Accompany EACH Shipment.

## SHIPPING PERMIT

ISSUED TO

Registered Pharmacist

County, Iowa,

188

I hereby certify that the within is a  
true copy.

Auditor.

Deputy.



**NOTICE TO PUBLISHERS.**—The following quotations from the Pharmacy Law need not be printed on each application blank, but it should at least be printed on the cover or binding of them, where it is handy to refer to.

92

The pharmacy law requires that "the Registered Pharmacist to whom application is made shall refuse to execute the same if he has reason to believe the application is not made in good faith, and that the liquor would be used as a beverage. He shall not accept an application from a minor or from any person who is in the habit of becoming intoxicated, or when any relative of such person has given written notice to said pharmacist that such person uses intoxicating liquors as a beverage. The drinking of intoxicating liquors in a pharmacy, whether under a permit or not, shall be presumptive evidence that the same was sold or given away by such pharmacist contrary to law."

[COMMISSION OF PHARMACY. OFFICIAL FORM E—AS AMENDED MAY 7, 1886.]

SIGNED IN DUPLICATE.  
Which may be done by the use of Carbon paper.

To \_\_\_\_\_, Iowa, \_\_\_\_\_, 188\_\_\_\_  
Reg. Ph., No. \_\_\_\_\_

I am not a minor, am not in the habit of becoming intoxicated, and hereby apply for

AMOUNT.

KIND OF LIQUOR.

Which shall be used only for the actual necessities of medicine.

For \_\_\_\_\_

Purchaser

(N. B. This form representing only one of the duplicates.)

Dispensed by

Reg. Ph., No.

COMMISSION OF PHARMACY REPORT.

[E 3

1887.]

COMMISSION OF PHARMACY REPORT.

93

☐ Attach the Original Applications here ☐ with Paper Fasteners.

COMMISSION OF PHARMACY—OFFICIAL  
FORM F.  
(As amended August 17, 1886.)

MONTHLY REPORT

OF

Intoxicating Liquors.

SOLD UNDER PERMIT

Of \_\_\_\_\_  
Registered Pharmacist.

From \_\_\_\_\_ 188\_\_\_\_

To \_\_\_\_\_ 188\_\_\_\_

Filed in my office

188\_\_\_\_

County Auditor.

MONTHLY REPORT.

On or before the 10th of each month, hereto attach all original applications of preceding calendar month, stating the total number of applications in blank space, then execute this affidavit and file it with the County Auditor.

STATE OF IOWA, } ss.  
..... County.

I, \_\_\_\_\_ Reg. Phar., on oath, depose and say that I hereto attach \_\_\_\_\_ Original Applications SPECIFICALLY SHOWING all sales of Intoxicating Liquors made during the preceding calendar month, under permit of \_\_\_\_\_ Reg. Ph. No. \_\_\_\_\_, the amount, to whom sold, by whom dispensed, and the purposes for which the same was to be used, as represented by duplicate applications executed by each purchaser.

Subscribed and sworn to before me by \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, A. D. 188\_\_\_\_



## PHARMACY NOTICES.

## No. 1.

WHEREAS, Certain registered pharmacists who are not qualified by law to obtain a permit to sell intoxicating liquors, have by false representation, fraud, or otherwise, secured the signatures of one-fourth of the freeholders necessary to procure such permits; and,

WHEREAS, In one instance, a board of supervisors have issued permits on such showing, notwithstanding a resident appeared, as provided by law, "to show cause why such permits should not be granted," the Commission of Pharmacy give this notice to whomsoever it may apply, that all parties who assume to act under a permit fraudulently obtained will be prosecuted for keeping or selling intoxicating liquors contrary to law, and thus contest the validity of such permit in the courts.

Adopted May 25, 1886.

## No. 2.

The recent amendment to the pharmacy law cures the defects that have heretofore in a measure prevented the enforcement of the law against certain classes of itinerant vendors, including itinerant vendors of *proprietary medicines* or so-called *patent medicines*, and now a large number will be compelled to retire from the business or be required to pay the itinerant license fee of \$100.00 per annum as required by section 10, chapter 75, Acts of the Eighteenth General Assembly as now amended.

We request all interested in the enforcement of the law to notify the Commission of any violators of the law, when they will be promptly prosecuted.

(Signed)

R. W. CRAWFORD,  
JOHN H. PICKETT,  
GEO. H. SCHAFER,

*Commissioners of Pharmacy for the State of Iowa.*

Adopted May 25, 1886.

## No. 3.

The public demand for beer even for dietetical (culinary) purposes borders so closely upon its use as a beverage that many people do not hesitate to stultify themselves, by making application therefor to Registered Pharmacists under the pretense that it is to be used for the actual necessities of medicine. This has a tendency to lead to a great abuse of the Registered Pharmacist's privilege to sell intoxicating liquors. We therefore most earnestly recommend that Registered Pharmacists refrain from selling beer except in cases of extreme necessity.

R. W. CRAWFORD,  
JOHN H. PICKETT,  
GEO. H. SCHAFER,

*Commissioners of Pharmacy for the State of Iowa.*

Adopted August 18, 1886.

## No. 4.

For the purpose of facilitating the enforcement of the pharmacy law, the State has been districted, and the counties assigned to each of the Commissioners as follows:

To COMMISSIONER GEO. H. SCHAFER, FT. MADISON.—The counties of Appanoose, Adams, Cass, Clarke, Cedar, Clinton, Davis, Decatur, Delaware, Des Moines, Dubuque, Fremont, Henry, Iowa, Jackson, Jefferson, Johnson, Jones, Keokuk, Lee, Linn, Louisa, Lucas, Mills, Montgomery, Monroe, Muscatine, Page, Pottawattamie, Ringgold, Scott, Taylor, Union, Van Buren, Wapello, Washington and Wayne.

To COMMISSIONER JOHN H. PICKETT, AMES.—The counties of Benton, Boone, Buena Vista, Calhoun, Carroll, Cherokee, Clay, Crawford, Dickinson, Emmet, Greene, Hamilton, Hancock, Harrison, Humboldt, Ida, Kossuth, Lyon, Marshall, Monona, O'Brien, Osceola, Palo Alto, Plymouth, Pocahontas, Sac, Sioux, Story, Tama, Webster, Winnebago, Woodbury and Wright.

To COMMISSIONER C. A. WEAVER, DES MOINES.—The counties of Adair, Allamakee, Audubon, Bremer, Black Hawk, Buchanan, Butler, Cerro Gordo, Chickasaw, Clayton, Dallas, Fayette, Floyd, Franklin, Grundy, Guthrie, Hardin, Howard, Jasper, Madison, Marion, Mahaska, Mitchell, Polk, Poweshiek, Shelby, Warren, Winneshiek and Worth.

Adopted June 11, 1887.



## No. 5.

The Commission of Pharmacy have heretofore given frequent notice to all concerned in the enforcement of the law, that violators would be promptly prosecuted. The successful prosecutions and Supreme Court decisions affirm the force and effect of the law; the law clearly indicates what is a violation of the law in any manner. The law itself indicates what would be held an "abuse of the trust" reposed in Registered Pharmacists by distinctly providing that the sale of liquor as a beverage, its sale to a minor, to a person in the habit of becoming intoxicated or when any relative of such person, has given written notice that such person uses intoxicating liquors as a beverage or if sales are not made in good faith, that same would be used as a beverage, is a violation of the law and *not within the trust*, and the drinking of such liquor in a pharmacy is by law declared to be presumptive evidence that the same was sold or given away contrary to law. For all these violations and violations of other features of the law, ample penalties are provided.

The Commission will take cognizance of and institute legal proceedings in all properly formulated cases, when reliable witnesses are cited or evidence furnished that can be used in the courts. All cases of violations so reported will receive the prompt attention of the Commissioner in charge of the district (as per pharmacy notice No. 4) in which the violation has been committed, either in person or by an attorney.

Adopted September 10, 1886.

## SPECIAL NOTICE.

The Commissioners desire to call the attention of all Registered Pharmacists to some of the important points of the law :

1st. That none but Registered Pharmacists can conduct a drug store or pharmacy, they must be the Principals and managers of the store in *all its management*; neither can they allow anyone not registered to sell medicines or poisons, or dispense physicians' prescriptions, except under their direct supervision.

(See Supreme Court decisions, *State vs. Norton*.)

2d. Sales of medicines and poisons, including intoxicating liquor for medicinal use, can only be made by a proprietor, principal or clerk who is a Registered Pharmacist, and who is required to keep a record of poisons, and countersign all applications for intoxicating liquors executed by him.

3d. The certificates of all Registered Pharmacists must be conspicuously posted in the place of business or pharmacy which they are conducting, or in which they are employed, with the renewal certificate placed in the lower left hand corner and change of locality certificate (if they have changed their locality) in lower right hand corner of each certificate, to show to the public that their certificates of registration are in full force and effect.

4th. Under a late decision (see Regulation No. 13) all Registered Pharmacists who were registered without examination (green or red seal certificates) forfeit their registration when they have voluntarily sold, parted with, or severed their connection with the drug business for a period of two years at the place designated in certificate of registration; that is, those who voluntarily sever their connection with the drug business and remain out of business for a period of two years forfeit their registration, and those who voluntarily sell out their business or remove to another place forfeit their registration in two years from the day they sold out or severed their connection with the drug business at the place designated in certificate of registration. All such who wish to re-engage or continue in the practice



of pharmacy are required to be registered by examination. Certificates of registration by examination are non-forfeitable.

5th. All Registered Pharmacists, when they change their locality, are required to notify the Secretary of the Commission, and have their change of locality recorded, otherwise they are liable to a fine for each month's delinquency, and when so delinquent their certificates are not in full force and effect.

6th. On April 8, 1886, we published the pharmacy laws in the order in which the different acts were enacted, with the marginal notes to those sections which have been changed, showing how amended, repealed and substituted by the later acts. Since then we have it printed *as amended*.

7th. A Registered Pharmacist's certificate is regarded "*in full force and effect*" when he holds a renewal of his certificate from March 22d to March 22d of the current year and change of locality certificate if he has changed his location, unless subsequently forfeited or revoked, and County Auditor notified of same by Commissioners of Pharmacy, as required by law. Evidence of such annual renewal and change of locality may be furnished boards of supervisors by submitting the original or copies of annual renewals and change of locality certificates, as proof that the registered pharmacist's certificate "*is in full force and effect.*"

*Special notice 7th of the official circular of April 8, 1886, is hereby amended this 10 day of September, 1886, by adding the following thereto:*

Whereas, annual renewals are not required or issued for the first part of a year preceding the 22d day of March, the pharmacist's certificate of registration is evidence that it is in full force and effect from the date of its issuance to the following 22d day of March; however, the certified statement up to date of the Secretary of the Commission of Pharmacy under official seal of said Commission, is regarded the best legal evidence as to whether a person is registered or not.

8th. It may appear superfluous to say to all Registered Pharmacists what is necessary to say only to some; but we must add a few words of CAUTION, for all to study the pharmacy law and regulations to comply with same themselves, and have others comply with the law; and when necessary for us to enforce it, to furnish full and accurate information, with names of witnesses, etc.

The law is now free of doubt, and "doubtful substitutes," and will

on consideration secure the respect of the people, all of which will favor its rigid enforcement. And this is to notify all, now that some means have been placed at our disposal for its enforcement, prosecutions will be more prompt in the future than in the past.

Respectfully,

GEO. H. SCHAFER,  
R. W. CRAWFORD,  
C. A. WEAVER,

*Commissioners of Pharmacy.*

From Official Circular of April 8, 1886.

#### SECRETARY'S NOTICE.

No. 1. N. B. It may not occur to registered pharmacists the amount of time it takes in looking up the records of a Registered Pharmacist without having the number of his certificate, as well as the difficulty sometimes in identifying his name without his number. It is impossible to keep a correct alphabetical list of names, owing to the constant change, some names retiring and new names being added. When we have the number of a certificate we can turn to the records in a moment on the numerical list.

Having frequently made the request heretofore, we again earnestly request all registered pharmacists when corresponding or desiring any matters of information from this office to give the number of their certificate with their names.

From Official Circular, May 28, 1886.



OFFICE OF THE COMMISSIONERS OF PHARMACY  
FOR THE STATE OF IOWA,  
DES MOINES, IOWA, Dec. 11, 1886.

*Messrs. Poole, Gilliam & Co., and other Wholesale Grocers of Dubuque, Iowa:*

GENTLEMEN—Reply to your communication of October 25th has been, necessarily, delayed until present meeting of the Board, when all members could be present to consider same.

In reference to the legal propositions advanced by your attorneys, we subjoin the opinion of our attorney, and in reply to the general arguments we submit copy of communication published in the *State Register* of November 14th, with the following answers to such particular inquiries as are not therein referred to:

Regulation No. 23 does not seek to prevent any dealer from selling at wholesale unopened cases of lye and potash. It applies only to dealers selling to consumers; it does not interfere with a purely commercial transaction as between a wholesale and retail dealer. Under a similar ruling this Board has held that wholesale druggists who do not retail medicines and poisons are not required to be registered pharmacists, and in the exercise of a discretionary power to make regulations relating thereto the Commissioners do not deem it necessary to control such sales, except as provided for sales direct to consumers. This construction is based upon the law "regulating the practice of pharmacy and the sale of medicines and poisons," from which we quote:

Sec. 2. For any person "to retail," except as therein provided.

Sec. 5. Providing for examination of persons "who shall desire to conduct the business of selling at retail."

Sec. 9. "To retail any poisons."

Sec. 11. "Place for retailing," etc.

Hence, wherever the words "to sell" or "selling" are used they are construed to mean the same as "to retail" or "retailing," and not to wholesale transactions between dealers.

There is no demand for a change of this rule since the enactment of chapter 83, Laws 1886, which restricts the sale of all poisons to registered pharmacists, and by implication repeals the words "or other

person" of section 4038 of the Code, thus bringing this section under the purview of the Commissioners of Pharmacy and the words "any person who may dispose of at retail any poisonous substance or liquid to any one for any purpose," authorizes no other construction.

Under the law it is the duty of the Commissioners of Pharmacy to establish regulations to more particularly designate unknown "poisonous substances," or compounds, by whatever popular name they may be sold, and to declare new substances, that are discovered or coming into use from time to time, Poisons if such they be. Many poisons and preparations like chloral, cocaine, etc., would otherwise be indiscriminately sold and used, unless the public are apprized by a caution-label of their baneful effects and poisonous nature, and unless restrictions are imposed by such general terms as impliedly cover all poisons.

Carbolic acid is often largely used as a disinfectant, but such use does not exempt it from the law regulating the sale of this poisonous substance. The fact that arsenic, carbolic acid, and concentrated lye are used in large quantities does not make them any less dangerous than when sold "by the grain."

If it can be maintained that the sale of concentrated lye and potash cannot be placed under official regulation when it is not used as a medicine what is to be done with "Paris Green," "Rough on Rats" and other poisons in common use for other than medicinal purposes?

The question is asked whether there has ever been a case of poisoning from concentrated lye that would not have taken place if the sale had been made by a druggist instead of a grocer. The answer to this question would be more difficult if the grocer had followed the requirements of a provision which has been on our statute books for twenty years, and had labeled the packages "poison." This much needed protection to the public will be, in a measure, secured by restricting the right to sell in the future to registered pharmacists.

Numerous instances of deaths from handling unlabeled packages of concentrated lye have been brought to our notice, and can be furnished you at any time. To detail them here would prolong this communication to a useless length.

One of the results of such regulation will be subject to the dealer selling concentrated lye in violation of its requirements, to an action in damages, by any person injured as a result of such violation; again, when the people more generally see the propriety of restricting the indiscriminate sale of poisonous substances, they may demand more strict enforcement by collection of penalties.



These various considerations and the advice of our counsel lead us to decline to rescind our action as expressed in Regulation No. 23.

If satisfied that it or any other regulation is contrary to the welfare and demands of the general public, we shall exercise our discretionary power in enforcing the same so that it will work no hardship to any one. We appreciate your course in endeavoring to arrive at an understanding of our position, and if it appears to you to be unwarranted in law, we invite you to the further effort to make up an agreed case for early submission to the courts, that the matter may be set at rest.

Yours respectfully,

GEO. H. SCHAFER,  
R. W. CRAWFORD,  
J. H. PICKETT,  
*Commissioners.*

DES MOINES, IOWA, December 10, 1886.

*To the Honorable Commissioners of Pharmacy of the State of Iowa:*

SIRS—I have examined your Regulation No. 23, with respect to the power of your body to make the same, and would submit the following for your consideration:

Section 4038 of the Code provides that if any person shall sell and deliver *any poisonous liquid or substance*, without the proper label, he shall be punished by a fine and imprisonment, also that any person who may dispose of at retail any poisonous substance or liquid, to any one for any purpose, shall register same in a book, etc., and any failure to comply with the requirements of the section shall subject the party to fine, etc.

Chapter 75, of Acts of Eighteenth General Assembly, provides in section 1, that no person not a registered pharmacist shall conduct a place in which to retail, compound or dispense medicines or poisons for medical use, except as thereafter provided.

Section 2 provides that no one not a registered pharmacist shall compound prescriptions or retail or dispense poisons for medical use, except as an aid to a registered pharmacist.

Section 9 enumerates certain poisons which it shall be unlawful for any person to sell, except as therein provided, and especially ex-

cepts from its operation poisons dispensed in not unusual doses upon the prescriptions of physicians.

In this state of the law I think it must be conceded that *any person* could sell poisonous substances, not for medical use, upon a compliance with the provisions of section 9, of chapter 75, Acts of Eighteenth General Assembly, with respect to poisons therein enumerated, and a compliance with section 4038 of the Code as to others.

In this state of the law chapter 83, Laws of Twenty-first General Assembly, is passed. It provides, section 2: "Pharmacists whose certificates of registration are in full force and effect shall have the sole right to keep and to sell under such regulations as have been or may be established from time to time by the Commissioners of Pharmacy, all medicines and poisons, including intoxicating liquors only for the actual necessities of medicine," etc. Plainer language could not be used to manifest the legislative intent that none but registered pharmacists whose certificates are in full force and effect shall have the sole right to keep and to sell, under regulations to be made by your Board, *all medicines and poisons*, including intoxicating liquors, only for the actual necessities of medicine.

I have no doubt whatever that since this law was passed, the sole right to sell all poisons is in registered pharmacists, under the regulations of the Board, and that this applies as well to poisons enumerated in section 9, as to all other poisonous substances or liquids.

*Ita lex scripta est.* Thus the law is written. As to the wisdom of the legislative body, you have nothing to say; that body has thrown the responsibility upon the Board, and you must provide the necessary regulations.

As to any criticisms of the regulation which have come under my observation, particularly with respect to a circular from the wholesale grocers of Dubuque, that circular appears to overlook the sweeping effect of chapter 83, acts of the Twenty-first General Assembly. The two paragraphs on page 2 of the circular afford a clear analysis, I think, of the law prior to the enactment of said chapter 83. It is conceded on page 3 that if the statute (sec. 9) contained the expression "and all other poisonous substances," we would then have a case which would bring concentrated lye within the purview of the law, if it can be said to be poison. Now, we have even more general words engrafted into the law by chapter 83, where it says, "all poisons." It must be borne in mind that chapter 83 is but an amendment of the old section 8, chapter 75 of the laws of 1880, and a comparison of



the two sections, I think clearly shows the legislative intent, which is, that registered pharmacists shall have the sole right to sell all poisons, and that it is the duty of the Board to bring all poisons not enumerated in section 9, under similar regulation as to method of sale, which is done by Regulation No. 23 in question.

As to the legal maxim quoted on page 3, it has no application, as there can be no question but that when section 9 was originally enacted the legislature did not intend to include concentrated lye in the schedules, but to leave it under section 4038.

It is contended, however, in the circular referred to, that chapter 83 of the laws of 1886, does not change the general doctrine of the pharmacy law as it stood prior to the passage of said chapter 83, and "that the restriction of the sale of the unenumerated poisons to registered pharmacists" still has reference only to sales for medical use.

If it be conceded for the purpose of the present argument, that the exclusive right of registered pharmacists to sell poison was limited by the laws in force prior to the passage of chapter 83 of the laws of 1886, to their use as medicine, yet the Commissioners had asserted their power to control the sale of poisons for other than medicinal use, in Regulation No. 5, dated June 4, 1881, with regard to Paris Green, and Regulation No. 14, date of August 10, 1885, and amended September 9, 1886, with regard to "Rough on Rats." This had been done in one instance almost five years before the passage of said chapter 83, and the legislature of 1886, possibly recognizing the presence of the doubt suggested in some criticisms of Regulation No. 23, and intending to remove all questions as to the authority of the Commissioners, expressly ratify in said new section 8, all the regulations which have been established touching the sale of poisons and give to registered pharmacists the sole right to sell poisons for all purposes. It must be conceded that were there a comma between the words "liquors" and "only" in the opening lines of the new section 8, that the words "only for the actual necessities of medicine" would apply to "medicines" and "poisons" as well as "intoxicating liquors," and the absence of that "least of all punctuation marks" could not have been the result of oversight. The merest novice in the use of English would never have constructed a sentence like that with a comma inserted.

It would then read "all medicines and poisons, including intoxicating liquors, only for the actual necessities of medicine" or eliminat-

ing the then parenthetical words "including intoxicating liquors," and it would read "all medicines and poisons, only for the actual necessities of medicine."

That section 8 as amended was intended to vest in registered pharmacists the sole right to sell poisons for all purposes, is supported by section 12 passed at the same time. The provision in said section 12 permitting *all persons* to keep and sell proprietary medicines and domestic remedies, restricts such right to those proprietary medicines and domestic remedies as do not include any poisons. The language is as follows: "Sec. 12, \* \* \* *Provided*, that nothing in this act shall prevent any person not a registered pharmacist or not holding a permit, from keeping and selling proprietary medicines, or such other domestic remedies as do not include any intoxicating liquors or poisons." If the presence of poison in a domestic remedy, in any quantity, is to bring such remedy solely under the operation of the pharmacy law, why should an admitted poison, such as concentrated lye, be allowed to be sold broad-cast without any restriction?

All attempts to arrive at the duties of the Board under the broad language of Sec. 8, as it now stands, must be made with the thought in mind that such section is the last amendment by the legislature of the then existing pharmacy act, and it is not strange that words or phrases may be found in other parts of the entire act at variance with the idea of the exclusive right of registered pharmacists to sell all poisons, as asserted in Regulation No. 23 in question. The present law is an expression of many minds upon a subject of great difficulty, and it is only strange that more conflicting clauses have not crept into it. Such a conflict originally existed between Sec. 8 and a portion of Sec. 9 of the old law, and was pointed out in the opinion of the Supreme Court in *Hildreth vs. Crawford et al.*, and the legislature seem to have tried in the act of 1886 to cure this conflict, and if they have in doing so created another, which I do not admit, still the last act is certainly the one to govern the Board in its action.

The question is asked: "What good purpose will be subserved by restricting the sale of concentrated lye and potash to registered pharmacists." Many answers to this question will doubtless occur to your body. It may not be improper for me to refer to a few considerations.

It must be conceded that you have the same power to regulate the sale of these articles as of any other "poisonous substance" not



enumerated in schedules A and B in Sec. 9, and one effect of the Regulation in question will be to prevent the sale of these two dangerous compounds without the proper labeling. That section provides: "It shall be unlawful for *any person*, (now applying solely to registered pharmacists), to retail any poisons enumerated in schedules A and B, except as follows: \* \* \* without distinctly labeling the box, vessel, or paper in which said poison is contained, and also the outside wrapper or cover, with the name of the article, the word 'poison,' and the name and place of business of the seller. Nor shall it be lawful for any person (now applying solely to registered pharmacists), to sell or deliver any poison enumerated in schedules 'A' and 'B,' unless, upon due inquiry, it be found that the purchaser is aware of its poisonous character and represents that it is to be used for a legitimate purpose." None but registered pharmacists have ever observed these provisions. The legislature were probably aware that concentrated lye and potash were placed upon the market without the slightest regard to the provisions of Sec. 4038 of the Code; with the right to sell them limited to registered pharmacists under your regulations, the same safe-guards will be thrown around all poisonous substances which Sec. 9 extends to the poisons therein enumerated.

These considerations furnish ample support for my construction of the law and your Regulation No. 23, without regard to the superior qualification of a pharmacist, the skill he has acquired and must exercise in the handling and sale of poisons, his ability to distinguish pure from impure or adulterated articles, his discernment in preventing the misuse of poisonous substances, his tact in making "due inquiry" as required by law and the readiness with which proper antidotes can be supplied at his hands in cases of poisoning.

The object of regulating the sale of poisons being to lessen accidents from poisoning—a law or regulation would be of little force if it only required the labeling of poisons when sold *as a medicine*, as medicines are not intended to be prescribed in poisonous doses. Most cases of accidental poisoning are caused by poisons sold for other than medicinal use, such as corrosive sublimate, strychnine or arsenic as vermicides, and concentrated lye and potash, which are left standing around in solution where children or careless persons may drink them or mix them with their food.

Finally, with the law as it stands, your body could not do less than

bring the retailing of concentrated lye under the operation of the pharmacy law and your rules, as you have done in Regulation No. 23; more than this you have not done.

Yours respectfully,

GEO. F. HENRY.



[From the State Register of November 14th.]

## CONCENTRATED LYE.

### THE DECISION OF THE PHARMACY COMMISSION CLASSING CONCENTRATED LYE AS A POISON.

#### A LETTER FROM ONE OF THE COMMISSIONERS STATING THE REASON FOR THE RULING.

The following communication from Mr. Schafer of the State Pharmacy Commission, in reply to the criticism of the *Register* and other papers on the ruling of the Commission in declaring concentrated lye to be a poison and therefore to be regulated in its sale as other poisons are, was received in October and in the pressure of the political campaign was overlooked. As it is a very important matter we print it now and call attention to it, as a matter of considerable importance. It will be seen that the ruling of the Board was mandatory under the law, and that some pretty good reasons are given for it besides:

*Editor State Register.*—Pharmacy Regulation No. 23 has now probably had sufficient adverse press comments to warrant an expression in its defense. However "unjust" the criticisms, any public discussion of other features of the pharmacy law but the new liquor section, now being discussed and enforced by the courts, was a change, I think, not altogether displeasing to the Board, and somewhat of a relief from their more onerous and difficult labors on other features of the law, confident that more salutary opinions would follow a better understanding of the basis of this regulation after it had been published or tried long enough to properly show up its merits or defects; besides, election times are always given to more or less adverse criticism in favor of what may appear the larger voting contingency it would not take a very shrewd politician who is at all familiar with legislative records to expose such fallacious arguments and turn them to account if his party had given greater support to such progressive measures as were enacted for the welfare of the whole people. I believe if there was any disposition on

the part of the Commissioners to be time servers they would not have adopted a regulation for the sale of concentrated lye and potash, but let them continue to be sold in the easy manner that they have been, regardless of distinct provisions of the law relating to the sale of "poisonous substances," and then when some "friend" of this easy going way, furnished a victim as a sacrifice to such "critic's" opinion or some more dire accident ensued, or crime was committed thereby, to let the just criticisms of the public fall upon the Commissioners for failure to discharge their duty in the premises. It was expected that a regulation for the sale of concentrated lye and potash would cause some stir, and it is well if it causes the public a better realization of the danger of these common substances and the manner the law requires they should be sold.

The following official reply to an inquiry on this subject will give the position of the Board:

OFFICE OF COMMISSIONERS OF PHARMACY }  
FOR THE STATE OF IOWA. }  
DES MOINES, IOWA, Oct. 9th, 1886. }

—M. D.—Ia.

DEAR SIR: In reply to your letter of the 6th inst. I have to say:

*First*—The Board have their duties to perform under the law, one of which is to see that the laws relating to the sale of medicines and poisons are properly enforced, that is their first and most important duty. The law says: "Pharmacists whose certificates of registration are in full force and effect shall have the sole right to keep and to sell under such regulations as have been or may be established from time to time by the Commissioners of Pharmacy, all medicines and poisons, including intoxicating liquors only for the actual necessities of medicine, etc." Section 9 of the pharmacy law requires all registered pharmacists to distinctly label the box, vessel or paper both inside and outside wrapper, in which poison is contained with the name of the article, the word *poison*, and the name and place of the seller. Section 4038 of the Code provides that "no druggist or other person can sell and deliver any arsenic, corrosive sublimate, prussic acid or any other poisonous liquid or substance without having the word *poison* and the true name of the article written or printed upon a label attached to the vial, box or parcel containing the same: "for violation of this part of the section he shall be imprisoned or fined, etc.," then further says, "any person who may dispose of at retail any poisonous substance or liquid to any one, for any purpose, is required to enter in a book, to be kept by such druggist or other person so disposing, the name of the poison, when bought, by whom, and for what purpose, and if the person who calls for such poison is not personally known to the vendor, when such person shall be identified by some one known to the vendor, whose name shall also be entered in such book." The penalty for a failure



to comply with this part of the section is also imprisonment or fine, etc. This section has been a law for twenty years, and has never been repealed except as enumerated by schedules A and B, of section 9, of the pharmacy law of 1880; and as to *who* shall sell poisons by section 8, of chapter 83, this being a latter law, repeals by implication the "*other person*," and says registered pharmacists shall have the *sole right* to sell poisons, but the mode of selling has not been repealed only as to certain articles named in section 9, of the pharmacy law. Now to your first question. "Is the decision of the Board ultimate?" No! not if they find they have erred; the Board make these regulations according to the general construction of the law.

*Second*—"Do they propose to enforce it?" It is their duty to call attention to the requirements of the law, trusting that the intelligence of the people will soon lead them to conform to the law without compulsory enforcement.

*Third*—"In what way is it more *safe* for a druggist to sell poisonous articles than a grocer?" It would be natural to suppose that a druggist who is required by law to be specially and particularly educated as to the nature and qualities of medicines and poisons, would be better qualified to sell poisons than persons not so educated, I might almost for same reasons ask you why an educated physician was *more safe* to practice medicine than a person that is not so educated. I have to differ from you when you say that "any adult person knows that *lye* is a poison." I think that fully as many adult persons know that corrosive sublimate is a poison, and yet corrosive sublimate is never sold except in rare instances without being labeled, and when sold without labeling the act is universally condemned as criminal and yet you know that a full draught of a concentrated solution of potash—caustic potash—or of a concentrated solution of soda ash—caustic soda—"concentrated lye"—is nearly as sure to cause death as a solution of corrosive sublimate: then why *should* they not both alike be labeled *poison* when sold so as to remind everyone handling them of their nature; then again concentrated lye being in such general use people become careless and leave it in reach of children, while if it were properly labeled *poison* it would make people more careful in using it."

Respectfully,

C. A. WEAVER,  
Secretary Commission of Pharmacy.

Section 4038 of the Code of 1873 and section 2, chapter 83, of the laws of 1886, amendatory thereto, is the basis and authority for this regulation. The latter simply gives life and spirit to the former provisions. No one reading the same can truly say that the pharmacy regulation is "unjust" or that any legislator for the past twenty years is responsible for it, it is a law for the people, by the people, and in the true interest of the public health. The placing of the sale of all poisons in the hands of registered pharmacists is a legislative act and in effect simply restores the sale of this dangerous chemical to where it belongs. "Concentrated Lye" in its original purity and strength was first introduced and almost exclusively sold by druggists:

then by degrees cheaper grades were introduced through other channels. In a commercial sense this apparent discrimination will do the grocer no harm. His responsibility is lessened and by degrees the druggist will give up the sale of grocers' goods not strictly regarded in the line of a legitimate pharmacist. The benefits to the public by pharmacists furnishing strictly pure cream tartar, bicarb. soda, etc., are so well known that it would be an invidious comparison to more than refer to same here, and so far as the inconvenience of buying concentrated lye, etc., in small places where there is no registered pharmacist, it is sufficient to say that no case of such kind has ever been prosecuted by the Commission, and unless there is a flagrant violation, and no necessity exists for non-compliance with the law; it is not likely that the courts would oppress the dealer in places where there is no registered pharmacist. The motto upon the seal of the Commission of Pharmacy is "Be sure you are right!" It has been its guiding star in every move or action for more than six years of arduous, official labor for the public good. Every certificate of registration bears this imprint as their advice to every licentiate of the Board. No more fitting counsel could be given to a druggist assuming the active duties of a registered pharmacist than this watchword of Iowa Pharmacists. Would it not often be well if newspapers and correspondents would be sure they are right before flying their words beyond recall; most criticisms are undoubtedly well meant, some are very kindly written and all received are duly considered. I am confident when the Commission finds any regulation unwarranted by law they will promptly rescind it, or if really contrary to public policy they exercise such discretion as they have to so apply the regulation that it will not be unjust to any one, and thus demonstrate the benefits of a Commission in such cases.

GEO. H. SCHAFER.

Fort Madison, October 13, 1886.



## SUMMARY OF TREASURER'S REPORT.

*Receipts since last Report, July 1, 1886 to October 24, 1887, 2½ years:*

## FROM ITINERANT LICENSES.

For 9 months, year ending April 23, 1886 .....	\$ 1,000.00
For 12 months, year ending April 23, 1887 .....	1,900.00
For 6 months, ending October 23, 1887 .....	900.00
Total .....	\$ 3,800.00

Which has been applied on the contingent expenses of the Board (clerk hire, traveling and hotel expenses during meetings, etc).

Year ending April 24, 1886 .....	\$ 1,000.00
Year ending April 24, 1887 .....	1,900.00
Six months, ending October 24, 1887 .....	630.31
	\$ 3,530.31
Leaving balance on hand October 24, 1887 .....	\$ 269.69

Fees received from all sources during 2½ years, since last report,

July, 1886 to October 24, 1887 .....	\$ 7,812.00
Apportioned as follows:	
Nine months, ending April 23, 1886, to each Com .....	\$ 970.83½ \$ 2,912.50
Year ending April 23, 1887, to each Com .....	1330.83½ 3,992.50
Six months, ending October 23, 1887, to each Com .....	302.33½ 907.00
	\$ 7,812.00

Average receipts of each Commissioner per year .....

1,041.60

Expenses incurred by the Commissioners from April 23, 1886 to

October 24, 1887, and for which they have drawn orders on 25 per cent enforcement fund amounting to .....	1,942.00
Of these orders drawn there have been paid .....	880.30

Balance unpaid for want of funds in the treasury .....

\$ 1,061.70

Of this amount there is due to attorneys for services .....

315.00

Balance due to the Commissioners for expenses paid .....

746.70

Total .....

\$ 1,061.70

## APPENDIX.

## ABSTRACT

OF

## State Pharmacy Registe

TO

DECEMBER, 1887.



# ABSTRACT OF STATE PHARMACY REGISTER.

The character [—] shows delinquents.

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
41	Adams, John Quincy.....	June 5, 80	As owner.....	Nora Springs.....	.....	.....	1882, 83, —, —, —, —	Forfeited.
74	Asbury, T. P.....	June 7, 80	"	Eugene.....	Tingley.....	Oct. 21, 82	1882, 83, 84, 85, 86, 87	Superseded by 3129.
121	Artz, David.....	June 14, 80	"	Donnellson.....	.....	.....	1882, 83, 84, 85, 86, 87	Forfeited.
152	Allison, W. F.....	June 15, 80	"	Le Mars.....	.....	.....	1882, 83, 84, 85, 86, 87	Superseded by 3148.
209	Anderson, A. G.....	June 19, 80	As assistant.....	Boone.....	Ogden.....	May 22, 85	1882, 83, 84, 85, 86, 87	Superseded by 3146.
232	Anderson, Alfred A.....	June 22, 80	"	Boone.....	.....	.....	1882, 83, 84, 85, 86, 87	Sold out.
328	Atkins, J. B.....	June 8, 80	As owner.....	Council Bluffs.....	.....	.....	1882, 83, 84, 85, 86, 87	Superseded by 3146.
461	Anderson, August.....	June 5, 80	As assistant.....	Denison.....	.....	.....	1882, 83, 84, 85, 86, 87	Sold out.
511	Adair, W. R.....	June 4, 80	As owner.....	Washington.....	.....	.....	1882, 83, 84, 85, 86, 87	Superseded by 2605.
539	Auld, James H.....	June 23, 80	"	Dallas.....	Knoxville.....	April 30, 86	1882, 83, 84, 85, 86, 87	Revoked.
637	Adair, Chas. R.....	June 12, 80	As assistant.....	Hastings.....	Logan.....	Mar. 25, 82	1882, 83, —, —, —, —	Forfeited.
641	Anderson, L. J.....	June 5, 80	As owner.....	Humboldt.....	.....	.....	1882, 83, 84, 85, 86, 87	Forfeited.
649	Axline, Wm. H.....	June 22, 80	"	Harlan.....	.....	.....	1882, 83, 84, 85, 86, 87	Sold out; forfeited.
676	Arderly, L.....	June 10, 80	"	Knoxville.....	.....	.....	1882, 83, —, —, —, —	Superseded by 2652.
755	Armstrong, J. M.....	June 10, 80	"	Lisbon.....	.....	.....	1882, 83, —, —, —, —	Superseded by 2632.
785	Apland, O. B.....	June 14, 80	"	Sheldahl.....	.....	.....	1882, 83, 84, —, —, —	Superseded by 2726.
833	Arnold, C. V.....	June 4, 80	"	Mt. Pleasant.....	.....	.....	1882, 83, 84, 85, 86, 87	Forfeited.
858	Alverson, David.....	June 4, 80	As assistant.....	Marengo.....	.....	.....	1882, 83, —, —, —, —	Forfeited; see No. 3003
859	Alverson, E. C.....	June 3, 80	As owner.....	Marengo.....	.....	.....	1882, 83, 84, 85, 86, 87	Forfeited.
891	Atwater, Frank J.....	June 14, 80	"	Manchester.....	.....	.....	1882, 83, 84, 85, 86, 87	Forfeited.
1127	Alexander, D. E.....	June 7, 80	As assistant.....	Des Moines.....	.....	.....	1882, 83, —, —, —, —	Forfeited.
1134	Allen, Wm. P.....	July 7, 80	As owner.....	Dubuque.....	.....	.....	1882, 83, 84, 85, 86, 87	Forfeited.
1208	Ayers, Warren L.....	June 15, 80	"	Sheldon.....	.....	.....	1882, 83, 84, 85, 86, 87	Forfeited.
1223	Anthony, N. B.....	June 26, 80	"	Stanwood.....	.....	.....	1882, 83, 84, 85, 86, 87	Forfeited.
1229	Armstrong, Elijah H.....	June 5, 80	"	Seymour.....	.....	.....	1882, 83, 84, 85, —, —	Forfeited; see No. 3003
1250	Armstrong, Thos. K.....	June 4, 80	"	Toledo.....	.....	.....	1882, 83, 84, 85, —, —	Forfeited.
1267	Arnett, Seth J.....	June 3, 80	"	Union.....	.....	.....	1882, 83, 84, 85, 86, 87	Forfeited.
1291	Agnew, David G.....	June 15, 80	"	Wilton Junction.....	.....	.....	1882, 83, 84, 85, 86, 87	Forfeited.
1305	Ablers, Richard B.....	June 8, 80	"	Waverly.....	.....	.....	1882, 83, 84, 85, 86, 87	Forfeited.
1405	Allen, R. T.....	July 21, 80	As assistant.....	Centerville.....	.....	.....	1882, 83, 84, 85, 86, 87	Forfeited.
1497	Aldrich, Edwin A.....	July 22, 80	As assistant.....	Creston.....	.....	.....	1882, 83, 84, 85, 86, 87	Forfeited.
1505	Adams, Wm. E.....	July 22, 80	"	Farragut.....	.....	.....	1882, 83, 84, 85, 86, 87	Forfeited.
1532	Anderson, A. J.....	July 26, 80	As owner.....	Red Oak.....	.....	.....	1882, 83, 84, 85, 86, 87	Forfeited.
1638	Archer, Wm. H.....	Aug. 12, 80	As assistant.....	Bear Grove.....	.....	.....	1882, 83, 84, 85, 86, 87	

1887.]

STATE PHARMACY REGISTER.



ABSTRACT—CONTINUED.

4

STATE PHARMACY REGISTER.

[R]

1881.]

STATE PHARMACY REGISTER.

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Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
1667	Axt, Julius H.	July 28, 80	By examinat'n	Fort Madison.	Keokuk	Mar. 26, 87	1882, 83, 84, 85, 86, 87	
1699	Amos, Albert	July 28, 80	"	Nora Springs		1882	1882, 83, 84, 85, 86, 87	Delinquent 5 years.
1709	Arnold, Charles	Aug. 1, 80	"	Creston	Des Moines.	Aug. 8, 87	1882, 83, 84, 85, 86, 87	Dead.
1738	Alcorn, James A.	Aug. 27, 80	As owner	Mt. Sterling.		1882	1882, 83, 84, 85, 86, 87	Forfeited.
1748	Anderson, W. M.	Sept. 24, 80	"	St. Charles		1882	1882, 83, 84, 85, 86, 87	
1786	Arnold, Chas. F.	Oct. 1, 80	By examinat'n	Sioux City	Coon Rapids	Oct. 22, 87	1882, 83, 84, 85, 86, 87	
1801	Armstrong, R. S.	Aug. 18, 80	"	Indianola.		1882	1882, 83, 84, 85, 86, 87	
1826	Atkinson, W. R.	Oct. 29, 80	As owner	Monmouth.		1882	1882, 83, 84, 85, 86, 87	Forfeited.
1843	Arnold, M. O.	Sept. 20, 80	Principal	Mount Pleasant.		1882	1882, 83, 84, 85, 86, 87	Forfeited.
1981	Alexander, Robert H.	Oct. 5, 80	By examinat'n	Oskaloosa	Cameron, Mo.	1882	1882, 83, 84, 85, 86, 87	
1996	Allen, B. F.	Dec. 21, 80	"	Story City		1882	1882, 83, 84, 85, 86, 87	
2035	Alvord, Wm. B.	April 1, 81	As owner	Booneville		1882	1882, 83, 84, 85, 86, 87	Forfeited.
2054	Ashcraft, Geo. O.	April 15, 81	By examinat'n	Webster City		1882	1882, 83, 84, 85, 86, 87	Delinquent 2 years.
2061	Allen, B. F.	April 27, 81	"	Wellman	Kalona.	Oct. 1, 85	1883, 84, 85, 86, 87	
2107	Armstrong, K. B.	April 27, 81	As owner	Polk City		1882	1882, 83, 84, 85, 86, 87	Forfeited.
2181	Atwell, F. C.	May 20, 81	By examinat'n	Cedar Falls.		Mar. 24, 84	1882, 83, 84, 85, 86, 87	Gone to Illinois.
2200	Anderson, Edwin	Oct. 12, 81	"	Newell		1882	1882, 83, 84, 85, 86, 87	Dead.
2202	Ackler, Julian C.	Sept. 14, 81	"	Spencer		1882	1882, 83, 84, 85, 86, 87	Out of business.
2237	Albee, M. P. W.	Oct. 18, 81	"	Leon		1882	1882, 83, 84, 85, 86, 87	
2241	Alexander, W. A.	Sept. 10, 81	"	Tripp		1882	1882, 83, 84, 85, 86, 87	Delinquent 5 years.
2257	Ahler, R. R.	Oct. 24, 81	"	Clearfield.		1882	1882, 83, 84, 85, 86, 87	Canceled by request.
2263	Allen, Austin B.	Nov. 3, 81	"	Keota		1882	1882, 83, 84, 85, 86, 87	
2271	Auld, J. M.	Nov. 12, 81	"	Sioux City		1882	1882, 83, 84, 85, 86, 87	
2274	Anderson, J. A.	Nov. 12, 81	"	Hopkinton		1882	1882, 83, 84, 85, 86, 87	Delinquent 5 years.
2347	Allen, W. C.	Feb. 11, 82	"	Mount Ayr.		1882	1882, 83, 84, 85, 86, 87	Dead.
2293	Alexander, Wm. H.	Dec. 10, 82	"	Extra		1882	1882, 83, 84, 85, 86, 87	Delinquent 5 years.
2366	Andrews, Chas. H.	Mar. 4, 82	"	Atlantic		1882	1882, 83, 84, 85, 86, 87	Delinquent 1 year.
2392	Allman, J. B.	April 6, 82	"	Newbern		1883	1883, 84, 85, 86, 87	
2401	Arderly, J. I.	April 19, 82	"	Centerville		1883	1883, 84, 85, 86, 87	
2411	Armstrong, G. W.	April 17, 82	"	Webster City		Aug. 24, 85	1883, 84, 85, 86, 87	
2479	Arthur, Chas. H.	May 8, 82	"	Cedar Rapids		1883	1883, 84, 85, 86, 87	Dead.
2505	Adams, Rudolph.	Mar. 1, 82	"	Cedar Rapids		1883	1883, 84, 85, 86, 87	
2506	Adams, Chas. R.	Aug. 1, 82	"	Cambridge		1883	1883, 84, 85, 86, 87	
2544	Applin, Arthur S.	Oct. 23, 82	"	Marion		1883	1883, 84, 85, 86, 87	
2581	Alexander, T. R.	Feb. 28, 83	"	Logan		1884	1884, 85, 86, 87	
2905	Adair, Chas. R.	Mar. 17, 83	"	Marengo		1884	1884, 85, 86, 87	
2932	Alverson, E. C.	May 15, 83	"	Marengo		1884	1884, 85, 86, 87	Out of business.
3052	Alverson, D.	June 23, 83	"	Marengo		1884	1884, 85, 86, 87	
2662	Adams, Jno. R.	July 17, 83	By examinat'n.	De Soto.	Harlan	Mar. 30, 86	1884, 85, 86, 87	Revoked.
2670	Ayers, J. N.	Aug. 24, 83	"	Cedar Rapids		1884	1884, 85, 86, 87	
2678	Arthur, W. C.	Sept. 4, 83	"	Odebolt		1884	1884, 85, 86, 87	
2728	Alexander, D. E.	Sept. 6, 84	"	Des Moines		1884	1884, 85, 86, 87	
2738	Arnold, Robert R.	April 15, 84	"	Humeston.		1885	1885, 86, 87	
2905	Ayers, H. E.	July 21, 85	"	Yale		1885	1885, 86, 87	
2929	Allen, M. L.	Oct. 15, 85	"	Astor	Garwin	April 22, 87	1885, 86, 87	
2966	Atkinson, Joseph H.	Feb. 26, 86	As graduate	Sac City	Mason City	April 1, 87	1885, 86, 87	Superseded by 3250.
2980	Arnold, A. J.	Feb. 26, 86	"	Des Moines		1885	1885, 86, 87	
3035	Anderson, A. P.	June 15, 86	By examinat'n.	Renwick	Elma	Dec. 14, 86	1886, 87	
3036	Anders, F. W.	June 15, 86	"	Earville		1886	1886, 87	
3048	Ayers, Charles F.	Sept. 17, 86	As graduate	Marshalltown.		1886	1886, 87	
3093	Armstrong, T. K.	Oct. 21, 86	By examinat'n.	Toledo		1886	1886, 87	
3095	Andres, Gus. H.	Nov. 3, 86	"	Dubuque		1886	1886, 87	
3129	Asbury, T. P.	Feb. 28, 87	"	Tingley		1886	1886, 87	
3146	Anderson, August	Mar. 1, 87	"	Carroll	Coon Rapids	Oct. 19, 87	1886, 87	
3148	Anderson, A. G.	Mar. 11, 87	"	Ogden		1886	1886, 87	
3156	Ahlens, John T.	Feb. 25, 87	"	New Vienna.		1886	1886, 87	
3201	Asper, R. Rod.	May 11, 87	"	Marble Rock		1886	1886, 87	
3211	Aborn, F. I.	Apr. 5, 87	"	Sheffield		1886	1886, 87	
3250	Atkinson, J. H.	May 11, 87	"	Mason City		1886	1886, 87	
3270	Applin, Wm. H.	June 23, 87	"	Cambridge		1886	1886, 87	
3317	Anderson, Jno. J.	Sept. 20, 87	"	Council Bluffs.		1886	1886, 87	
3322	Adams, Joseph N.	Oct. 8, 87	As graduate	Mason City		1886	1886, 87	
2	Binford, E.	June 5, 80	As owner	Dixon.		1882	1882, 83, 84, 85, 86, 87	
8	Babson, James E.	June 5, 80	"	Mormontown		1882	1882, 83, 84, 85, 86, 87	
21	Bickford, G. W.	June 4, 80	As principal	Independent	Eldon	May 24, 83	1882, 83, 84, 85, 86, 87	Forfeited.
34	Burkhardt, A.	June 3, 80	As owner	Watkins		1882	1882, 83, 84, 85, 86, 87	Forfeited.
35	Brewster, Robert E.	June 4, 80	As assistant	Battle Creek		Mar. 21, 83	1882, 83, 84, 85, 86, 87	Forfeited.
36	Bacon, U. M.	June 5, 80	As owner	Harpers Ferry		1882	1882, 83, 84, 85, 86, 87	Forfeited.
46	Brunk, Wm. M.	June 9, 80	"	Pulaski		1882	1882, 83, 84, 85, 86, 87	Forfeited.
72	Burnside, J. M.	June 7, 80	"	Waucoma		1882	1882, 83, 84, 85, 86, 87	
84	Burroughs, S. E.	June 5, 80	"	Holland		1882	1882, 83, 84, 85, 86, 87	Superseded by 2168.
85	Bills, E. B.	June 5, 80	"	Durant		1882	1882, 83, 84, 85, 86, 87	Forfeited.
94	Bickford, D. R.	June 7, 80	"	Eldon		1882	1882, 83, 84, 85, 86, 87	Forfeited.
97	Budge, W. H.	June 10, 80	"	Rock Rapids		1882	1882, 83, 84, 85, 86, 87	Canceled by request.
98	Bissell, Lyman A.	June 10, 80	"	Brandon		1882	1882, 83, 84, 85, 86, 87	Dead.
101	Beck, W. G.	June 2, 80	As assistant	Leon	Leon	Jan. 15, 84	1882, 83, 84, 85, 86, 87	Forfeited.
107	Beck, Charles W.	June 2, 80	As owner	Leon	Grand River	Mar. 22, 82	1882, 83, 84, 85, 86, 87	
124	Battles, Rhoda M.	June 14, 80	"	Onslow		1882	1882, 83, 84, 85, 86, 87	
125	Battles, James W.	June 14, 80	As assistant	Onslow		1882	1882, 83, 84, 85, 86, 87	
130	Burns, R. K.	June 7, 80	As owner	Edding		1882	1882, 83, 84, 85, 86, 87	Forfeited.
162	Bair, Adam	June 7, 80	"	Rochester		1882	1882, 83, 84, 85, 86, 87	
187	Bowman, John E.	June 22, 80	"	Mt. Sterling.		1882	1882, 83, 84, 85, 86, 87	
193	Briggs, Joseph.	June 17, 80	"	Springfield		1882	1882, 83, 84, 85, 86, 87	Forfeited.
198	Bowie, James	June 12, 80	"	River Sioux.		1882	1882, 83, 84, 85, 86, 87	
206	Brown, Caleb	June 5, 80	"	Rose Hill.	Sac City	Sept. 2, 82	1882, 83, 84, 85, 86, 87	Superseded by 2811.
204	Boyer, Francis H.	June 12, 80	As assistant	Red Oak Junction		1882	1882, 83, 84, 85, 86, 87	
215	Boerner, H. W.	June 16, 80	As owner	Iowa City		1882	1882, 83, 84, 85, 86, 87	



# ABSTRACT-CONTINUED.

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
218	Blackman, W. W.	June 16, 86	As owner	West Mitchell			1882, 83, 84, 85, 86, 87	Forfeited.
221	Black, Thos. A.	June 15, 80	"	Webster City			1882, 83, 84, 85, 86, 87	Forfeited.
223	Benson, John R.	June 8, 80	"	Arcadia			1882, 83, 84, 85, 86, 87	Forfeited.
264	Brenton, J. B.	June 14, 80	"	Adel			1882, 83, 84, 85, 86, 87	Forfeited.
265	Brenton, A. G.	June 14, 80	"	Adel			1882, 83, 84, 85, 86, 87	Forfeited.
267	Booth, W. H.	June 3, 80	"	Altoona	Altoona	Oct. 19, 85	1882, 83, 84, 85, 86, 87	Forfeited.
280	Barstow, E.	June 9, 80	As assistant	Ames			1882, 83, 84, 85, 86, 87	Forfeited.
281	Bosquet, John J.	June 5, 80	As owner	Ames			1882, 83, 84, 85, 86, 87	Forfeited.
287	Breese, Ambrose	June 7, 80	"	Bellevue			1882, 83, 84, 85, 86, 87	Forfeited.
315	Beardsley, Wm.	June 4, 80	"	Beacon			1882, 83, 84, 85, 86, 87	Forfeited.
320	Burrows, John P.	June 3, 80	"	Clarinda			1882, 83, 84, 85, 86, 87	Forfeited.
324	Bailey, A. S.	June 7, 80	"	Cromwell			1882, 83, 84, 85, 86, 87	Forfeited.
326	Beberger, George F.	June 21, 80	As assistant	Carroll			1882, 83, 84, 85, 86, 87	Forfeited.
331	Blair, N. P.	June 10, 80	As owner	Clarence			1882, 83, 84, 85, 86, 87	Forfeited.
332	Bye, Sam'l K.	June 13, 80	As principal	Cedar Rapids			1882, 83, 84, 85, 86, 87	Forfeited.
335	Benedict, Geo.	June 11, 80	As owner	Cascade	Maxwell	June 17, 82	1882, 83, 84, 85, 86, 87	Dead.
360	Bagnall, John J.	June 7, 80	As principal	College Springs			1882, 83, 84, 85, 86, 87	Superseded by 3177.
361	Bagnall, George W.	June 7, 80	As assistant	College Springs			1882, 83, 84, 85, 86, 87	Sold out.
370	Burk, Levi	June 14, 80	As owner	Clarinda			1882, 83, 84, 85, 86, 87	Forfeited.
377	Billau, J. Louis	June 8, 80	"	Cedar Rapids			1882, 83, 84, 85, 86, 87	Forfeited.
378	Billau, Charles F.	June 8, 80	"	Cedar Rapids			1882, 83, 84, 85, 86, 87	Forfeited.
380	Banning, Cyrus W.	June 9, 80	"	Cincinnati			1882, 83, 84, 85, 86, 87	Forfeited.
405	Bryant, Wm. C.	June 4, 80	"	Cedar Falls			1882, 83, 84, 85, 86, 87	Forfeited.
416	Bartlett, Joseph W.	June 12, 80	"	Des Moines			1882, 83, 84, 85, 86, 87	Forfeited.
428	Blackinton, Wm. N.	June 12, 80	"	Denmark			1882, 83, 84, 85, 86, 87	Forfeited.
444	Brant, James	June 3, 80	"	Dallas Center	Des Moines	May 10, 84	1882, 83, 84, 85, 86, 87	Forfeited.
449	Ballard, John W.	June 9, 80	"	Davenport			1882, 83, 84, 85, 86, 87	Forfeited.
451	Bigelow, I. J.	June 4, 80	"	Dyersville			1882, 83, 84, 85, 86, 87	Forfeited.
457	Brayton, Charles J.	June 4, 80	"	Dubuque			1882, 83, 84, 85, 86, 87	Forfeited.
463	Bullock, Charles	June 5, 80	"	Denison			1882, 83, 84, 85, 86, 87	Forfeited.
473	Baker, William	June 4, 80	"	Des Moines			1882, 83, 84, 85, 86, 87	Superseded by 2483.
483	Booth, A. E.	June 24, 80	"	Prescott			1882, 83, 84, 85, 86, 87	Dead.
521	Beardsley, A. M.	June 9, 80	"	Council Bluffs			1882, 83, 84, 85, 86, 87	Forfeited.
547	Bayless, Frank D.	June 17, 80	As principal	Elkader			1882, 83, 84, 85, 86, 87	Forfeited.
549	Boller, Valentine	June 14, 80	As owner	Elkader			1882, 83, 84, 85, 86, 87	Forfeited.
578	Blennerhassett, A.	June 7, 80	"	Forest City			1882, 83, 84, 85, 86, 87	Forfeited.
579	Bradshaw, A. C. D.	June 2, 80	As owner	Fairfield			1882, 83, 84, 85, 86, 87	Forfeited.
577	Reck, Louis H.	June 8, 80	"	Farley			1882, 83, 84, 85, 86, 87	Forfeited.
613	Baker, Bion A.	June 5, 80	"	Greeley	Greeley	June 19, 83	1882, 83, 84, 85, 86, 87	Delinquent 2 years.
614	Blodgett, Milo	June 5, 80	"	Greeley			1882, 83, 84, 85, 86, 87	Forfeited.
629	Baldwin, Emmet V.	June 8, 80	"	Hampton			1882, 83, 84, 85, 86, 87	Forfeited.
630	Babcock, N. W.	June 9, 80	As assistant	Harlan			1882, 83, 84, 85, 86, 87	Forfeited.
665	Huffington, C. A.	June 21, 80	As owner	Indianola			1882, 83, 84, 85, 86, 87	Forfeited.
668	Boerner, Emil L.	June 7, 80	"	Iowa City			1882, 83, 84, 85, 86, 87	Superseded by 3276.
679	Beakmore, J. B.	June 3, 80	As principal	Keosauqua			1882, 83, 84, 85, 86, 87	Superseded by 2954.
690	Bartlett, George F.	June 7, 80	As owner	Keokuk			1882, 83, 84, 85, 86, 87	Delinquent 2 years.
708	Brouson, Andrew H.	June 23, 80	"	Keokuk			1882, 83, 84, 85, 86, 87	Forfeited.
709	Bronson, Eugene C.	June 22, 80	As assistant	Keokuk			1882, 83, 84, 85, 86, 87	Forfeited; See 3303.
713	Hush, John V.	June 8, 80	As owner	Colesburg			1882, 83, 84, 85, 86, 87	Forfeited.
727	Buzard, Samuel	June 25, 80	"	Attica			1882, 83, 84, 85, 86, 87	Superseded by 3116.
730	Busch, Wm. C. A.	June 30, 80	"	Davenport	Muscatine	April 5, 84	1882, 83, 84, 85, 86, 87	Forfeited.
731	Busch, Theodore H.	June 30, 80	As assistant	Davenport			1882, 83, 84, 85, 86, 87	Forfeited.
741	Blackley, Eben V.	June 21, 80	As owner	Lake City	Coon Rapids	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Forfeited.
744	Boynston, F. S.	June 3, 80	"	La Porte City			1882, 83, 84, 85, 86, 87	Forfeited.
759	Brownell, E. L.	July 30, 80	"	Spirit Lake			1882, 83, 84, 85, 86, 87	Forfeited.
768	Brooks, Charles A.	June 8, 80	"	Lenox			1882, 83, 84, 85, 86, 87	Forfeited.
776	Bissell, Charles E.	June 2, 80	As assistant	Lovilia			1882, 83, 84, 85, 86, 87	Forfeited.
777	Bissell, Virgil R.	June 2, 80	As owner	Lovilia			1882, 83, 84, 85, 86, 87	Forfeited.
778	Batchelder, Albert M.	June 3, 80	"	Traer			1882, 83, 84, 85, 86, 87	Delinquent 2 years.
783	Bliss, Ethan	July 1, 80	"	Cedar Rapids			1882, 83, 84, 85, 86, 87	Forfeited.
791	Beech, Thos. J.	June 30, 80	As assistant	Cedar Rapids			1882, 83, 84, 85, 86, 87	Forfeited.
794	Benisk, Clayton H.	June 23, 80	"	Cedar Rapids			1882, 83, 84, 85, 86, 87	Forfeited.
807	Boyd, Marlon H.	June 30, 80	"	Lost Nation	Defiance	April 14, 83	1882, 83, 84, 85, 86, 87	Superseded by 2613.
808	Boyd, John R.	June 30, 80	As owner	Lost Nation	Defiance	April 14, 83	1882, 83, 84, 85, 86, 87	Forfeited.
817	Blosser, Geo. W.	July 1, 80	"	Moulton			1882, 83, 84, 85, 86, 87	Forfeited.
818	Blosser, Lewis	July 1, 80	As assistant	Moulton	Kellogg	March 4, 84	1882, 83, 84, 85, 86, 87	Forfeited.
821	Ribbins, M. W.	July 2, 80	As owner	Marshalltown			1882, 83, 84, 85, 86, 87	Forfeited.
830	Billings, Thos. J.	June 25, 80	As owner	Monticello			1882, 83, 84, 85, 86, 87	Forfeited.
841	Bacher, John H.	June 7, 80	As assistant	Malcom			1882, 83, 84, 85, 86, 87	Forfeited.
872	Belding, Albert L.	June 7, 80	As owner	Mason City			1882, 83, 84, 85, 86, 87	Forfeited.
908	Blake, Mrs. Chas. Pratt	June 7, 80	As owner	Decorah			1882, 83, 84, 85, 86, 87	Forfeited.
918	Bilden, Lars T.	July 2, 80	As assistant	Decorah			1882, 83, 84, 85, 86, 87	Forfeited.
919	Bowman, Jas. K.	June 8, 80	As owner	Beaman			1882, 83, 84, 85, 86, 87	Revoked.
936	Bowen, C. T.	June 3, 80	"	New Sharon			1882, 83, 84, 85, 86, 87	Forfeited.
940	Briggs, L. L.	July 7, 80	"	New Hampton			1882, 83, 84, 85, 86, 87	Forfeited.
953	Briggs, Samuel E.	June 8, 80	"	Nevada			1882, 83, 84, 85, 86, 87	Forfeited.
955	Birney, Clavins C.	June 26, 80	"	Nora Springs			1882, 83, 84, 85, 86, 87	Forfeited.
956	Birney, Matilda A.	June 30, 80	"	Floyd			1882, 83, 84, 85, 86, 87	Forfeited.
968	Bristol, Albert L.	July 5, 80	"	Oxford Mills			1882, 83, 84, 85, 86, 87	Forfeited.
1002	Bruce, E. E.	June 14, 80	"	Ottumwa			1882, 83, 84, 85, 86, 87	Forfeited.
1015	Burleigh, Frank	June 7, 80	"	Odebolt			1882, 83, 84, 85, 86, 87	Forfeited.
1016	Boardman, C. D.	July 1, 80	"	Odebolt			1882, 83, 84, 85, 86, 87	Forfeited.
1025	Battin, Wm. H.	June 23, 80	"	Oxford Mills			1882, 83, 84, 85, 86, 87	Forfeited.
1033	Brown, Elmer H.	June 22, 80	As assistant	Oseola			1882, 83, 84, 85, 86, 87	Delinquent 1 year.
1037	Briggs, Henry L.	June 4, 80	As owner	Oskaloosa			1882, 83, 84, 85, 86, 87	Forfeited.



ABSTRACT—CONTINUED.

8

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
1041	Beechler, John C.	June 7, 80	As owner.	Oskaloosa.			1882, 83, 84, 85, 86, 87	
1042	Beechler, George N.	June 7, 80	"	Oskaloosa.			1882, 83, 84, 85, 86, 87	
1059	Blanchaine, Charles H.	June 7, 80	As assistant.	Postville.	Ossian.	April 1, 84	1882, 83, 84, 85, 86, 87	Superseded by 3128.
1068	Beckwith, Joseph C.	June 4, 80	"	Preston.	Ireton.	Nov. 8, 82	1882, 83, 84, 85, 86, 87	Superseded by 3135.
1109	Boale, Malcom.	July 3, 80	As owner.	Douglas.	Maynard.	Mar. 26, 85	1882, 83, 84, 85, 86, 87	Forfeited.
1125	Brush, L. H.	June 7, 80	"	Des Moines.			1882, 83, 84, 85, 86, 87	
1126	Balluff, Aug. A.	July 12, 80	"	Davenport.			1882, 83, 84, 85, 86, 87	
1142	Birney, Catharine.	July 6, 80	"	Floyd.			1882, 83, 84, 85, 86, 87	Forfeited.
1143	Birney, Lewis.	July 6, 80	"	Floyd.			1882, 83, 84, 85, 86, 87	
1146	Baker, Simpson P.	July 6, 80	"	Indianapolis.			1882, 83, 84, 85, 86, 87	Delinquent 1 year.
1157	Birchard, A. T.	July 6, 80	"	Marshalltown.			1882, 83, 84, 85, 86, 87	Delinquent 2 years.
1159	Birchard, P. T.	July 6, 80	As assistant.	Marshalltown.			1882, 83, 84, 85, 86, 87	Delinquent 2 years.
1175	Brown, Wm. K.	July 7, 80	"	Dubuque.			1882, 83, 84, 85, 86, 87	
1180	Brayton, C. S.	July 7, 80	"	State Center.			1882, 83, 84, 85, 86, 87	Forfeited.
1181	Brimhall, S. M.	June 8, 80	As owner.	State Center.	State Center.	June 13, 85	1882, 83, 84, 85, 86, 87	
1182	Brimhall, Charles W.	June 8, 80	"	State Center.			1882, 83, 84, 85, 86, 87	
1189	Baxter, George W.	June 7, 80	"	Spirit Lake.			1882, 83, 84, 85, 86, 87	
1190	Burnet, Ed. G.	June 9, 80	"	Shenandoah.			1882, 83, 84, 85, 86, 87	Forfeited.
1196	Bircken, Anton.	June 14, 80	"	Sabula.	Rockford.	Jan. 11, 87	1882, 83, 84, 85, 86, 87	
1205	Brown, Daniel D.	June 21, 80	"	Storm Lake.			1882, 83, 84, 85, 86, 87	
1232	Bishop, Ed. W.	June 7, 80	"	State Center.			1882, 83, 84, 85, 86, 87	
1233	Brayton, James D.	June 7, 80	As assistant.	State Center.			1882, 83, 84, 85, 86, 87	Forfeited.
1245	Barnes, Eugene R.	July 12, 80	As owner.	Sumner.			1882, 83, 84, 85, 86, 87	Forfeited.
1254	Beach, Ed. N.	June 8, 80	"	Troy Mills.			1882, 83, 84, 85, 86, 87	
1259	Bonney, Oliver D.	June 4, 80	"	Traer.			1882, 83, 84, 85, 86, 87	
1261	Baker, Elmore.	June 4, 80	As assistant.	Traer.			1882, 83, 84, 85, 86, 87	Canceled by request.
1269	Beaver, Charles V.	July 13, 80	As owner.	Repub.			1882, 83, 84, 85, 86, 87	Retired; forfeited.
1285	Brubaker, Joseph S.	June 2, 80	"	Vinton.			1882, 83, 84, 85, 86, 87	
1295	Burbank, A. W.	June 8, 80	As assistant.	Waverly.			1882, 83, 84, 85, 86, 87	Forfeited.
1318	Bostellmann, C. F. G.	July 3, 80	As owner.	Walnut.	West Side.	Dec. 20, 82	1882, 83, 84, 85, 86, 87	Forfeited.
1326	Bent, Curtis R.	June 9, 80	"	West Union.	West Side.	Dec. 20, 82	1882, 83, 84, 85, 86, 87	Retired; forfeited.
1336	Barber, Earl.	June 7, 80	"	Waterloo.			1882, 83, 84, 85, 86, 87	
1342	Glythe, James C.	July 15, 80	As assistant.	Woodburn.			1882, 83, 84, 85, 86, 87	Retired; forfeited.
1343	Burnham, Milo L.	June 3, 80	As owner.	Waterloo.			1882, 83, 84, 85, 86, 87	Retired; forfeited.
1358	Barnes, O.	June 8, 80	"	Walker.			1882, 83, 84, 85, 86, 87	Forfeited.
1362	Byrnes, Thomas.	July 1, 80	"	Walcott.			1882, 83, 84, 85, 86, 87	
1387	Baughman, Jno. F.	July 14, 80	"	Kinross.			1882, 83, 84, 85, 86, 87	Canceled by request.

STATE PHARMACY REGISTER.

[E3]

1392	Birney, Ada F.	July 14, 80	As owner.	Greene.			1882, 83, 84, 85, 86, 87	
1410	Brown, W. Edgar	July 12, 80	"	Manchester.			1882, 83, 84, 85, 86, 87	Forfeited.
1413	Budde, Louis	July 12, 80	"	Fort McGregor.			1882, 83, 84, 85, 86, 87	Forfeited.
1414	Briggs, Wm. F.	July 13, 80	As principal.	Nevada.			1882, 83, 84, 85, 86, 87	
1417	Brinkhoff, F. W.	July 14, 80	As owner.	Pella.			1882, 83, 84, 85, 86, 87	
1452	Barker, Ira N.	July 16, 80	"	Sac City.	Lake City.	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Forfeited.
1474	Baker, Z. T.	July 20, 80	"	Lone Tree.			1882, 83, 84, 85, 86, 87	Forfeited.
1475	Baker, M.	July 20, 80	"	Lone Tree.			1882, 83, 84, 85, 86, 87	Forfeited.
1480	Berg, E.	July 20, 80	"	Charles City.			1882, 83, 84, 85, 86, 87	Dead.
1490	Bennett, Norman	June 9, 80	"	Mechanicsville.			1882, 83, 84, 85, 86, 87	
1492	Brown, Wm. C.	July 19, 80	As assistant.	Cresco.	Elma.	Oct. 14, 86	1882, 83, 84, 85, 86, 87	
1502	Bender, W. L.	July 21, 80	As owner.	Spencer.			1882, 83, 84, 85, 86, 87	Forfeited.
1515	Beman, F. W.	July 24, 80	As assistant.	Brush Creek.			1882, 83, 84, 85, 86, 87	Forfeited.
1558	Birney, E. E.	June 8, 80	As owner.	Marble Rock.		Dec. 24, 85	1882, 83, 84, 85, 86, 87	Forfeited.
1535	Bruce, O. M.	July 24, 80	"	Wauwat.			1882, 83, 84, 85, 86, 87	
1536	Benson, Nils J.	July 24, 80	As assistant.	Burlington.	Morning Sun.	July 20, 85	1882, 83, 84, 85, 86, 87	Forfeited.
1546	Baker, W. E.	July 29, 80	"	Hazleton.			1882, 83, 84, 85, 86, 87	
1554	Barton, A. W.	June 11, 80	As owner.	Harlan.			1882, 83, 84, 85, 86, 87	Forfeited.
1557	Rixbey, R. J.	July 26, 80	"	Edgewood.			1882, 83, 84, 85, 86, 87	
1558	Blanchard, Lewis	July 26, 80	"	Edgewood.			1882, 83, 84, 85, 86, 87	
1559	Brown, J. A.	July 28, 80	As principal.	Clifton.			1882, 83, 84, 85, 86, 87	Forfeited.
1562	Bell, S. C.	July 29, 80	As owner.	Attica.			1882, 83, 84, 85, 86, 87	Forfeited.
1580	Bennett, Lines.	June 9, 80	As assistant.	Mechanicsville.			1882, 83, 84, 85, 86, 87	Retired forfeited.
1581	Bailey, E. F.	Aug. 4, 80	As owner.	Rockford.			1882, 83, 84, 85, 86, 87	Forfeited.
1582	Byram, M. W.	July 31, 80	"	Fremont.			1882, 83, 84, 85, 86, 87	
1602	Bridges, John	Aug. 14, 80	"	Kossuth.			1882, 83, 84, 85, 86, 87	
1614	Bergen, E. H.	Aug. 13, 80	"	Cantril.			1882, 83, 84, 85, 86, 87	Forfeited.
1619	Baxter, C. V.	Aug. 7, 80	"	De Witt.			1882, 83, 84, 85, 86, 87	Superseded by 3312.
1626	Eissell, Frank S.	Aug. 3, 80	"	Dunlap.			1882, 83, 84, 85, 86, 87	Revoked.
1627	Ballantyne, J. C.	Aug. 3, 80	"	Brooklyn.			1882, 83, 84, 85, 86, 87	
1633	Brookings, D. J.	Aug. 18, 80	"	Xenia.	Woodward.	Mar. 17, 85	1882, 83, 84, 85, 86, 87	Name of town change.
1662	Baker, Edwin D.	Sept. 6, 80	"	Council Bluffs.			1882, 83, 84, 85, 86, 87	
1691	Broadie, A. A.	Aug. 2, 80	By examinatio	Waverly.			1882, 83, 84, 85, 86, 87	
1726	Bell, Hugh	Sept. 15, 80	As assistant.	Kinross.			1882, 83, 84, 85, 86, 87	Dead.
1729	Baker, Charles W.	Aug. 9, 80	"	Des Moines.			1882, 83, 84, 85, 86, 87	
1737	Barker, John M.	Sept. 17, 80	As owner.	Estherville.			1882, 83, 84, 85, 86, 87	Canceled by request.
1757	Brown, James M.	Oct. 4, 80	"	Cambridge.			1883, 84, 85, 86, 87	
1769	Bergman, A. F.	Oct. 21, 80	As assistant.	Spirit Lake.			1882, 83, 84, 85, 86, 87	Forfeited.
1787	Baxter, A.	Aug. 7, 80	By examinatio	Orient.			1882, 83, 84, 85, 86, 87	Dead.
1789	Barber, George M.	Aug. 5, 80	"	Walnut.	Manning.	May 17, 83	1882, 83, 84, 85, 86, 87	
1790	Breitenslein, Charles F.	Oct. 28, 80	"	St. Madison.			1882, 83, 84, 85, 86, 87	Left the State.
1801	Blum, Charles C.	Aug. 11, 80	As assistant.	Rossville.			1882, 83, 84, 85, 86, 87	
1808	Beeman, C. D.	Oct. 20, 80	As owner.	Waukon.			1882, 83, 84, 85, 86, 87	
1824	Babecek, E. M.	Nov. 3, 80	"	Wyoming.			1882, 83, 84, 85, 86, 87	
1830	Baughman, Oliver F.	Nov. 8, 80	As assistant.	Kinross.			1882, 83, 84, 85, 86, 87	
1842	Bolton, Frank B.	Nov. 11, 80	"	New Hartford.			1882, 83, 84, 85, 86, 87	Canceled by request.
1852	Brackett, A. B.	Oct. 29, 80	By examinatio	Goldfield.			1882, 83, 84, 85, 86, 87	
1858	Bentley, N. J.	Aug. 3, 80	"	Oskaloosa.			1882, 83, 84, 85, 86, 87	
1870	Bice, D. C.	Oct. 19, 80	"	De Sota.			1882, 83, 84, 85, 86, 87	
1882	Ballard, E. H.	Sept. 15, 80	"	Estherville.			1882, 83, 84, 85, 86, 87	

[E3]

STATE PHARMACY REGISTER.

9



ABSTRACT—CONTINUED.

10

STATE PHARMACY REGISTER.

[E 3]

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
1884	Barker, Wm. W.	Sept. 13, 80	By examin.	Hastings				Retired.
1885	Burns, J. O.	Aug. 13, 80	"	Ottumwa.			1882, 83, 84, 85, 86, 87	In Kansas.
1886	Bothwell, G. Wendell	Nov. 11, 80	"	Fonda.			1882, 83, 84, 85, 86, 87	
1915	Breneman, J. T.	Aug. 23, 80	"	Audubon	Gray	April 5, 83	1883, 84, 85, 86, 87	Delinquent 4 years.
1927	Brown, E. H.	Nov. 22, 80	"	Burlington			1882, 83, 84, 85, 86, 87	
1934	Burroughs, J. E.	Nov. 15, 80	"	Washington			1882, 83, 84, 85, 86, 87	
1943	Boorse, H. A.	July 28, 80	"	Bloomfield			1884	
1951	Blackmer, Benj. P.	Dec. 24, 80	As owner	Bonaparte			1882, 83, 84, 85, 86, 87	Norristown, Pa.
1962	Bone, H. C.	Jan. 29, 81	As assistant	Westerville	Grand River	April 14, 84	1882, 83, 84, 85, 86, 87	Superseded by 3179.
1966	Bosworth, Drake S.	Nov. 15, 80	As owner	Ames			1882, 83, 84, 85, 86, 87	Dead.
1969	Brotherlin, H. L.	Dec. 21, 80	By examin.	Tippecanoe			1882, 83, 84, 85, 86, 87	
2001	Budrow, W. C.	Jan. 14, 81	"	Ogden			1884	Delinquent 3 years.
2019	Bottorff, Isaac W.	Mar. 14, 81	As owner	Martinsburg			1882, 83, 84, 85, 86, 87	
2027	Bort, Frank J.	Mar. 8, 81	"	Rockford			1882, 83, 84	Dead.
2028	Bonesteel, Wm. J.	Mar. 2, 81	"	Grand Mound	Scranton	June 22, 82	1882, 83, 84	Forfeited.
2033	Behle, Wm. H.	Mar. 26, 81	"	Garnaville			1882, 83, 84	Forfeited.
2037	Bone, James A.	April 2, 81	"	Westerville			1882, 83	Forfeited.
2051	Barnes, D. B.	April 25, 81	By examin.	Iowa Moines			1882, 83, 84, 85, 86, 87	
2062	Brook, Milton H.	April 25, 81	"	Vandalla	Runnels	Mar. 22, 82	1882, 83, 84, 85	Delinquent 2 years.
2079	Bell, F. E.	April 21, 81	"	Newburn			1884	Canceled by request.
2081	Burroughs, Stephen W.	April 11, 81	"	Holland			1882, 83, 84, 85, 86, 87	
2082	Britton, Charles H.	April 21, 81	"	Winterset			1882, 83, 84, 85, 86, 87	Berlin, Wis.
2088	Battee, Wm. E.	Feb. 7, 81	"	Muscantine			1882, 83, 84, 85, 86, 87	
2100	Burr, Theodore B.	Feb. 7, 81	"	Garrison	Harlan	Feb. 16, 86	1883, 84, 85, 86, 87	
2103	Barr, George W.	Feb. 18, 81	"	Iowa City	Grundy Center	June 20, 82	1882, 83, 84, 85, 86, 87	Removed.
2108	Brooks, John E.	May 2, 81	As owner	Clinton			1882, 83, 84, 85, 86, 87	
2130	Black, George W.	May 26, 81	By examin.	Elksworth			1882, 83, 84	Canceled by request.
2150	Berryhill, Wm.	June 30, 81	"	Clarinda			1882, 83, 84, 85, 86, 87	In Colorado.
2166	Burbank, Jerome	July 26, 81	"	Allison			1882, 83, 84, 85, 86, 87	
2168	Burroughs, Samuel E.	July 25, 81	"	Holland	Allison	Mar. 30, 85	1882, 83, 84, 85, 86, 87	
2176	Buad, Frank Murrell	Aug. 26, 81	Graduate	Dubuque			1882, 83	Forfeited.
2177	Blackley, Milan A.	Aug. 2, 81	By examin.	Lake City	Bayard	Feb. 21, 83	1882, 83	Out of business.
2182	Bodie, F. S.	Aug. 10, 81	"	Grinnell			1882, 83	Gone to California.
2187	Burns, E. M.	Aug. 2, 81	"	Council Bluffs	Mason City	Feb. 23, 85	1882, 83, 84, 85, 86, 87	
2189	Beldin, M. J.	Aug. 8, 81	"	Canton			1882, 83, 84, 85, 86, 87	
2199	Bradshaw, J. B.	Aug. 9, 81	"	Siles			1882, 83	Dead.
2224	Baite, F. M.	Sept. 7, 81	"	Wesley			1882, 83, 84, 85, 86, 87	
2292	Bonner, Ephraim	Sept. 26, 81	By examinat'n	Rockwell			1882	In Dakota.
2293	Brush, George W.	Oct. 10, 81	"	Tracer	Tama City	Mar. 22, 83	1882, 83, 84, 85, 86, 87	
2300	Brown, Artemus	Jan. 24, 82	"	Le Roy	Le Roy	Sept. 24, 81	1882, 83, 84, 85, 86, 87	
2335	Bennett, Joseph W.	Jan. 31, 82	"	Waverly			1882, 83, 84, 85, 86, 87	
2350	Brueer, D. M.	Feb. 25, 82	"	Clio			1882, 83, 84, 85, 86, 87	
2368	Bibbins, A. L.	Jan. 9, 82	"	Marshalltown	Bedford	June 9, 85	1882, 83, 84, 85, 86, 87	
2371	Billings, R. F.	Dec. 22, 82	"	Sioux Rapids			1882, 83	Left the country.
2371	Berryman, A. W.	Mar. 9, 82	"	Bancroft	Montour	Mar. 26, 87	1882, 83, 84, 85, 86, 87	
2380	Balkham, S. L.	Mar. 28, 82	"	Oakland			1883, 84, 85, 86, 87	
2380	Bedford, A. D.	April 4, 82	"	Sioux City			1883, 84, 85, 86, 87	Delinquent 5 years.
2393	Beutley, E. M.	April 6, 82	"	Norrboro	Blanchard	June 17, 82	1883, 84, 85, 86, 87	Coleman, Dakota.
2405	Brittan, Jr. Stephen P.	April 28, 82	"	Rockford	Rockford	April 16, 85	1883, 84, 85, 86, 87	
2428	Barney, J. H.	May 24, 82	"	Webster City			1883, 84, 85	Delinquent 2 years.
2432	Burnett, Milo T.	May 24, 82	"	Clyde	Baxter	Nov. 8, 83	1883, 84, 85, 86, 87	
2430	Baley, W. C.	May 16, 82	"	Ottumwa	Ottumwa	Oct. 8, 83	1883	Left the town.
2441	Bosley, James E.	May 17, 82	"	Marengo	Ladora	Dec. 17, 86	1883, 84, 85, 86, 87	
2443	Babcock, James F.	June 9, 82	"	New Hampton			1883, 84	Out of business.
2444	Bland, J. C. W.	May 18, 82	"	Moravia			1883	Delinquent 4 years.
2453	Brokaw, Norton	May 22, 82	"	Clarinda			1883, 84	In St. Joseph, Mo.
2454	Berry, W. F.	May 22, 82	"	Sumner			1883, 84, 85, 86, 87	
2472	Bryant, Z. Z.	June 2, 82	"	Sumner			1883, 84, 85, 86, 87	
2481	Blythe, C.	June 20, 82	"	Woodburn			1883, 84, 85, 86, 87	
2483	Bullock, Chas.	June 22, 82	"	Denison			1883, 84, 85, 86, 87	
2497	Bachman, E. W.	July 11, 82	"	West Bend			1883, 84, 85, 86, 87	
2501	Bauer, Wm.	Aug. 8, 82	"	Des Moines			1883, 84, 85, 86, 87	
2513	Brubaker, Chas.	Aug. 15, 82	"	Vandalla			1883, 84, 85	Dead.
2522	Brownrig, Wm. J.	Sept. 5, 82	"	Persia			1883, 84, 85, 86, 87	
2523	Brower, J. H.	Sept. 5, 82	"	Calliope			1883, 84, 85, 86, 87	
2531	Bielenberg, John R.	Sept. 14, 82	"	Wheatland	Keystone	Jan. 3, 87	1883, 84, 85, 86, 87	
2543	Burhaus, Orris M.	Oct. 19, 82	"	Essex			1883	In Nebraska.
2573	Byrns, J. A.	Oct. 19, 83	"	Marshalltown			1883, 84, 85, 86, 87	
2597	Bibby, A. M.	Jan. 16, 83	"	Harvard	Eldon	Feb. 15, 87	1883, 84, 85, 86, 87	
2599	Babcock, F. J.	Feb. 28, 83	"	Humboldt	Busti	Nov. 28, 85	1883, 84, 85, 86, 87	Out of business.
2606	Bonham, John G.	Mar. 23, 83	"	Sutherland			1884, 85, 86, 87	
2607	Baron, Henry S.	Mar. 20, 83	"	Orange City			1884, 85, 86, 87	Delinquent 4 years.
2618	Boyd, John R.	April 30, 83	"	Defiance			1884, 85, 86, 87	
2623	Blair, W. G.	April 25, 83	"	Council Bluffs			1884, 85, 86, 87	Canceled by request.
2629	Baker, Frank J.	May 12, 83	"	Sioux City	Sioux City	Dec. 9, 84	1884, 85, 86, 87	
2640	Bailey, W. C.	May 29, 83	"	Corydon			1884, 85	In California.
2646	Boller, F. A. C.	June 14, 83	"	Elkader			1884, 85, 86, 87	Delinquent 2 years.
2649	Banks, E. H.	June 19, 83	"	Holt	Kingsley	Mar. 10, 84	1884	
2651	Bennie, Andrew	June 21, 83	"	Irwin			1884, 85, 86, 87	Delinquent 3 years.
2654	Branson, W. S.	June 29, 83	"	Gray			1884, 85, 86, 87	
2667	Bucklin, Jr. Samuel S.	Aug. 2, 83	"	Des Moines			1884, 85, 86, 87	Now at Chicago.
2703	Beypier, J. F.	Nov. 23, 83	"	Red Oak	Indianola	Feb. 16, 84	1884, 85, 86, 87	
2725	Brobst, D. B.	Mar. 6, 84	"	Lost Nation			1884, 85, 86, 87	
2723	Bagley, James W.	Feb. 18, 84	"	Alton	Creston	May 1, 86	1884, 85, 86, 87	
2780	Baker, B. B.	July 15, 84	"	Corning			1885, 86	Gone to Nebraska.
2795	Black, Edwin T.	Sept. 1, 84	"	Creston			1885	Canceled by request.

[S 1]

STATE PHARMACY REGISTER.

11



# ABSTRACT—CONTINUED.

12

STATE PHARMACY REGISTER.

[23]

[87]

STATE PHARMACY REGISTER.

13

Number of certificate.	NAMES.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
2805	Bullock, Frank H.	Sept. 16, 84	By examinat'n	Fayette	.....	.....	1885, 86, 87	
2811	Brown, Caleb.	Oct. 1, 84	"	Sac City	.....	.....	1885, 86, 87	
2824	Bennett, Theo. W.	Dec. 30, 84	"	Lenox	.....	.....	1885, 86, 87	
2830	Beebe, J. T.	Jan. 14, 85	"	Afton	.....	.....	1885, 86, 87	
2836	Blythe, S. G.	Feb. 3, 85	"	Nora Springs	.....	.....	1885, 86, 87	
2838	Beatty, T. B.	Feb. 13, 85	"	Anita	.....	.....	1885, 86, 87	
2845	Booth, S. K.	Mar. 19, 85	"	Mitchellville	Des Moines	June 29, 86	1885, 86, 87	Canceled by request.
2854	Barkalow, D. G.	April 7, 85	"	Gladbrook	East Nodaway	Oct. 30, 85	1886, 87	
2873	Barrett, C. E.	Oct. 17, 80	"	Des Moines	Dunlap	Oct. 6, 87	1886, 87	
2881	Bosworth, L. M.	May 26, 85	"	Ames	.....	.....	1886, 87	
2896	Boberg, Nills Peter Richard.	June 27, 85	Graduate	Des Moines	.....	.....	.....	Forfeited.
2919	Benge, Alfred T.	Sept. 7, 85	By examinat'n	Bloomfield	.....	.....	.....	Delinquent 2 years.
2947	Ballheim, Chas. H.	Nov. 3, 85	"	Cedar Rapids	.....	.....	1886, 87	
2941	Bradbury, Chas. A.	Nov. 5, 85	"	Whitten	(For Whitten only).	.....	1886, 87	Superseded by 3330.
2943	Bowman, Clarence D.	Nov. 12, 85	Graduate	Council Bluffs	.....	.....	1886, 87	Delinquent 2 years.
2954	Blackmore, J. B.	Jan. 4, 86	By examinat'n	Keosauqua	.....	.....	1886, 87	Now in Wichita, Kan.
2958	Ballard, C. E.	Dec. 29, 85	"	Paulina	.....	.....	1886, 87	
2960	Bower, J. J. C.	Jan. 12, 86	"	Centerville	Osceola	Oct. 14, 86	1886, 87	
2975	Baker, W. S.	Feb. 2, 86	"	Pulaski	Farmington	Nov. 4, 86	1886, 87	
2976	Baldwin, P. A.	Feb. 2, 86	"	Yarmouth	(For Yarmouth only)	.....	1886, 87	
2997	Burlingham, E. H.	Mar. 16, 86	"	West Union	Fredericksburg	July 24, 86	1886, 87	
3007	Burns, J. H.	May 18, 86	"	Dubuque	Fredericksburg	.....	1887	
3020	Burd, Edwin.	May 18, 86	"	Lisbon	.....	.....	1887	
3050	Bale, Will G.	July 20, 86	"	Iowa City	.....	.....	1887	Now in Kansas.
3059	Bans, Leo F. A.	July 20, 86	"	Mapleton	Odebolt	June 27, 87	1887	Now in Illinois.
3074	Berringer, Will J.	Sept. 13, 86	"	Des Moines	Pleasantville	June 30, 87	1887	
3079	Batterson, J. S.	Sept. 21, 86	"	Cedar Falls	Marshalltown	July 18, 87	1887	
3080	Beck, Louis	Sept. 29, 86	"	Des Moines	.....	.....	1887	Now in Kansas City.
3100	Baker, Orrin H.	Oct. 16, 86	"	Des Moines	Walnut	Feb. 18, 87	1887	
3104	Bartram, R. T.	Dec. 7, 86	"	Albia	.....	.....	1887	
3111	Breithaupt, J. B.	Dec. 21, 86	"	Newton	.....	.....	1887	
3116	Busch, W. C. A.	Mar. 25, 87	Graduate	West Union	.....	.....	1887	
3118	Barrell, Geo. M.	Jan. 24, 80	By examinat'n	West Union	.....	.....	1887	Now in Massachusetts
3126	Biddinger, J. W.	Mar. 16, 87	"	Quasqueton	Hastings	May 18, 87	1887	
3128	Blanchaine, C. H.	Mar. 21, 87	"	Ossian	.....	.....	1887	
3132	Brown, Erasmus C.	Feb. 14, 87	"	Council Bluffs	.....	.....	1887	
3135	Beckwith, J. C.	Feb. 1, 87	"	Ireton	.....	.....	1887	
3150	Burbank, Geo. W.	Feb. 25, 87	By examinat'n	Allison	.....	.....	87	
3161	Brubaker, Chas. W.	Feb. 25, 87	"	Iowa City	.....	.....	87	
3162	Bosner, Ed. A.	Mar. 10, 87	"	Council Bluffs	.....	.....	87	
3163	Brown, Oscar H.	Mar. 15, 87	"	Maxwell	.....	.....	87	
3177	Benedict, George.	Mar. 15, 87	"	Grand River	.....	.....	87	
3179	Bone, H. C.	Mar. 15, 87	"	Des Moines	.....	.....	87	
3214	Beidenkopf, Geo. M.	Apr. 5, 87	"	Audubon	Brayton	June 15, 87	87	
3218	Bison, Charles L.	Apr. 19, 87	"	Dubuque	.....	.....	87	
3219	Brown, Charles J.	Apr. 19, 87	"	Leon	.....	.....	87	
3230	Beaudry, E. B.	Apr. 19, 87	"	Coln. Hill	.....	.....	87	
3237	Brockett, Frank L.	May 3, 87	"	Bancroft	.....	.....	87	
3246	Berryman, A. J.	May 17, 87	"	Boydton	For Boydton only	.....	87	
3268	Brink, Milber	June 21, 87	"	Des Moines	.....	.....	87	Expires June 21, 1888.
3272	Brooke, Albert	July 1, 87	"	Iowa City	.....	.....	87	Now in Chicago.
3276	Boerner, Emil L.	July 7, 87	Graduate	Denison	.....	.....	87	
3281	Burk, James F.	July 19, 87	By examinat'n	Cherokee	.....	.....	87	
3302	Beckmann, Otto C.	Aug. 15, 87	Graduate	Battle Creek	.....	.....	87	
3303	Bronson, Eugene C.	Aug. 15, 87	"	Cedar Rapids	.....	.....	87	
3307	Bean, J. E.	Sept. 5, 87	By examinat'n	Mason City	.....	.....	87	
3308	Baker, Lincoln E.	Sept. 9, 87	"	De Witt	.....	.....	87	
3312	Baxter, C. V.	Sept. 6, 87	"	Council Bluffs	.....	.....	87	
3324	Beck, O. P.	Sept. 20, 87	"	Whitten	.....	.....	87	
3330	Bradbury, Charles A.	Oct. 11, 87	"	Eldora	.....	.....	87	
3336	Bilby, P. M.	Oct. 18, 87	"	Polo	.....	.....	1882, 83, 84, 85, 86, 87	
10	Cain, John G.	June 7, 80	As owner	Farmington	.....	.....	1882, 83, 84, 85, 86, 87	
13	Cross, John T.	June 2, 80	"	Stanton	.....	.....	1882, 83, 84, 85, 86, 87	Retired; forfeited.
23	Chapman, L. A.	June 4, 80	"	South English	.....	.....	1882, 83, 84, 85, 86, 87	
27	Coffman, H. C.	June 4, 80	"	South English	South English	Nov. 3, 83	1882, 83, 84, 85, 86, 87	
28	Coffman, W. T.	June 5, 80	"	Marble Rock	.....	.....	1882, 83, 84, 85, 86, 87	Delinquent 2 years.
31	Clark, Lora B.	June 5, 80	"	New Hartford	.....	.....	1882, 83, 84, 85, 86, 87	Forfeited.
68	Cousins, John A.	June 8, 80	As principal	Elliott	.....	.....	1882, 83, 84, 85, 86, 87	
91	Clure, Joseph	June 9, 80	As owner	Leon	.....	.....	1882, 83, 84, 85, 86, 87	
103	Chase, Abel E.	June 7, 80	"	Charles City	.....	.....	1882, 83, 84, 85, 86, 87	
113	Crane, G. W.	June 10, 80	"	Burlington	.....	.....	1882, 83, 84, 85, 86, 87	
117	Churchill, F. E.	June 12, 80	"	Correctionville	.....	.....	1882, 83, 84, 85, 86, 87	
126	Castle, Wm.	June 11, 80	"	What Cheer	.....	.....	1882, 83, 84, 85, 86, 87	Forfeited.
135	Channell, L. M.	June 14, 80	"	Charleston	.....	.....	1882, 83, 84, 85, 86, 87	Superseded by 2421.
139	Cross, H. H.	June 16, 80	"	Maple River Junc.	Baldwin	Mar. 24, 85	1882, 83, 84, 85, 86, 87	Forfeited.
158	Cook, F. E.	June 15, 80	"	Pattersonville	(Hull)	.....	1882, 83, 84, 85, 86, 87	Forfeited.
159	Coad, N. G. O.	June 16, 80	"	Audubon	Audubon	Mar. 30, 85	1882, 83, 84, 85, 86, 87	
173	Cloughly, Wm.	June 12, 80	"	Albia	.....	.....	1882, 83, 84, 85, 86, 87	
184	Cousins, W. B.	June 21, 80	"	Milo	.....	.....	1882, 83, 84, 85, 86, 87	Sold out; forfeited.
188	Cousins, Mrs. A. M.	June 21, 80	"	Mediapolis	.....	.....	1882, 83, 84, 85, 86, 87	Forfeited.
195	Cooper, S. A.	June 12, 80	"	Le Mars	.....	.....	1882, 83, 84, 85, 86, 87	
177	Cartwright, W. H.	June 17, 80	"	Muscantine	.....	.....	1882, 83, 84, 85, 86, 87	
214	Carter, George	June 14, 80	"	Andrew	.....	.....	1882, 83, 84, 85, 86, 87	
223	Caughlan, Chas. R.	June 16, 80	"	Agency City	.....	.....	1882, 83, 84, 85, 86, 87	Delinquent 2 years.
228	Carnahan, Abraham S.	June 5, 80	"	.....	.....	.....	.....	
239	Chambers, E. A.	June 17, 80	As principal	.....	.....	.....	.....	



# ABSTRACT-CONTINUED.

14

STATE PHARMACY REGISTER.

[23]

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
244	Cherry, J. W.	June 7, 80	As owner	Afton			1882, 83, 84, 85, 86, 87	
311	Carmichael, G. O.	June 19, 80	"	Brighton			1882, 83, 84, 85, 86, 87	Delinquent 1 year.
336	Cole, Thos.	June 9, 80	"	Colesburg			1882, 83, 84, 85, 86, 87	
347	Carpenter, S. E.	June 5, 80	"	Chariton			1882, 83, 84, 85, 86, 87	Forfeited.
351	Cowles, Arthur W.	June 8, 80	"	Council Bluffs			1882, 83, 84, 85, 86, 87	
416	Crain, Alex. D.	June 12, 80	"	Des Moines			1882, 83, 84, 85, 86, 87	Forfeited.
445	Crozer, James	June 7, 80	"	Downey			1882, 83, 84, 85, 86, 87	
452	Cummings, J. A.	June 3, 80	As assistant	Delhi			1882, 83, 84, 85, 86, 87	Delinquent 1 year.
460	Carnahan, Hugh	June 4, 80	As principal	Davenport			1882, 83, 84, 85, 86, 87	Dead.
491	Crowder, Jno. J.	June 23, 80	"	Mediapolis			1882, 83, 84, 85, 86, 87	
492	Cole, T. R.	June 23, 80	As owner	Marysville			1882, 83, 84, 85, 86, 87	
516	Cragg, Geo. W.	June 24, 80	As assistant	Dakota	Eagle Grove	Dec. 8, 80	1882, 83, 84, 85, 86, 87	Forfeited.
517	Cragg, Wm.	June 4, 80	As owner	Dakota	Havlock	Aug. 3, 80	1882, 83, 84, 85, 86, 87	Forfeited.
519	Conrad, Edwin	June 26, 80	As assistant	Denmark	Des Moines	June 20, 84	1882, 83, 84, 85, 86, 87	Forfeited.
522	Cooper, Samuel M.	June 9, 80	"	Council Bluffs			1882, 83, 84, 85, 86, 87	Forfeited.
529	Cook, Thos. C.	June 23, 80	As owner	New Providence	Lawn Hill		1882, 83, 84, 85, 86, 87	Forfeited.
550	Chamberlain, Geo. W.	June 14, 80	"	Eddyville			1882, 83, 84, 85, 86, 87	Forfeited.
562	Cooley, Clayton R.	June 4, 80	As assistant	Eldora			1882, 83, 84, 85, 86, 87	Forfeited.
562	Cowley, James	June 14, 80	"	Eddyville			1882, 83, 84, 85, 86, 87	Forfeited.
582	Crawford, E. W.	June 15, 80	As owner	Fort Dodge			1882, 83, 84, 85, 86, 87	Superseded by 2221.
584	Cheney, John C.	June 22, 80	"	Fairfield			1882, 83, 84, 85, 86, 87	
587	Clarke, Geo. D.	June 8, 80	"	Fairfield			1882, 83, 84, 85, 86, 87	
588	Clarke, Chas. S.	June 8, 80	"	Fairfield			1882, 83, 84, 85, 86, 87	Dead.
592	Chapman, K. S.	June 12, 80	"	Fort Atkinson			1882, 83, 84, 85, 86, 87	
600	Cole, Jno. L.	June 15, 80	"	Greene			1882, 83, 84, 85, 86, 87	
608	Cummings, Ira	June 11, 80	"	Greencastle	Mingo	April 21, 80	1882, 83, 84, 85, 86, 87	
609	Cummings, Albert	June 11, 80	"	Greencastle	Mingo		1882, 83, 84, 85, 86, 87	
616	Crow, Wm. M.	June 9, 80	"	Grand Junction			1882, 83, 84, 85, 86, 87	
617	Capwell, Daniel H.	June 9, 80	As principal	Garrison			1882, 83, 84, 85, 86, 87	Forfeited.
650	Coeke, A. R.	June 3, 80	As owner	Indianola			1882, 83, 84, 85, 86, 87	Superseded by 1890.
662	Clark, A. B.	June 24, 80	"	Independence			1882, 83, 84, 85, 86, 87	Dead.
686	Craig, Wm.	June 4, 80	"	Keosauqua			1882, 83, 84, 85, 86, 87	
707	Camp, Americus	June 4, 80	"	Kellerton			1882, 83, 84, 85, 86, 87	
708	Camp, Marshall	June 4, 80	"	Kellerton			1882, 83, 84, 85, 86, 87	
738	Cameron, Ira F.	June 30, 80	"	Keswick			1882, 83, 84, 85, 86, 87	Superseded by 3112.
739	Conley, John	June 26, 80	"	Knoxville			1882, 83, 84, 85, 86, 87	Revoked.
826	Crozier, B. L.	June 3, 80	"	Mt. Pleasant			1882, 83, 84, 85, 86, 87	Forfeited.

845	Carr, Aaron S.	June 11, 80	"	Murray			1882, 83, 84, 85, 86, 87	Forfeited.
874	Canon, J. H.	June 5, 80	"	Muscantine			1882, 83, 84, 85, 86, 87	Forfeited.
893	Crary, Hunter C.	June 19, 80	"	Milford			1882, 83, 84, 85, 86, 87	Forfeited.
896	Carter, Frank M.	June 3, 80	"	Mt. Ayr			1882, 83, 84, 85, 86, 87	Revoked.
896	Campbell, Wm. C.	June 23, 80	As assistant	Mt. Ayr			1882, 83, 84, 85, 86, 87	Forfeited.
910	Campbell, David G.	June 17, 80	As owner	Miles			1882, 83, 84, 85, 86, 87	Dead.
935	Carson, Geo.	June 7, 80	"	New Sharon			1882, 83, 84, 85, 86, 87	
957	Colman, J. B.	June 23, 80	"	Newell			1882, 83, 84, 85, 86, 87	Forfeited.
960	Churchill, Frank	July 8, 80	As assistant	Burlington			1882, 83, 84, 85, 86, 87	
961	Chapman, Wm. C.	July 5, 80	As principal	Bedford			1882, 83, 84, 85, 86, 87	Forfeited.
965	Conrad, Max	June 8, 80	As owner	Ottumwa			1882, 83, 84, 85, 86, 87	Superseded by 1874.
1007	Castle, Chas. A.	June 16, 80	As assistant	Ottumwa			1882, 83, 84, 85, 86, 87	
1043	Chase, Frank W.	July 8, 80	As owner	Orchard			1882, 83, 84, 85, 86, 87	Forfeited.
1049	Courtney, Henry	June 8, 80	"	Perry			1882, 83, 84, 85, 86, 87	
1056	Culbertson, Wm. F.	June 10, 80	"	Princeton			1882, 83, 84, 85, 86, 87	
1101	Crowder, Wm. L.	June 7, 80	"	Rose Hill			1882, 83, 84, 85, 86, 87	Forfeited.
1102	Cora, George W.	June 12, 80	As principal	Red Rock		May 27, 82	1882, 83, 84, 85, 86, 87	Superseded by 3138.
1147	Cromley, John F.	July 7, 80	As assistant	Atlantic	Griswold	Oct. 20, 83	1882, 83, 84, 85, 86, 87	Superseded by 3171.
1151	Childs, Horace A.	July 6, 80	As owner	Lenox			1882, 83, 84, 85, 86, 87	
1156	Common, Hugh	July 9, 80	"	Molnigona	Kalo	Aug. 15, 82	1882, 83, 84, 85, 86, 87	Forfeited.
1168	Calkins, Eugene M.	July 8, 80	"	Norway	Vanhorne	June 1, 80	1882, 83, 84, 85, 86, 87	Forfeited.
1172	Chrystler, James G.	July 9, 80	"	Frimghar	Hartley	Mar. 22, 80	1882, 83, 84, 85, 86, 87	Forfeited.
1220	Cline, Wm. A.	June 3, 80	"	Searsboro	Lehigh	Sept. 26, 84	1882, 83, 84, 85, 86, 87	Forfeited.
1235	Coffin, Reuben	June 9, 80	"	Tama City			1882, 83, 84, 85, 86, 87	
1300	Chilcote, Wm. E.	June 18, 80	"	Washington			1882, 83, 84, 85, 86, 87	
1301	Cook, Wm. A.	June 18, 80	"	Washington			1882, 83, 84, 85, 86, 87	
1307	Coyett, Sidney	July 2, 80	"	Waverly	Woodbine	Jan. 4, 82	1882, 83, 84, 85, 86, 87	Forfeited.
1311	Clayton, Peter F.	June 12, 80	"	Battle Creek	Imogene	April 21, 80	1882, 83, 84, 85, 86, 87	Delinquent 1 year.
1312	Cole, Orrin D.	June 7, 80	"	Woodbine			1882, 83, 84, 85, 86, 87	
1345	Cox, G. W.	June 17, 80	"	Winterset	Council Bluffs	April 9, 87	1882, 83, 84, 85, 86, 87	
1355	Clarke, Charles F. M.	June 22, 80	"	Wauke			1882, 83, 84, 85, 86, 87	
1364	Chamberlain, M. A.	July 6, 80	"	Winthrop			1882, 83, 84, 85, 86, 87	
1369	Coolidge, H. L.	July 16, 80	"	Bonaparte			1882, 83, 84, 85, 86, 87	
1370	Coolidge, O. J.	July 16, 80	"	Bonaparte			1882, 83, 84, 85, 86, 87	Forfeited.
1375	Cole, Ira W.	June 10, 80	"	Bussey			1882, 83, 84, 85, 86, 87	Forfeited.
1405	Cummins, Milford L.	July 14, 80	"	La Porte City			1882, 83, 84, 85, 86, 87	
1421	Clark, Eaton K.	July 28, 80	"	Seymour			1882, 83, 84, 85, 86, 87	
1437	Cary, John C. F.	July 16, 80	"	Atlantic			1882, 83, 84, 85, 86, 87	Forfeited.
1450	Cooling, Albert A.	July 17, 80	"	Wilton Junction	Lohrville	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Canceled.
1461	Craig, John A.	July 15, 80	As assistant	Rippe			1882, 83, 84, 85, 86, 87	
1489	Cole, D. L.	July 8, 80	As owner	Bussey			1882, 83, 84, 85, 86, 87	
1491	Clemmer, J. J.	June 14, 80	"	Cresco			1882, 83, 84, 85, 86, 87	
1512	Congdon, D. C.	July 22, 80	As assistant	Winterset			1882, 83, 84, 85, 86, 87	Forfeited.
1513	Coy, James W.	July 24, 80	As owner	Dubuque			1882, 83, 84, 85, 86, 87	
1541	Cunningham, C. F.	July 26, 80	"	Tonia			1882, 83, 84, 85, 86, 87	
1552	Clark, Charles T.	July 28, 80	"	Riverton			1882, 83, 84, 85, 86, 87	Forfeited.
1572	Cooper, George H.	July 29, 80	"	De Soto			1882, 83, 84, 85, 86, 87	Forfeited.
1578	Crawford, W. F.	July 26, 80	As assistant	Des Moines			1882, 83, 84, 85, 86, 87	Forfeited. See 2861.
1606	Chambers, R. M.	Aug. 27, 80	As owner	Danville			1882, 83, 84, 85, 86, 87	
1609	Clark, Edwin A.	Aug. 27, 80	"	Davenport			1882, 83, 84, 85, 86, 87	

[23]

STATE PHARMACY REGISTER.

15



ABSTRACT—CONTINUED.

16

STATE PHARMACY REGISTER

[23

1897.]

STATE PHARMACY REGISTER

17

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
1615	Clayton, W. A.	Aug. 15, 80	As assistant.	Marble Rock				Retired; forfeited.
1621	Cary, Wm.	Aug. 9, 80	As owner.	Millersburg				Forfeited.
1628	Connett, A. H.	Aug. 3, 80	As assistant.	Bedford				Forfeited.
1632	Childs, E. P.	July 27, 80	As owner.	Liberty Center				Forfeited.
1641	Cook, D. O.	Aug. 23, 80	As assistant.	Calamus				Forfeited.
1642	Cummins, E.	Aug. 17, 80	As owner.	Moravia				
1643	Cummins, Robert	Aug. 19, 80	As assistant.	Moravia				In Oregon; forfeited.
1670	Carroll, J. M.	Sept. 17, 80	By examinat'n	Pomeroy	Laurens	July 2, 83	1882, 83, 84, 85, 86, 87	
1675	Cherry, J. E.	Aug. 3, 80	"	Afton				Delinquent 6 years.
1688	Campbell, Wm. J.	Aug. 26, 80	"	Fort Dodge				
1708	Carmichael, J. H.	Aug. 24, 80	"	Davenport				In Minnesota.
1832	Carter, C. W.	Nov. 11, 80	As principal	Rome				Forfeited.
1845	Cook, S. M.	Nov. 29, 80	As owner.	Charles City				Canceled by request.
1850	Campbell, James	Nov. 30, 80	As principal	North English				Forfeited.
1874	Conrad, Max	Nov. 6, 80	By examinat'n	Ottumwa				Removed to Omaha.
1880	Chambers, David	July 30, 80	"	Ottumwa				
1881	Crosby, W. A.	Oct. 14, 80	"	Mason City				Revoked.
1889	Chamberlain, Lowell	Aug. 8, 80	"	Marion	Des Moines	April 27, 85	1882, 83, 84, 85, 86, 87	
1890	Cooke, A. R.	Sept. 2, 80	"	Indianola				Dead.
1935	Caldwell, S. W.	Nov. 20, 80	"	Sioux City				Retired.
1948	Chapel, R. H.	Dec. 28, 80	As owner	Mt. Auburn				Forfeited.
1976	Coltrane, M. B.	Jan. 18, 81	"	Keosauqua	Thayer	Mar. 26, 85	1882, 83, 84, 85, 86, 87	Dead.
1987	Campbell, Thomas M.	Dec. 15, 80	By examinat'n	West Liberty				Dead.
1998	Cotting, C. L.	Jan. 3, 81	"	Shell Rock				Delinquent 6 years.
2020	Claybaugh, Jos. P.	Mar. 10, 81	As assistant.	Patterson				Forfeited.
2036	Cameron, Chas. E.	Mar. 23, 81	As principal	Storm Lake				Superseded by 2265.
2043	Comstock, D. D.	April 14, 81	As owner	Lost Nation				
2044	Cook, S. D.	April 18, 81	"	Sioux City				Forfeited.
2046	Crawford, James	April 18, 81	"	Dodge's Station				Dead.
2052	Caldwell, J. E.	Mar. 21, 81	By examinat'n	Iowa City				Removed to Neb.
2084	Cooper, H. T.	April 16, 81	"	Grinnell	Newton	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Delinquent 5 years.
2120	Comstock, Charles E.	May 16, 81	"	Atlantic				Left the town.
2128	Coakley, Joshua W.	May 27, 81	"	Mt. Etina				
2128	Cochran, M. H.	May 30, 81	"	Morning Sun				
2138	Corfe, Frederick	May 28, 81	"	Union				
2134	Carlisle, D. W.	May 27, 81	"	Lineville				Delinquent 6 years.
2150	Cherry, Sam'l B.	June 13, 81	"	Winterset				Dead.
2163	Critz, Sylvester F.	July 13, 81	"	Riverside	Riverside	Jan. 20, 87	1882, 83, 84, 85, 86, 87	
2192	Carson, Ed R.	July 25, 81	"	Keokuk				
2191	Christy, W. D.	Aug. 19, 81	"	Mt. Vernon				
2195	Clark, Chester C.	Aug. 20, 81	"	Afton				
2204	Conger, E. J.	Aug. 10, 81	"	Centerville	Ottumwa			
2209	Castle, Curtis H.	Sept. 2, 81	"	Manchester				
2221	Crawford, R. W.	Oct. 14, 81	"	Wayland				Delinquent 5 years.
2229	Cary, George T.	Aug. 26, 81	"	Fort Dodge				
2244	Cogswell, S. G.	Sept. 1, 81	"	Lewis	Grant	Dec. 5, 83	1882, 83, 84, 85, 86, 87	
2249	Chase, Cyrus B.	Sept. 28, 81	"	Ottumwa	Des Moines	Aug. 9, 87	1882, 83, 84, 85, 86, 87	
2249	Cornish, Francis E.	Oct. 5, 81	"	Weldon				Delinquent 4 years.
2252	Craig, F. M.	Oct. 17, 81	"	Dows				Delinquent 4 years.
2259	Cowger, Evan F.	Oct. 27, 81	"	Rippey				Delinquent 4 years.
2265	Cameron, Charles E.	Nov. 4, 81	"	Riverton				
2276	Clarke, John H.	Nov. 14, 81	"	Storm Lake	Alta	Dec. 7, 83	1882, 83, 84, 85, 86, 87	In Virginia.
2310	Conrad, Samuel G.	Jan. 19, 82	"	Riverton				Delinquent 3 years.
2311	Cox, J. W.	Jan. 19, 82	"	Callippe				
2343	Clark, J. L.	Feb. 24, 82	"	Coin	Mapleton	July 14, 87	1882, 83, 84, 85, 86, 87	
2351	Coquillette, Wm. E.	Feb. 25, 82	"	Eagle Grove				Address Omaha, Neb.
2376	Clement, H. E.	Mar. 28, 82	"	Nugent's Grove	Nugent's Grove	Nov. 17, 87	1882, 83, 84, 85, 86, 87	
2379	Capwell, C. C.	Mar. 27, 82	"	Des Moines				Resides in Kansas.
2421	Channell, L. M.	April 28, 82	"	Lowell				Out of business.
2426	Butler, Morris L.	May 4, 82	"	Garrison				Canceled by request.
2448	Crappe, Julie	April 7, 82	"	Montezuma				Resides in Dakota.
2449	Crisinger, John C.	April 7, 82	"	Dakota City	Riceville	April 25, 84	1883, 84, 85, 86, 87	
2450	Cionghly, John F.	June 20, 82	"	Hampton	Mason City	April 16, 84	1883, 84, 85, 86, 87	Resides in Wisconsin.
2498	Crawford, A. M.	July 29, 82	"	Farmerville				
2498	Clark, Colu-abus J.	Aug. 4, 82	"	Audubon	Audubon	Aug. 11, 86	1883, 84, 85, 86, 87	
2564	Corkhill, Charles E.	Jan. 2, 83	"	Pacific Junction				Canceled by request.
2565	Connor, Arthur F.	Jan. 10, 83	"	Marb'e Rock				
2676	Campbell, J. W.	Feb. 8, 83	"	Bloomfield	Montrose	April 23, 85	1883, 84, 85, 86, 87	Delinquent 2 years.
2694	Culver, T. M.	April 17, 83	"	Avoca				
2610	Chave, Thomas T.	April 27, 83	"	Mt. Airy				Delinquent 4 years.
2619	Campbell, H. A.	April 11, 83	"	Urban	Walnut	May 25, 83	1884, 85, 86, 87	Canceled by request.
2621	Craven, James O.	May 11, 83	Graduate.	Audubon	Dubuque			Forfeited.
2624	Cunningham, Albert S.	April 24, 83	By examinat'n	Nugent's Grove				
2639	Calkins, C. D.	July 11, 83	"	Brush Creek				
2666	Coxe, John R.	Aug. 3, 83	"	Sutherland	Parnell	June 27, 87	1884, 85, 86, 87	In Illinois.
2683	Clopper, W. T.	Sept. 12, 83	"	Le Mars	Spencer	April 16, 86	1884, 85, 86, 87	
2691	Cook, V. W.	Oct. 22, 83	"	Lake City				
2716	Cornish, J. V.	Feb. 1, 84	"	Wall Lake				In Omaha, Neb.
2740	Camp, John W.	April 15, 84	"	Council Bluffs				
2745	Chapman, Louis C.	May 6, 84	"	Creston				In Kentucky.
2772	Cooke, Geo. A.	June 18, 84	"	Missouri Valley	Missouri Valley	Mar. 27, 85	1885, 86, 87	
2778	Campbell, Lafayette	June 27, 84	"	Chillicothe				
2792	Campbell, Chas. E.	Aug. 5, 84	"	Collins				
2794	Crawford, Wm. D.	Aug. 19, 84	"	Crawfordsville				Dead.
2799	Coveny, J. T.	Sept. 2, 84	"	Surry	Madrid	Aug. 11, 86	1885, 86, 87	



ABSTRACT—CONTINUED.

18

STATE PHARMACY REGISTER.

[B]

1887

STATE PHARMACY REGISTER.

19

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
2813	Chestnut, M. F.	Nov. 3, 84	By examination	Persia.			1885, —	Canceled by request.
2817	Clark, S. W.	Nov. 26, 84	"	Magnolia.	Magnolia only.		1885, 86, 87	
2860	Cady Seldon.	Apr. 14, 85	"	Emmetsburg.			1886, —	Delinquent 1 year.
2861	Crawford, W. F.	Apr. 14, 85	"	Des Moines.			1886, 87	
2872	Conley, H. C.	Apr. 21, 85	"	Moingona.			1886, 87	
2887	Cowden, A. M.	June 2, 85	"	Crawfordsville.	Elvira.	June 29, 86	1886, 87	
2899	Coiner, Wm. E.	July 7, 85	"	Newton.			1886, 87	
2949	Connolly, Wm.	Dec. 1, 85	"	Cresco.			1886, 87	
2950	Coe, Harry.	Nov. 24, 85	"	Des Moines.			1886, 87	
2972	Chase, Willard.	Feb. 19, 86	"	West Liberty.			1886, 87	Now in Nebraska.
2974	Cole, George T.	Feb. 2, 86	"	Greene.			1886, 87	
2990	Cradley, Ed. E.	Mar. 9, 86	"	Cherokee.			1886, 87	
2990	Craig, Hugh B.	Apr. 20, 86	"	Des Moines.			1887	Now in Chicago.
3004	Cass, F. D.	May 5, 86	"	Churdan.			1887	
3005	Cole, I. G.	May 13, 86	"	Williams.	Dayton.	July 9, 86	1887	
3008	Craig, J. W.	May 18, 86	"	Lohrville.			1887	
3016	Clemens, Mike.	May 20, 86	Graduate.	Charles City.			1887	Superseded by 3247.
3041	Cook, C. A.	July 7, 86	By examination	New Providence.			1887	
3062	Conrad, Carl.	Aug. 3, 86	"	Ottumwa.	Clarinda.	Mar. 28, 87	1887	
3071	Cuplin Pascal P.	Sept. 7, 86	"	Emmetsburg.			1887	
3072	Cole, D. B.	Sept. 7, 86	"	Cedar Rapids.			1887	Revoked.
3081	Cope, W. L.	Oct. 5, 86	"	Atalissa.	Grinnell.	Apr. 11, 87	1887	
3083	Colvin, A. W.	Oct. 5, 86	"	Manchester.	Marion.	Feb. 23, 87	1887	
3096	Capwell, D. H.	Nov. 2, 86	"	Ames.	Van Horn.	Sept. 23, 87	1887	
3112	Cameron, Ira F.	Jan. 8, 87	"	Keswick.			1887	
3138	Core, George W.	Feb. 15, 87	"	Rolfe.			1887	
3171	Cromley, John F.	Mar. 9, 87	"	Griswold.			1887	
3195	Cone, Alfred B.	Feb. 15, 87	"	Independence.			1887	
3212	Coughlan, D. J.	Apr. 5, 87	"	Fort Dodge.			1887	
3247	Clemens, Mike.	May 17, 87	"	Charles City.			1887	
3290	Cary, C. A.	July 16, 87	"	Ames.			1887	
3282	Chamberlain, A. M.	July 19, 87	"	Winthrop.			1887	
3325	Catterlin, S. E.	Oct. 14, 87	"	Winterset.			1887	
3334	Coates, Charles.	Oct. 17, 87	"	Des Moines.			1887	
3339	Commons, Robert L.	Oct. 25, 87	"	Mitchellville.			1887	
47	Deakin, H. C.	June 7, 80	As owner.	Vandalla.			1882, 83, 84, 85, 86, 87	
49	Deakin, J. W.	June 7, 80	"	Vandalla.	Des Moines.	Mar. 8, 86	1882, 83, 84, 85, 86, 87	In Dakota, forfeited.
64	De Woody, M. T.	June 7, 80	"	Nugent's Grove.			1882, 83, 84, 85, 86, 87	Retired, forfeited.
73	Douglass, Newton J.	June 7, 80	"	Waucoma.			1882, 83, 84, 85, 86, 87	
77	Dunlavy, James.	June 8, 80	As principal.	Stiles.			1882, 83, 84, 85, 86, 87	
114	Daggett, D. A.	June 11, 80	As owner.	Sloan.			1882, —	Sold out, forfeited.
163	Dewey, C. L.	June 16, 80	"	Hawkeye.			1882, 83, 84, 85, 86, 87	Forfeited.
205	Dierkes, Charles.	June 21, 80	"	Bellevue.			1882, 83, 84, 85, 86, 87	
220	Diehl, Phillip H.	June 15, 80	"	Le Mars.			1882, 83, 84, 85, 86, 87	
312	Dorsey, L. T.	June 10, 80	"	Burlington.			1882, 83, —	Forfeited.
322	Doetken, Carl.	June 21, 80	"	Council Bluffs.			1882, 83, 84, 85, 86, 87	
333	Dusill, A. J.	June 3, 80	As assistant.	Cedar Rapids.			1882, 83, 84, 85, 86, 87	
340	Dunbar, George B.	June 12, 80	As owner.	Cedar Point.			1882, 83, 84, 85, 86, 87	
394	Darron, Frank.	June 2, 80	As assistant.	Columbus Junction.			1882, 83, 84, 85, 86, 87	Forfeited.
486	Darron, Wm. H.	June 25, 80	As owner.	Columbus Junction.			1882, 83, 84, 85, 86, 87	
518	De Santo, Henry H.	June 23, 80	"	Buffalo.			1882, —	Forfeited.
601	Dunkle, Samuel O.	June 16, 80	"	Gildden.			1882, —	Forfeited.
733	Drake, John Q. R.	June 16, 80	"	Des Moines.			1882, 83, 84, —	Forfeited.
747	Dryden, Wm. W.	June 5, 80	"	Lynnville.			1882, 83, 84, 85, 86, 87	
762	Davis, Mahlon J.	June 7, 80	"	Lewis.			1882, 83, 84, 85, 86, 87	
782	Darnell, Homer L.	June 14, 80	"	Holland.			1882, 83, 84, 85, 86, 87	Forfeited.
868	Deutschman, Aug.	June 5, 80	As assistant.	Muscataine.			1882, 83, 84, 85, 86, 87	
878	Davis, Nathan E.	June 14, 80	As owner.	Malcom.			1882, 83, 84, 85, 86, 87	
889	Dawkins, Benj. M.	June 17, 80	"	Mineral Ridge.			1882, 83, 84, 85, 86, 87	
892	Dean, C. A.	June 14, 80	"	Monona.			1882, 83, 84, 85, 86, 87	
917	Dunn, John W.	July 1, 80	"	Derby.			1882, 83, 84, 85, 86, 87	
937	Dean, Rolland T.	June 9, 80	"	New Sharon.			1882, —	Forfeited.
958	Durant, H.	July 3, 80	"	Algona.			1882, 83, 84, 85, 86, 87	
959	Durant, H.	July 3, 80	"	Algona.			1882, 83, 84, 85, 86, 87	
974	Darr, D. Byron.	July 5, 80	"	Ladora.			1882, 83, 84, 85, 86, —	Dead.
969	De Noon, J. W.	June 22, 80	As assistant.	Lamon.			1882, 83, 84, 85, 86, —	Delinquent 1 year.
992	Duffield, Geo. W.	June 26, 80	As principal.	Centerville.			1882, 83, 84, 85, 86, 87	
1023	Doty, Elmer A.	June 19, 80	As owner.	Oxford.			1882, 83, 84, 85, 86, 87	
1030	Daily, J. S.	June 9, 80	"	Osage.			1882, 83, 84, 85, 86, 87	
1026	Durand, Harlan A.	June 18, 80	"	Osage.			1882, 83, 84, 85, 86, 87	Delinquent 1 year.
1060	Douglass, R. N.	June 7, 80	"	Postville.			1882, 83, 84, 85, 86, 87	
1077	Darrah, John E.	June 5, 80	"	Princeton.			1882, 83, 84, 85, 86, 87	Superseded by 2186.
1100	Dodge, Morris B.	June 29, 80	As assistant.	Randalla.			1882, —	Forfeited.
1179	Dudley, Edward H.	June 4, 80	As owner.	Shell Rock.			1882, 83, 84, 85, 86, 87	
1239	Dumfeld, H. F.	June 3, 80	"	Shenandoah.			1882, 83, 84, 85, 86, 87	
1240	Duffield, S. B.	June 3, 80	"	Shenandoah.			1882, 83, 84, 85, 86, 87	
1323	Drake, S. H.	June 8, 80	"	West Union.	Mason City.	Dec. 30, 86	1882, 83, 84, 85, 86, 87	Forfeited.
1340	Duff, John B.	June 19, 80	As assistant.	Winterset.			1882, 83, 84, 85, 86, 87	Forfeited.
1360	Detlor, Byard.	June 7, 80	As owner.	Webster City.			1882, 83, 84, 85, 86, 87	
1418	Dyer, Thomas L.	July 12, 80	"	Polk City.			1882, 83, 84, 85, 86, 87	Forfeited.
1448	Donaldson, W. B.	June 4, 80	As assistant.	Salem.			1882, 83, 84, 85, 86, 87	Superseded by 3316.
1487	Dalrymple, A. L.	July 22, 80	As owner.	Monroe.			1882, 83, 84, 85, 86, 87	
1516	Deuble, John.	July 10, 80	As assistant.	Burlington.			1882, 83, 84, 85, 86, 87	Delinquent 1 year.
1525	Dougherty, John B.	July 27, 80	As owner.	Muscataine.			1882, 83, 84, 85, 86, 87	
1576	Deardorff, A. G.	July 31, 80	As principal.	Perlee.			1882, —	Forfeited.



# ABSTRACT—CONTINUED.

20

STATE PHARMACY REGISTER

187

STATE PHARMACY REGISTER.

21

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
1583	Dunkle, W. B.	July 15, 80	As assistant.	Gilman				Forfeited.
1584	Dumont, T. A.	Aug. 7, 80	As owner.	Dumont			1882, 83, 84, 85, 86, 87	
1587	DeMont, George W.	Aug. 10, 80	"	Grant City			1882, 83, 84, 85, 86, 87	
1591	Danner, Harry M.	July 31, 80	"	Burlington			1882, 83, 84, 85, 86, 87	
1598	De Haven, J. C.	Aug. 30, 80	"	Council Bluffs			1882, 83, 84, 85, 86, 87	
1659	Davis, J. D.	Sept. 2, 80	"	La Moine				Left town; forfeited.
1669	Duffield, M. J.	Aug. 2, 80	By examinat'n	Blanchard	Bedford	June 15, 82	1882, 83, 84, 85, 86, 87	Out of business.
1678	Davis, Harry G.	July 31, 80	"	Iowa City	Burlington	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Delinquent 3 years.
1682	Duke, Chas. D.	Aug. 2, 80	"	Marshalltown	Red Oak	Aug. 30, 81	1882, 83, 84, 85, 86, 87	
1702	Downs, E. B.	Aug. 9, 80	"	Lewis			1882, 83, 84, 85, 86, 87	
1719	Dosh, J. R.	Sept. 1, 80	As owner.	Stuart			1882, 83, 84, 85, 86, 87	
1732	Dosh, E. E.	Sept. 20, 80	"	Stuart			1882, 83, 84, 85, 86, 87	Forfeited.
1743	Dunn, Theo.	Sept. 22, 80	As principal.	Fonda				Superseded by 2324.
1750	Dalley, Daniel V.	Oct. 4, 80	As assistant.	Ottley				Forfeited.
1810	De Witt, R. M.	Oct. 22, 80	As owner.	Lucas			1882, 83, 84, 85, 86, 87	Left town; forfeited.
1903	Davis, M. W.	July 30, 80	By examinat'n	Iowa City			1882, 83, 84, 85, 86, 87	Forfeited.
1947	Doll, A. F.	Dec. 23, 80	As owner.	North English			1882, 83, 84, 85, 86, 87	Revoked.
1952	Dosh, G. W.	Dec. 21, 80	As assistant.	Bradford	Lucas	Mar. 27, 86	1882, 83, 84, 85, 86, 87	
1953	Dickinson, E. E.	Dec. 24, 80	As principal.	Bradford			1882, 83, 84, 85, 86, 87	
2069	Daugherty, James G.	Feb. 2, 80	By examinat'n	Muscatine			1882, 83, 84, 85, 86, 87	Delinquent 4 years.
2021	Deal, J. Josiah	Jan. 31, 80	As owner.	Mt. Union			1882, 83, 84, 85, 86, 87	Forfeited.
2024	Doollittle, Samuel N.	July 14, 80	"	Tracy			1882, 83, 84, 85, 86, 87	Delinquent 1 year.
2055	Dunnell, G. F.	Feb. 10, 81	By examinat'n	Sioux City			1882, 83, 84, 85, 86, 87	Left the place.
2096	De Arto, T. Albert	April 29, 81	"	Storm Lake	Le Mars	Aug. 15, 83	1882, 83, 84, 85, 86, 87	Out of business.
2186	Darrah, E.	Sept. 28, 81	"	Princeton			1882, 83, 84, 85, 86, 87	
2243	De Kalb, Benjamin D.	Sept. 28, 81	"	De Kalb			1882, 83, 84, 85, 86, 87	
2248	Dixon, Cyrus R.	Oct. 12, 81	"	Lynnville			1882, 83, 84, 85, 86, 87	
2262	Davis, J. D.	Nov. 1, 81	"	Nassau			1882, 83, 84, 85, 86, 87	
2287	Dille, C. F.	Dec. 1, 81	"	Knoxville Junct'n	Colfax	April 10, 86	1882, 83, 84, 85, 86, 87	
2321	Davis, W. C.	Dec. 2, 81	"	Seranton			1882, 83, 84, 85, 86, 87	Delinquent 4 years.
2324	Dosh, Ed.	Dec. 24, 82	"	Guthrie Center			1882, 83, 84, 85, 86, 87	
2329	Doty, C. W.	Jan. 24, 82	"	Newell			1882, 83, 84, 85, 86, 87	In Nebraska.
2362	Daggett, Morris H.	Mar. 1, 82	"	Wanona	Fredericksburg	Oct. 20, 83	1882, 83, 84, 85, 86, 87	Out of business.
2434	De Witt, C. H.	May 10, 82	"	Lucas			1883, 84, 85, 86, 87	
2535	Deumore, David T.	Sept. 28, 82	"	Jamaica			1883, 84, 85, 86, 87	
2551	De Witt, W. W.	Dec. 12, 82	"	Peterson			1883, 84, 85, 86, 87	
2565	Doollittle, Warren A.	Jan. 9, 83	"	Columbus Junct'n			1883, 84, 85, 86, 87	In Sabatha, Kansas.
2627	Dennis, C. W.	May 8, 83	By examinat'n	York			1884, 85, 86, 87	Delinquent 2 years.
2750	Daniels, Henry E.	Feb. 19, 84	"	Keokuk			1884, 85, 86, 87	In Illinois.
2751	David, J. W.	Apr. 23, 84	"	Alden			1885, 86, 87	
2767	Doran, J.	May 28, 84	"	Mt. Vernon			1885, 86, 87	
2810	Delano, Warren L.	Oct. 7, 84	"	Atlantic			1885, 86, 87	Delinquent 1 year.
2832	Davis, Ezra.	Jan. 20, 85	"	Abingdon	(For Abingdon only)		1885, 86, 87	
2847	Davis, Will A.	Mar. 9, 85	"	Ferguson			1885, 86, 87	
2862	Douglass, C. W.	Apr. 21, 85	"	Calmar	Greeley	July 3, 86	1885, 86, 87	
2889	Drew, Francis Webb	June 2, 85	"	Keokuk			1886, 87	
2891	Douglas, E. F.	June 5, 85	"	Dysart			1886, 87	
2900	Driscoll, Jer. E.	July 3, 85	"	Davenport			1886, 87	
2922	De Kruff, P. J.	Sept. 9, 85	"	Orange City			1886, 87	
2952	De Tar, Theo.	Dec. 7, 85	"	Boone			1886, 87	
2968	Draper, J. S.	Feb. 8, 86	"	Boone			1886, 87	
2970	Dean, Frank A.	Feb. 17, 86	"	Dunlap			1886, 87	
3011	Dickey, E. L.	May 15, 86	"	Marshalltown	Cedar Rapids	Dec. 4, 86	1887	
3032	De Marsha, Frank E.	June 15, 86	"	Radcliffe			1887	
3033	Dana, Corbin A.	June 15, 86	"	West Union			1887	
3034	Dennison, John C.	June 15, 86	"	Maquoketa	Iowa City	Oct. 28, 87	1887	
3051	Dempsey, P. J.	July 20, 86	"	Cascade			1887	
3052	Dyer, Henry W.	July 20, 86	"	Pomeroy	Rockwell City	Nov. 5, 86	1887	
3090	Davies, J. C.	Oct. 19, 86	"	Emmetsburg			1887	
3178	Darnall, Charles F.	Mar. 16, 87	"	West Union			1887	
3191	Doan, H. C.	Mar. 1, 87	"	Humboldt			1887	
3235	Dunlavy, H. F.	May 3, 87	"	Bedford			1887	
3291	Dingman, Jr., Geo. W.	Aug. 15, 87	"	Arabana			1887	
3316	Donaldson, W. B.	Sept. 19, 87	"	Salem			1887	
3321	Dingley, Frank W.	Sept. 27, 87	"	Algona			1887	
3318	Damman, Fred. J.	Sept. 20, 87	"	St. Anthony	Eldora	Nov. 1, 87	1887	
63	Evans, John M.	June 7, 80	As owner.	Gowrie			1882, 83, 84, 85, 86, 87	
197	Evan, Andrew J.	June 12, 80	"	Swan			1882, 83, 84, 85, 86, 87	Forfeited.
288	Emels, E. T. W.	June 2, 80	"	Brooklyn			1882, 83, 84, 85, 86, 87	Forfeited.
320	Etzel, John L.	June 18, 80	"	Clear Lake			1882, 83, 84, 85, 86, 87	
327	Everett, W. V.	June 21, 80	As assistant.	Council Bluffs			1882, 83, 84, 85, 86, 87	
339	Eidridge, Alfred D.	June 18, 80	As owner.	Clear Lake			1882, 83, 84, 85, 86, 87	Left town; forfeited.
443	Emels, Hugo A.	June 17, 80	"	Davenport			1882, 83, 84, 85, 86, 87	
500	Eddy, Wm. M.	June 2, 80	"	Marengo			1882, 83, 84, 85, 86, 87	
524	Eyer, Edward H.	June 22, 80	"	Delmar			1882, 83, 84, 85, 86, 87	
536	Enright, G. A.	June 14, 80	"	Aurelia	Marcus	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Dead.
571	Ellsworth, Maggie.	June 14, 80	As assistant.	Eldora			1882, 83, 84, 85, 86, 87	Forfeited.
571	Ellsworth, DeRoy.	June 4, 80	As owner.	Eldora			1882, 83, 84, 85, 86, 87	Forfeited.
593	Edwards, M. G.	June 9, 80	"	Glenwood			1882, 83, 84, 85, 86, 87	
646	Elser, J. J.	June 9, 80	"	Harlan			1882, 83, 84, 85, 86, 87	Forfeited.
663	Ellis Robert.	June 2, 80	"	Jefferson			1882, 83, 84, 85, 86, 87	Dead.
867	Eaton, J. E.	June 8, 80	As assistant.	Keota			1882, 83, 84, 85, 86, 87	
812	Emels, Harry T.	June 1, 80	As owner.	Durant			1882, 83, 84, 85, 86, 87	
815	Eichelberger, Charles S.	June 3, 80	As assistant.	Bloomfield	Des Moines	Aug. 9, 87	1882, 83, 84, 85, 86, 87	Left town; forfeited.
831	Elliot, Elhu N.	June 3, 80	"	Mt. Pleasant			1882, 83, 84, 85, 86, 87	Forfeited.
846	Emery, Jesse.	June 17, 80	As owner.	Murray			1882, 83, 84, 85, 86, 87	Forfeited.



ABSTRACT—CONTINUED.

22

STATE PHARMACY REGISTER.

[E 3]

1887.]

STATE PHARMACY REGISTER.

23

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
928	Ericsson, Gustav B.	July 2, 80	As assistant.	Newton	Essex	Mar. 17, 86	1882, 83, 84, 85, 86, 87	
944	Emery, J. F.	June 7, 80	As owner.	Northwood			1882, 83, 84, 85, 86, 87	
1001	Elliott, Wm. D.	June 16, 80	"	Ottumwa			1882, 83, 84, 85, 86, 87	
1029	Evans, Wm. L.	June 18, 80	"	Osage			1882, 83, 84, 85, 86, 87	
1052	Erb, B. F.	June 7, 80	"	Pleasantville	Coon Rapids	Mar. 31, 85	1882, 83, 84, 85, 86, 87	Forfeited.
1055	Ellis, John W.	June 3, 80	"	Patterson	Sigourney	Mar. 22, 83	1882, 83, 84, 85, 86, 87	Superseded by 3183.
1067	Elliott, Oscar A.	June 2, 80	"	Russell			1882, 83, 84, 85, 86, 87	
1085	Emmerson, Wm.	June 10, 80	"	Ridgeway			1882, 83, 84, 85, 86, 87	Forfeited.
1111	Ewing, Wm. B.	July 10, 80	"	Burlington	St. Paul, Minn.	Mar. 26, 86	1882, 83, 84, 85, 86, 87	Delinquent 1 year.
1149	Escher, John F.	July 9, 80	"	Lowden			1882, 83, 84, 85, 86, 87	Delinquent 2 years.
1200	Evans, W. R.	June 19, 80	"	Williamsburg			1882, 83, 84, 85, 86, 87	Forfeited.
1234	Eldridge, Charles G.	June 2, 80	"	Sabula			1882, 83, 84, 85, 86, 87	
1415	Ennis, Wm. W.	July 13, 80	As principal.	Ottumwa			1882, 83, 84, 85, 86, 87	
1429	Evans, Mrs. E. A.	July 17, 80	As assistant.	Gowrie			1882, 83, 84, 85, 86, 87	
1430	Evans, O. E.	July 17, 80	"	Gowrie			1882, 83, 84, 85, 86, 87	
1569	Enfield, Charles	July 29, 80	As owner.	Jefferson			1882, 83, 84, 85, 86, 87	Forfeited.
1596	Everett, P. J.	Aug. 9, 80	"	Fairbank			1882, 83, 84, 85, 86, 87	
1640	Earhart, George.	Aug. 24, 80	As assistant.	Independent.	Selma		1882, 83, 84, 85, 86, 87	Forfeited.
1645	Eslick, Thomas B.	Aug. 24, 80	As owner.	Lehigh			1882, 83, 84, 85, 86, 87	
1673	Ellerbrook, P.	July 31, 80	By examinat'n	Orange City			1882, 83, 84, 85, 86, 87	Left the town.
1710	Ellis, Clark	July 31, 80	"	Little Sioux			1882, 83, 84, 85, 86, 87	
1725	Elliott, J. A.	Sept. 10, 80	As owner.	Clarion			1882, 83, 84, 85, 86, 87	
1780	Ewing, L. W.	Oct. 12, 80	"	Springfield			1882, 83, 84, 85, 86, 87	
1781	Evans, Warren B.	Sept. 23, 80	"	Dow City			1883, 84, 85, 86, 87	
1818	Erwin, J. W.	Oct. 25, 80	"	North English			1882, 83, 84, 85, 86, 87	
1876	Edlie, J. G.	Sept. 20, 80	By examinat'n	Memory			1882, 83, 84, 85, 86, 87	Delinquent 6 years.
1926	Ecker, J. C.	Nov. 8, 80	"	Red Oak	Grant	June 11, 86	1882, 83, 84, 85, 86, 87	In Nebraska.
1967	Everett, F. G.	Jan. 18, 81	As assistant.	Fairbank			1882, 83, 84, 85, 86, 87	
1989	Espy, George W.	Feb. 14, 81	By examinat'n	Breda	Sigourney	April 3, 85	1882, 83, 84, 85, 86, 87	In Kansas.
2008	Edwards, George W.	Feb. 9, 81	"	Reason			1882, 83, 84, 85, 86, 87	Left town.
2032	Evans, Robert	Feb. 18, 81	As principal.	Murray	Manning	Mar. 31, 86	1882, 83, 84, 85, 86, 87	Forfeited.
2122	Elliott, W. V.	April 30, 81	By examinat'n	Knoxville			1882, 83, 84, 85, 86, 87	
2198	Earnest, W. H.	Aug. 18, 81	"	Seymour			1882, 83, 84, 85, 86, 87	Canceled by request.
2221	Evans, Vestus	Aug. 28, 81	"	Searsboro			1882, 83, 84, 85, 86, 87	Revoked.
2350	Ellis, George F.	Feb. 17, 82	"	Crundy Center	Cedar Rapids	Jan. 20, 87	1883, 84, 85, 86, 87	
2396	Eaton, F. N.	April 14, 82	"	Casey			1883, 84, 85, 86, 87	Canceled.
2469	Engelinger, Peter	June 5, 82	"	Sigourney	Hedrick	May 12, 83	1883, 84, 85, 86, 87	
2520	Evers, John P.	Sept. 2, 82	By examinat'n	Independence			1883, 84, 85, 86, 87	In Omaha.
2528	Ellis, G. V.	Aug. 30, 82	"	Calliope			1883, 84, 85, 86, 87	
2603	Ettlinger, Hugh J.	April 9, 83	"	Des Moines	Boone	Mar. 3, 84	1883, 84, 85, 86, 87	
2642	Ensign, Charles	June 5, 83	"	Seranton			1884, 85, 86, 87	
2644	Enfield, Jr., Fred.	June 8, 83	"	Coln			1884, 85, 86, 87	In Nebraska.
2696	Empie, I. N.	Nov. 14, 83	"	Council Bluffs	Cedar Falls	Aug. 3, 85	1884, 85, 86, 87	Canceled by request.
2710	Evans, James	Jan. 2, 84	"	East Nodaway			1884, 85, 86, 87	Delinquent 3 years.
2764	Everson, W. H.	June 17, 84	"	Promise City			1885, 86, 87	
2870	Elliott, E. G.	April 13, 85	"	Earlham			1885, 86, 87	
2875	Ellis, M. P.	May 11, 85	"	Council Bluffs			1885, 86, 87	
2908	England, L. E.	Aug. 4, 85	"	Grand Junction	Gilmore City	Mar. 25, 86	1886, 87	
2964	Eckers, Jno. P.	Feb. 24, 86	Graduate	Ottumwa			1886, 87	
2983	Erickson, Ernst	Feb. 20, 86	By examinat'n	Northwood			1886, 87	
2984	Engbertson, Richard	Mar. 2, 86	"	Decorah			1886, 87	In Minnesota.
3012	Earle, W. O.	June 1, 86	"	Waukon			1887	
3183	Ellis, John W.	Mar. 21, 87	"	Sigourney			1887	
3215	Eaton, F. N.	April 6, 87	"	Casey			1887	
3239	Eison, Hugh	May 17, 87	"	Des Moines			1887	
3283	Emery, Geo. M.	July 26, 87	"	Mason City	Northwood	Sept. 14, 87	1887	Now in Missouri.
3328	Ennis, C. H.	Oct. 7, 87	"	Ottumwa			1887	
3329	Evenson, Chas. H.	Oct. 22, 87	Graduate	Marshalltown			1887	
5	Fitch, Eugene L.	June 5, 80	As owner.	Breda			1882, 83, 84, 85, 86, 87	Forfeited.
56	Falling, Jeremiah	June 9, 80	"	Marens			1882, 83, 84, 85, 86, 87	
58	Faulkner, Elizabeth	June 5, 80	"	Fredericksburg			1882, 83, 84, 85, 86, 87	Forfeited.
106	Findley, C. P.	June 5, 80	"	Leon			1882, 83, 84, 85, 86, 87	Forfeited.
137	Fulk, Charles	June 2, 80	"	West Grove			1882, 83, 84, 85, 86, 87	
142	Fulter, Charles M.	June 12, 80	As assistant.	Keokuk			1882, 83, 84, 85, 86, 87	
143	Fuller, E. E.	June 12, 80	As owner.	Keokuk			1882, 83, 84, 85, 86, 87	
238	Freed, David	June 24, 80	"	Keokuk			1882, 83, 84, 85, 86, 87	
292	Forbush, B. G.	June 9, 80	"	Algona			1882, 83, 84, 85, 86, 87	
337	Funk, John W.	June 9, 80	As assistant.	Colesburg			1882, 83, 84, 85, 86, 87	Delinquent 1 year.
338	Flammant, Michael	June 20, 80	As owner.	Mineola			1882, 83, 84, 85, 86, 87	
341	Fordyce, H. C.	June 4, 80	"	Conway			1882, 83, 84, 85, 86, 87	
342	Foster, S. H.	June 17, 80	"	Council Bluffs			1882, 83, 84, 85, 86, 87	
343	Foster, A. D.	June 17, 80	"	Council Bluffs			1882, 83, 84, 85, 86, 87	
426	Flubert, Harry H.	June 9, 80	As assistant.	Dillon			1882, 83, 84, 85, 86, 87	Forfeited.
432	Foster, H. J.	June 12, 80	As owner.	Dillon			1882, 83, 84, 85, 86, 87	Superseded by 2283.
433	Funk, Samuel G.	June 14, 80	As principal.	Des Moines	Panora	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Superseded by 3166.
480	Fraatz, Fred. Chas.	June 3, 80	As assistant.	Dubuque			1882, 83, 84, 85, 86, 87	
555	Finke, Walter H.	June 4, 80	As owner.	Egin			1882, 83, 84, 85, 86, 87	
557	Fowler, Addison P.	June 16, 80	"	Egin			1882, 83, 84, 85, 86, 87	Forfeited.
563	Fuller, Mandana	June 8, 80	"	Earville			1882, 83, 84, 85, 86, 87	
572	Fickins, John W.	June 5, 80	"	Fairfax			1882, 83, 84, 85, 86, 87	Dead.
618	Finch, Wm.	June 4, 80	"	Garner			1882, 83, 84, 85, 86, 87	
619	Finch, T. F.	June 4, 80	"	Garner			1882, 83, 84, 85, 86, 87	
634	Frost, Lewis D.	June 9, 80	"	Harlan			1882, 83, 84, 85, 86, 87	
648	Flemming, Alex. P.	June 19, 80	"	Harlan			1882, 83, 84, 85, 86, 87	Forfeited.
671	Foy, Edward W.	June 3, 80	"	Jefferson			1882, 83, 84, 85, 86, 87	
696	French, J. T.	June 11, 80	"	Knoxville			1882, 83, 84, 85, 86, 87	Forfeited.



## ABSTRACT—CONTINUED.

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
697	French, J. A.	June 11, 80	As principal.	Knoxville	.....	1882, .....	.....	Forfeited.
719	Freeguard, C. C.	June 29, 80	As owner	Hampton	Hampton	Sept. 22, 83	1882, 83, 84, 85, 86, 87	Dead.
745	Foster, Horatio O.	June 3, 80	As assistant.	Lenox	Creston	July 15, 82	1882, 83, 84, 85, 86, 87	Superseded by 3153.
779	Free, A. Jackson	June 3, 80	As owner	Traer	.....	.....	.....	Forfeited.
814	Findley, Jno. B.	June 3, 80	"	Bloomfield	.....	.....	.....	.....
870	Fellows, Alfred	June 5, 80	"	Maquoketa	Grundy Center	Dec. 6, 82	1882, 83, 84, 85, 86, 87	Forfeited.
871	Fellows, Charles A.	June 5, 80	"	Maquoketa	Shenandoah	Mar. 30, 85	1882, 83, 84, 85, 86, 87	Forfeited.
873	Fulton, A. H.	June 5, 80	As assistant.	Muscatine	West Liberty	July 10, 84	1882, 83, 84, 85, 86, 87	Superseded by 3087.
875	Fry, John O.	June 5, 80	As owner	Mt. Airy	.....	.....	.....	Forfeited.
877	Field, E. L.	June 3, 80	"	Leighton	.....	.....	.....	.....
879	Fagan, Thos. W.	June 17, 80	As assistant.	Mt. Pleasant	.....	.....	.....	Delinquent 2 years.
890	Falkner, Jr., John	June 14, 80	"	Manchester	Cedar Falls	Sept. 27, 82	1882, .....	Forfeited.
931	Frank, Perry	June 23, 80	As owner	New London	.....	.....	.....	.....
948	Frank, C. S.	June 8, 80	"	New London	.....	.....	.....	Forfeited.
990	Finley, Robert	June 20, 80	As assistant.	Portlandville	.....	.....	.....	Forfeited.
1045	Farnham, LeRoy H.	June 21, 80	As owner	Portlandville	.....	.....	.....	.....
1063	Forsythe, Wm. D.	July 1, 80	"	Pella	.....	.....	.....	.....
1074	Fulton, Albert D.	June 12, 80	"	Plainfield	.....	.....	.....	.....
1076	Fulleton, Geo. E.	June 15, 80	"	Paris	Marion	Oct. 1, 84	1882, 83, 84, 85, 86, 87	Canceled by request.
1096	Freer, Jno. I.	June 16, 80	"	Red Oak	.....	.....	.....	Superseded by 3149.
1173	Ford, Samuel	July 9, 80	"	Talleyrand	.....	.....	.....	Canceled by request.
1174	Ford, James H.	July 9, 80	"	Talleyrand	.....	.....	.....	.....
1216	Fagan, Horace M.	June 1, 80	"	Shelby	.....	.....	.....	.....
1260	Files, Delbert G.	June 4, 80	As assistant.	Traer	Van Horne	Jan. 27, 83	1882, 83, 84, 85, 86, 87	Forfeited.
1333	Fowler, R. P.	June 23, 80	As owner	Waterloo	.....	.....	.....	.....
1341	Forry, Wm. W.	June 3, 80	"	Waterloo	.....	.....	.....	.....
1396	Frey, John A.	July 12, 80	As assistant.	Ida Grove	.....	.....	.....	Forfeited.
1403	Fowler, Isaac D.	July 7, 80	As owner	Lansing	.....	.....	.....	Superseded by 3229.
1424	Franken, H.	July 15, 80	"	Menticeilo	.....	.....	.....	.....
1445	Fritts, Wm. D.	June 19, 80	"	Sigourney	.....	.....	.....	.....
1486	Fuller, Geo. S.	July 14, 80	"	Keokuk	.....	.....	.....	Delinquent 1 year.
1540	Forbes, Hugh	July 27, 80	"	Toronto	.....	.....	.....	Forfeited.
1542	Fraser, Wm. W.	July 27, 80	"	Redfield	Winterset	June 20, 82	1882, 83, 84, .....	Forfeited.
1568	Freeman, Edward	July 29, 80	As assistant.	Jefferson	.....	.....	.....	.....
1571	Fueller, Hiram K.	July 21, 80	As owner	Menticeilo	.....	.....	.....	.....
1639	Fish, Henry	Aug. 12, 80	As assistant.	Rear Grove	.....	.....	.....	Forfeited.
1681	Fletcher, W. G.	July 27, 80	By examinat'n	Glenwood	Williamsburg	July 9, 84	1882, 83, 84, 85, 86, 87	Forfeited.
1751	Fox, Jacob G.	Aug. 6, 80	As owner	Waubeek	.....	.....	.....	.....
1760	Fitzgerald, James	Oct. 6, 80	As principal.	Emmetsburg	.....	.....	.....	Revoked.
1768	French, Charles H.	Aug. 10, 80	By examinat'n	Cedar Rapids	.....	.....	.....	.....
1791	Funk, George N.	Aug. 9, 80	"	Audubon	.....	.....	.....	Left town.
1816	Finster, Henry J.	Oct. 25, 80	As owner	Steenbush Rock	.....	.....	.....	.....
1831	Farley, N. D.	Nov. 1, 80	"	Goose Lake	.....	.....	.....	.....
1835	Fitzgerald, Maurice	Sept. 15, 80	By examinat'n	Liscomb	Boone	Aug. 3, 87	1882, 83, 84, 85, 86, 87	.....
1866	Fretz, Menzo	Oct. 22, 80	"	Avoca	Harlan	Oct. 19, 87	1882, 83, 84, 85, 86, 87	.....
1872	Foster, W. E.	Oct. 29, 80	"	Glidden	.....	.....	.....	.....
1901	Fletcher, George	Aug. 3, 80	"	Lisbon	.....	.....	.....	Delinquent 2 years.
1925	Frost, C. E.	Nov. 29, 80	"	Oxford	.....	.....	.....	.....
1942	Fellows, Henry	Nov. 18, 80	"	Colfax	.....	.....	.....	.....
2000	Fox, Herbert J.	Dec. 13, 80	"	Iowa City	.....	.....	.....	Left town.
2014	Fiddler, J. D.	Feb. 14, 81	"	Iowa Falls	Williams	April 22, 86	1882, 83, 84, 85, 86, 87	.....
2022	Fellows, Harris	Feb. 28, 81	As owner	Riceville	.....	.....	.....	.....
2031	Fitzgerald, James D.	Feb. 24, 81	As principal.	Audubon	.....	.....	.....	Forfeited.
2075	Ferguson, A. F.	April 13, 81	By examinat'n	Mt. Pleasant	St. Charles	April 5, 83	1882, 83, 84, 85, 86, 87	Delinquent 4 years.
2088	Frater, J. J.	Mar. 11, 81	"	Montezuma	Remsen	Aug. 19, 86	1882, 83, 84, 85, 86, 87	.....
2095	Frank, E. S.	Mar. 1, 81	"	Livermore	.....	.....	.....	.....
2147	Fischer, H.	June 1, 81	"	Pomeroy	.....	.....	.....	.....
2174	Foster, J. N.	July 5, 81	"	Indianola	Atlantic	Mar. 22, 82	1882, 83, .....	Left town.
2212	Foltz, George F.	Sept. 23, 81	"	Coon Rapids	Des Moines	May 1, 85	1882, 83, 84, 85, 86, 87	.....
2216	Fewson, Thomas B.	Sept. 26, 81	"	Clearfield	.....	.....	.....	In Nebraska.
2219	Fox, Frank	Oct. 15, 81	"	Peruville	.....	.....	.....	Left the State.
2250	Finefield, Charles	Nov. 19, 81	"	Grundy Center	.....	.....	.....	Delinquent 5 years.
2283	Foster, H. J.	Nov. 26, 81	"	Dillon	Melbourne	Sept. 25, 82	1882, 83, 84, 85, 86, 87	Delinquent 1 year.
2314	Ferdinand, George A.	Feb. 6, 82	As graduate	Dubuque	.....	.....	.....	Canceled by request.
2331	Feenstra, J. B. H.	Jan. 18, 82	By examinat'n	Arcadia	.....	.....	.....	.....
2315	Fox, Frank	Dec. 19, 81	"	Winthrop	Sioux City	July 3, 86	1882, 83, 84, 85, 86, 87	.....
2437	Farley, J. C.	June 6, 82	"	Lucas	.....	.....	.....	Out of business.
2524	Frost, Edwin D.	Sept. 6, 82	"	Salix	.....	.....	.....	.....
2572	Fount, John Lee	Feb. 6, 83	"	Centerville	.....	.....	.....	Delinquent 4 years.
2690	Field, G. W.	Oct. 16, 83	"	Thor	.....	.....	.....	.....
2727	Foley, W. J.	Mar. 8, 84	"	Dayton	Manson	Jan. 20, 86	1884, 85, 86, 87	.....
2729	Faulkner, Elmer E.	Mar. 12, 84	"	Ottumwa	Creston	April 27, 86	1884, 85, 86, 87	Delinquent 1 year.
2762	Forney, C. M.	June 7, 84	"	Marshalltown	.....	.....	.....	In Nebraska.
2767	Fischer, Charles	June 27, 84	"	Earling	Westphalia	May 3, 86	1885, 86, 87	.....
2773	Field, Ed. C.	Sept. 29, 84	"	Des Moines	.....	.....	.....	Gone to New York.
2834	Forsythe, Robert	Feb. 2, 85	"	What Cheer	.....	.....	.....	.....
2855	Farrens, Albert H.	April 7, 85	"	Clarinda	.....	.....	.....	Canceled by request.
2914	Freerks, Ed. M.	Nov. 17, 85	"	Parkersburg	.....	.....	.....	.....
3037	Findley, Will J.	June 28, 86	"	Atlantic	.....	.....	.....	.....
3043	Franken, Ed.	Aug. 6, 86	As graduate	Sigourney	.....	.....	.....	.....
3053	Farr, H. S.	July 20, 86	By examinat'n	Madrid	.....	.....	.....	.....
3054	Farnsworth, D. W.	July 20, 86	"	Galva	.....	.....	.....	.....
3087	Fulton, A. H.	Oct. 6, 86	"	Des Moines	.....	.....	.....	.....
3106	Foersterling, Herman	Dec. 7, 86	"	Dubuque	.....	.....	.....	.....
3149	Fullerton, George E.	Mar. 15, 87	"	Marion	.....	.....	.....	.....
3152	Fisher, Lewis A.	Feb. 25, 87	"	West Union	.....	.....	.....	.....
3153	Foster, Horatio O.	Feb. 28, 87	"	Creston	.....	.....	.....	.....
3166	Funk, Samuel G.	Mar. 15, 87	"	Panora	.....	.....	.....	.....



ABSTRACT—CONTINUED.

26

STATE PHARMACY REGISTER.

[B]

STATE PHARMACY REGISTER.

27

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATES REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
3210	Freeman, J. H.	April 5, 87	By examination	Jefferson	Prairie City	July 5, 87		
3229	Fowler, I. D.	April 17, 87	"	Lansing				
3251	Funk, Edgar M.	May 26, 87	"	Hampton				
3253	Fulton, Jno. L.	June 21, 87	"	Clarksville	Rockford	Oct. 24, 87		
4	Gilbert, Jonathan	June 5, 80	As owner	Clarksville		1882, 83		Dead.
102	Gillham, C. A.	June 4, 80	As assistant	Leon		1882, 83		Dead.
111	Greenlee, L. T.	June 10, 80	As owner	Promise City	Weldon	Mar. 22, 82	1882, 83, 84, 85, 86	Forfeited.
136	Griffith, J. A.	June 14, 80	"	What Cheer		1882, 83, 84, 85, 86, 87		
150	Goodrich, H. J.	June 14, 80	As assistant	Maynard	West Union	Feb. 18, 87	1882, 83, 84, 85, 86, 87	
164	Goldberry, C. A.	June 14, 80	As owner	Iowa Center		1882, 83, 84, 85, 86, 87		Left town; forfeited.
170	Goldthwaite, F. O.	June 14, 80	"	Marengo		1882, 83, 84, 85, 86, 87		
178	Gray, John W.	June 15, 80	"	Fonda		1882, 83, 84, 85, 86		Delinquent 1 year.
183	Gore, Irwin	June 22, 80	"	Atlantic	Pilot Mound	Oct. 27, 83	1882, 83, 84, 85, 86	Superseded by 3103.
256	Gordinier, F. L.	June 5, 80	"	Adair		1882, 83, 84, 85		Forfeited.
289	George, C. L.	June 21, 80	"	Bonaparte		1882, 83, 84		Forfeited.
290	George, E. B.	June 19, 80	"	Bonaparte		1882, 83		Forfeited.
301	Gibbons, A. D.	June 5, 80	"	Bloomfield		1882, 83, 84, 85, 86, 87		
306	Glover, Joseph	June 11, 80	"	Waltham	Elberon	Mar. 18, 85	1882, 83, 84, 85, 86	Forfeited.
313	Goodykoontz, D. F.	June 5, 80	"	Boone		1882, 83		Forfeited.
321	Graft, W. H.	June 21, 80	As assistant	Council Bluffs	Carson	June 7, 82	1882, 83, 84, 85, 86	Superseded by 3130.
345	Graves, J. W.	June 4, 80	As owner	Creston		1882, 83, 84, 85, 86, 87		Forfeited.
346	Gibbon, William H.	June 4, 80	"	Chariton		1882, 83, 84, 85, 86, 87		
406	Gesell, C. H.	June 9, 80	As assistant	Cresco		1882, 83, 84, 85, 86, 87		Superseded by 2214.
411	Grandy, W. H.	June 9, 80	"	Council Bluffs		1882, 83, 84, 85, 86, 87		
441	Gottwalt, Edward H.	June 3, 80	"	Des Moines		1882, 83, 84, 85		Dead.
455	Grush, William	June 5, 80	As owner	Deep River P. O.		1882, 83		Out bus.; forfeited.
462	Greenough, James	June 5, 80	"	Denison		1882, 83, 84, 85, 86, 87		Dead.
502	Goodwin, F. L.	June 3, 80	As assistant	Malvern	Templeton	May 1, 85	1882, 83, 84, 85, 86, 87	Forfeited.
503	Gotschall, George A.	June 3, 80	As owner	Malvern		1882, 83, 84, 85, 86, 87		
533	Guthmeyer, George O.	June 24, 80	As assistant	Glenwood		1882, 83, 84, 85, 86, 87		
621	Gruwell, Charles B.	June 3, 80	As owner	Grinnell	Oskaloosa	Mar. 2, 87	1882, 83, 84, 85, 86, 87	Delinquent 1 year.
636	Greig, James	June 12, 80	"	Hastings		1882, 83, 84, 85, 86		Forfeited.
680	Glendenning, E.	June 4, 80	"	Lineville		1882, 83, 84, 85, 86, 87		Superseded by 2695.
729	Granham, Thomas	June 30, 80	"	Creston		1882, 83, 84, 85, 86, 87		Superseded by 2016.
760	Giddings, J. H.	June 7, 80	"	Logan	Woodbine	Mar. 22, 83	1882, 83, 84, 85, 86, 87	Forfeited.
771	Giddings, William	June 7, 80	"	Logan		1882, 83, 84, 85		
784	Grosvenor, D. A.	July 1, 80	"	Ida Grove	Molingoua	Mar. 22, 82	1882, 83, 84, 85	
792	Greene Nathaniel	June 26, 80	As assistant	Cedar Rapids		1882, 83, 84, 85		Left town; forfeited.
793	Gillespie, James N.	June 26, 80	"	Cedar Rapids		1882, 83, 84, 85		Delinquent 2 years.
800	Grier, David	June 21, 80	As owner	Emmetsburg		1882, 83, 84, 85, 86, 87		Dead.
810	Garretson, B. F.	June 15, 80	"	Oswego		1882, 83, 84, 85, 86, 87		
840	Gifford, H. W.	June 4, 80	"	Marshalltown		1882, 83, 84, 85, 86, 87		
848	Grigs, Robert C.	June 3, 80	"	Murray		1882, 83, 84, 85, 86, 87		
863	Goodrich, George L.	June 9, 80	As assistant	Missouri Valley		1882, 83		Forfeited.
867	Geiss, Henry	June 5, 80	As owner	Muscateine		1882, 83, 84, 85, 86, 87		
883	Griffin, Frank	June 10, 80	"	Mapleton		1882, 83, 84, 85, 86, 87		
900	Goodwin, Charles F.	June 4, 80	"	Maquoketa		1882, 83, 84, 85, 86, 87		
923	Graves, McN.	July 2, 80	"	Denison	Atlantic	May 22, 82	1882, 83, 84, 85, 86	Forfeited.
933	Gillespie, Eugene	June 5, 80	As assistant	Newton	Newton	Apr. 30, 86	1882, 83, 84, 85, 86	Forfeited.
950	Gardner, W. D.	June 11, 80	As owner	New Hampton		1882, 83, 84, 85, 86, 87		
993	Gephart, Arthur	June 18, 80	"	Ottumwa		1882, 83, 84, 85, 86, 87		
1046	Goss Joseph S.	June 5, 80	"	Perry	Harlan	May 27, 86	1882, 83, 84, 85, 86	Superseded by 3121.
1054	Grims, H. J.	June 4, 80	"	Prairie City		1882, 83, 84, 85, 86		Delinquent 1 year.
1069	Griffin, Ben	June 4, 80	"	Rockford		1882, 83, 84, 85		Forfeited.
1136	Gregory, Edward M.	July 7, 80	"	Denison	Whitten	Mar. 22, 82	1883, 83, 84, 85	Forfeited.
1137	Gregory, Horace W.	July 7, 80	"	Denison		1882, 83, 84, 85, 86		Forfeited.
1154	Greenway, Noah	June 12, 80	"	Muchakinock		1882, 83, 84, 85, 86, 87		
1236	Guenther, Jacob H.	June 2, 80	As assistant	Sabula		1882, 83, 84, 85, 86, 87		
1266	Hiles, Daniel R.	July 10, 80	As owner	Union		1882, 83, 84, 85, 86, 87		
1272	Gourhame, Henrie	June 4, 80	"	Vandalla		1882, 83, 84, 85, 86		Forfeited.
1282	Griffin, Aaron D.	June 22, 80	"	Vinton		1882, 83, 84, 85, 86		Canceled by request.
1328	Guenther, John	June 2, 80	As assistant	Wheatland		1882, 83, 84, 85, 86, 87		Forfeited.
1329	Guenther, Henry	June 5, 80	As owner	Wheatland		1882, 83, 84, 85, 86, 87		
1330	Gamble, Thomas D.	June 12, 80	"	Wheatland		1882, 83, 84, 85, 86, 87		
1332	Goodsell, Frederick	June 5, 80	"	Waterloo		1881		Forfeited.
1363	Glasgow, G. C.	June 2, 80	As assistant	Washington		1882, 83, 84, 85, 86, 87		
1435	Guttridge, Stephen E.	July 19, 80	"	Grinnell		1882, 83, 84, 85, 86, 87		
1440	Graham, Israel L.	July 19, 80	As owner	Muscateine		1882, 83, 84, 85		Dead.
1483	Gandrup, W. D.	July 17, 80	Graduate	Story City		1882, 83, 84, 85, 86, 87		
1483	Garfield, Leonard K.	July 21, 80	As owner	Algona		1882, 83, 84, 85, 86, 87		
1499	Gunn, John A.	July 5, 80	As assistant	Emerson		1882		Forfeited.
1509	Gifford, D. F.	July 23, 80	As owner	Sac City		1882		Sold out; forfeited.
1555	Glechrist, W. T.	July 27, 80	"	Waukon		1882, 83, 84, 85, 86, 87		
1574	Givens, Olive E.	July 31, 80	As assistant	Stacy		1882, 83, 84, 85, 86, 87		
1577	Goodell, D. N.	July 30, 80	As owner	Ida Grove		1882, 83, 84, 85, 86, 87		Dead.
1599	Goodall, Fred T.	Aug. 19, 80	As assistant	Ottumwa	Ottumwa	Jan. 12, 84	1882, 83, 84	Forfeited.
1603	Gnash, Wm.	Aug. 13, 80	As owner	Milton	Exline	May 12, 82	1882, 83	Forfeited.
1604	Graves, G. R.	Aug. 18, 80	"	Milton		1882, 83, 84, 85, 86, 87		
1633	Graeser, B.	Aug. 19, 80	As principal	Battle Creek		1882, 83, 84, 85, 86, 87		
1663	Goodykoontz, T. J.	Sept. 4, 80	As owner	Ogden		1882, 83, 84, 85, 86, 87		Forfeited.
1686	Gilbert, J. B.	Aug. 6, 80	By examination	Clinton		1882, 83, 84, 85, 86, 87		Left town.
1719	Goodall, Wallace B.	July 30, 80	As owner	Ottumwa		1882, 83, 84, 85, 86, 87		Delinquent 1 year.
1762	Gould, C. E.	June 5, 80	"	Mechanicsville		1882, 83, 84, 85, 86, 87		
1784	Gaddy, E. M.	Aug. 2, 80	By examination	Shenandoah	Imogene	Apr. 28, 84	1882, 83, 84	Delinquent 3 years.
1803	Garlock, A. W.	July 16, 80	"	Dayton		1883, 84, 85, 86, 87		
1811	Gillilan, Henry F.	Oct. 22, 80	As owner	Viola		1883		Forfeited.
1849	Guthrie, John M.	Nov. 20, 80	As assistant	Fredericksburg	Tripoli	Feb. 17, 84	1882, 83, 84, 85, 86	Superseded by 3097.



ABSTRACT—CONTINUED.

28

STATE PHARMACY REGISTER.

128

1887.]

STATE PHARMACY REGISTER.

29

Number of certificates.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
1864	Golliday, A. M.	Sept. 13, 80	By examination	Bedford			1882, 83, 84, 85, 86, 87	
1903	Gilbert, Edwin B.	Aug. 30, 80	"	Iowa Center	Baldwin	May 29, 83	1882, 83, 84, 85, 86, 87	Dead.
1928	George, J. M.	Nov. 26, 80	"	Iowa Falls	Applington	July 30, 87	1882, 83, 84, 85, 86, 87	
1950	Gardner, Charles	July 14, 80	As assistant	Columbus June			1882, 83, 84, 85, 86, 87	
2016	Giddings, Wm.	Feb. 27, 81	By examination	Logan			1882, 83, 84, 85, 86, 87	
2041	Gaston, S. H.	April 16, 81	As principal	Hayesville	Martinsburg	June 24, 82	1882, 83, 84, 85, 86, 87	Forfeited.
2048	Giesell, C. L.	April 13, 81	By examination	Des Moines			1884, 85, 86, 87	Out of business.
2214	Gesell, C. L.	Sept. 29, 81	"	Sac City	Fort Dodge	Mar. 4, 84	1882, 83, 84, 85, 86, 87	
2226	Griffith, J. C.	Aug. 26, 81	"	Greenfield			1882, 83, 84, 85, 86, 87	
2238	Glendenning, H. C.	Oct. 3, 81	"	Lineville			1882, 83, 84, 85, 86, 87	Delinquent 6 years.
2272	Gullford, Will E.	Nov. 12, 81	"	Emmetsburg	Des Moines		1882, 83, 84, 85, 86, 87	
2339	Gingles, J. J.	Feb. 9, 82	"	Imogene		May 5, 87	1882, 83, 84, 85, 86, 87	
2361	Gardner, H. G.	Feb. 28, 82	"	Denison	Ogden	Jan. 5, 83	1882, 83, 84, 85, 86, 87	Gone to Nebraska.
2296	Greenfield, R. A.	Dec. 18, 81	"	Creston	Creston	April 5, 84	1882, 83, 84, 85, 86, 87	Revoked.
2378	Gilkey, R. E.	Mar. 27, 82	"	Andubon			1882, 83, 84, 85, 86, 87	Out of the State.
2414	Goddard, Carl	April 17, 82	"	Boone	Lime Springs	Oct. 21, 87	1883, 84, 85, 86, 87	Out of business.
2447	Grover, Burton B.	May 31, 82	"	Grimes			1883, 84, 85, 86, 87	
2455	Gordon, J. B.	May 22, 82	"	Denison	Manilla	Dec. 24, 86	1883, 84, 85, 86, 87	
2459	Green, Fred E.	May 24, 82	"	Oskaloosa			1883, 84, 85, 86, 87	
2512	Groom, Wm. S.	Aug. 15, 82	"	Prairie City	Britt	Oct. 7, 86	1883, 84, 85, 86, 87	
2587	George, L. H.	Jan. 2, 83	"	Rockwell City			1883, 84, 85, 86, 87	Canceled by request.
2658	Goodell, C. S.	July 3, 83	"	Cedar Rapids			1883, 84, 85, 86, 87	Delinquent 4 years.
2679	Gardner, W. W.	Aug. 21, 83	"	Avoca			1884, 85, 86, 87	
2853	Graves, Geo B.	Sept. 18, 83	"	Milton	West Point	Oct. 27, 87	1884, 85, 86, 87	
2846	Giddings, Josiah H.	Sept. 4, 83	"	Woodbine			1884, 85, 86, 87	Dead.
2724	Gerber, Louis N.	Mar. 4, 84	"	Williams			1884, 85, 86, 87	
2889	Grafton, Wm. H.	May 18, 85	"	Solon			86, 87	
2979	Graham, C. C.	Jan. 28, 86	"	Cambridge			86, 87	
3049	Guthrie, John M.	July 19, 86	"	Baxter			87	
3097	Guthrie, John M.	Oct. 26, 86	"	Tripoli			87	
3163	Gore, Irwin	Nov. 24, 86	"	Pilot Mound			87	
3121	Goss, Joseph S.	Jan. 4, 87	"	Harlan			87	
3130	Graff, W. H.	Feb. 28, 87	"	Carson			87	
3197	Gardner, Andrew J.	April 5, 87	"	Ogden			87	
3202	Grimwood, E. A.	May 10, 87	"	Independence	Oxford Junction	Oct. 14, 87		
3223	Goodall, Parr	April 20, 87	"	Osage				
3305	Georges, Amandus Geo	Sept. 3, 87	Graduate	Marcus				
3311	Gardner, H. W.	Sept. 6, 87	By examination	New Hampton			1882, 83, 84, 85, 86, 87	
3331	Garrity, M. W.	Oct. 12, 87	"	Des Moines			1882, 83, 84, 85, 86, 87	Forfeited.
12	Husband, Chas. A.	June 4, 80	As owner	Waucoma			1882, 83, 84, 85, 86, 87	
48	Hatfield, A. R.	June 7, 80	"	Vandalla			1882, 83, 84, 85, 86, 87	Forfeited.
61	Harwood, Geo.	June 7, 80	"	Masonville			1882, 83, 84, 85, 86, 87	
87	Hilmod, Mrs. D. M.	June 8, 80	"	What Cheer			1882, 83, 84, 85, 86, 87	
88	Hotehkliss, C. O.	June 11, 80	"	Pulaski			1882, 83, 84, 85, 86, 87	Canceled by request.
99	Hyde, M. J.	June 10, 80	"	Brandon			1882, 83, 84, 85, 86, 87	
103	Hammer, T. W.	June 5, 80	"	Leon			1882, 83, 84, 85, 86, 87	Forfeited.
131	Huson, E. W.	June 11, 80	"	Anderson			1882, 83, 84, 85, 86, 87	Left town; forfeited.
132	Hedges, Richard S.	June 17, 80	"	Kessuth			1882, 83, 84, 85, 86, 87	Left town; forfeited.
138	Henak, Anthony T.	June 7, 80	"	Whard Junction			1882, 83, 84, 85, 86, 87	
144	Hester Thomas H.	June 10, 80	As assistant	Hayesville	Coln	Mar. 22, 83	1882, 83, 84, 85, 86, 87	Forfeited.
145	Huckleberry, C. F.	June 14, 80	As owner	Tracy			1882, 83, 84, 85, 86, 87	
146	Huckleberry, Alvina A.	June 14, 80	As assistant	Tracy			1882, 83, 84, 85, 86, 87	Delinquent 1 year.
179	Hubbard, F. M.	June 16, 80	As owner	Nora Springs			1882, 83, 84, 85, 86, 87	
186	Husted, David W.	June 21, 80	As assistant	Albia	Milo	Sept. 8, 87	1882, 83, 84, 85, 86, 87	Revoked.
191	Harris, Shorland	June 11, 80	As owner	Mason City			1882, 83, 84, 85, 86, 87	
203	Hinchman, A. O.	June 12, 80	"	Red Oak Junction			1882, 83, 84, 85, 86, 87	Forfeited.
211	Hunt, Josiah K.	June 21, 80	"	Baldwin			1882, 83, 84, 85, 86, 87	Forfeited.
233	Hart, James M.	June 8, 80	"	Grant	Griswold	April 17, 85	1882, 83, 84, 85, 86, 87	
299	Henry, P. O.	June 7, 80	"	Bellevue			1882, 83, 84, 85, 86, 87	
307	Hunter, W. A.	June 14, 80	"	Belle Plaine			1882, 83, 84, 85, 86, 87	
308	Hill, T. S.	June 4, 80	As principal	Batavia			1882, 83, 84, 85, 86, 87	
309	Hill, C. W.	June 4, 80	As assistant	Batavia			1882, 83, 84, 85, 86, 87	Dead.
325	Hutton, James W.	June 21, 80	As owner	Ureton			1882, 83, 84, 85, 86, 87	Dead.
343	Harris, B. J.	June 8, 80	"	Council Bluffs			1882, 83, 84, 85, 86, 87	
349	Harie, H. D.	June 8, 80	"	Clinton			1882, 83, 84, 85, 86, 87	
352	Huston, George W.	June 4, 80	"	Charlotte	Odebolt	July 6, 86	1882, 83, 84, 85, 86, 87	Forfeited.
353	Hartman, Charles H.	June 17, 80	As assistant	Clinton	Humboldt	July 17, 84	1882, 83, 84, 85, 86, 87	Superseded by 3136.
364	Hubbard, Henry C.	June 8, 80	"	Nevinsville			1882, 83, 84, 85, 86, 87	Forfeited.
383	Heery, James J.	June 15, 80	As owner	Denmark			1882, 83, 84, 85, 86, 87	
422	Hervey, James	June 21, 80	"	Denmark			1882, 83, 84, 85, 86, 87	Retired; forfeited.
429	Hiland, A.	June 12, 80	"	Des Moines			1882, 83, 84, 85, 86, 87	
431	Hippes, Warren	June 12, 80	"	Davenport			1882, 83, 84, 85, 86, 87	
470	Harrison, Chas. E.	June 4, 80	As assistant	Davenport			1882, 83, 84, 85, 86, 87	
469	Harrison, Jacob H.	June 4, 80	As owner	Davenport			1882, 83, 84, 85, 86, 87	
479	Haas, Julius W.	June 3, 80	"	Dubque			1882, 83, 84, 85, 86, 87	
482	Hauey, Oliver M.	June 23, 80	As principal	Dysart			1882, 83, 84, 85, 86, 87	
495	Hays, Martha	June 14, 80	As owner	Cambridge			1882, 83, 84, 85, 86, 87	Forfeited.
505	Haldeman, Newton	June 8, 80	"	Thornburg			1882, 83, 84, 85, 86, 87	
506	Hogin, John C.	June 4, 80	"	Sigourney			1882, 83, 84, 85, 86, 87	Dead.
510	Hockenback, Jas. T.	June 12, 80	As assistant	Sigourney			1882, 83, 84, 85, 86, 87	Forfeited.
525	Heine, Wm. H.	June 23, 80	As owner	Garnaville	Guttenburg	Mar. 14, 83	1882, 83, 84, 85, 86, 87	Superseded by 3190.
541	Herbert, Stockton C.	June 14, 80	"	Des Moines			1882, 83, 84, 85, 86, 87	Forfeited.
548	Hagensick, H. H.	June 17, 80	"	Elkader			1882, 83, 84, 85, 86, 87	
561	Hammond, Jno. H.	June 7, 80	"	Elkader			1882, 83, 84, 85, 86, 87	
564	Hardenbrook, Geo.	June 8, 80	"	Exira			1882, 83, 84, 85, 86, 87	
567	Henry, Wm. G.	June 4, 80	"	Emmetsburg			1882, 83, 84, 85, 86, 87	



ABSTRACT—CONTINUED.

30

STATE PHARMACY REGISTER.

[2]

[187]

STATE PHARMACY REGISTER.

31

Number of certificate.	NAMES.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
569	Harris, Wm. J.	June 7, 80	As owner	Earlville			1882	Forfeited.
570	Harris, J. S.	June 7, 80	"	Earlville			1882	Forfeited.
575	Hufford, R. H.	June 2, 80	"	Fairfield			1882, 83, 84, 85, 86, 87	
586	Higley, Daniel G.	June 23, 80	"	Fairfield	Madrid	Mar. 22, 82	1882, 83, 84, 85, 86, 87	
589	Harmon, Ardell.	June 3, 80	"	Farragut			1882, 83	Forfeited; in Cal.
593	Higley, T. F.	June 4, 80	"	Fairfield			1882, 83	Sold out; forfeited.
622	Hull, F. S.	June 3, 80	As assistant.	Grinnell		April 30, 86	1882, 83, 84, 85, 86	Superseded by 3181.
624	Hedges, Thos. M.	June 3, 80	As owner	Grinnell			1882, 83	Sold out; forfeited.
628	Hutchins, Jas. H.	June 8, 80	"	Hampton			1882, 83, 84, 85, 86, 87	
633	Harriman, O. B.	June 12, 80	"	Hampton			1882, 83	Forfeited.
644	Henderson, Wm. H.	June 10, 80	"	Humeston			1882, 83, 84, 85, 86, 87	
661	Howey, Horace W.	June 24, 80	As assistant.	Independence			1882, 83, 84, 85, 86, 87	
664	Hoag, J. L.	June 3, 80	As owner	Iowa Falls			1882, 83, 84, 85, 86, 87	
666	Hess, John W.	June 2, 80	As assistant.	Iowa City	Muscatine	Aug. 16, 85	1882, 83, 84, 85, 86	Forfeited.
677	Hill, David R. M.	June 7, 80	As owner	Kellogg			1882, 83, 84, 85, 86	Dead.
704	Hohr, Wm. A.	June 2, 80	As assistant.	Keosauqua			1882, 83	Forfeited.
724	Hughes, Jr., J. C.	June 28, 80	As owner	Keokuk	New Sharon	Mar. 22, 82	1882	Forfeited.
748	Hyatt, Joel.	June 5, 80	"	Lynnville			1882	Forfeited.
757	Hahn, Wm. F.	June 4, 80	"	Lowden			1882, 83, 84, 85, 86, 87	
774	Hope, Geo. T.	June 4, 80	"	Little Sioux			1882, 83, 84, 85, 86, 87	
775	Hope, Wm. H.	June 5, 80	"	Little Sioux			1882, 83, 84, 85, 86, 87	
783	Henak, Mary.	June 30, 80	As assistant.	Oxford Junction			1882, 83, 84, 85, 86	Dead.
795	Haman, Geo. C.	June 29, 80	As owner	Cedar Rapids			1882, 83, 84, 85, 86, 87	
798	Harold, F. P.	June 16, 80	"	Clermont			1882	Forfeited.
880	Hershe, Abram B.	June 7, 80	As assistant.	Muscatine			1882, 83, 84, 85	Canceled by request.
888	Hatter, John V. M.	June 11, 80	As owner	Millsburg			1882, 83, 84, 85, 86, 87	
889	Henslie, Isaac	June 2, 80	"	Mitchellville			1882, 83	Dead.
911	Horne, John	June 2, 80	"	Mt. Ayr			1882, 83, 84, 85, 86, 87	
925	Hogin, Geo. B.	July 2, 80	"	Newton			1882, 83, 84	Retired; forfeited.
982	Hine, John B.	July 5, 80	As assistant.	Council Bluffs			1882, 83	Forfeited; see 3245.
988	Huson, Chas. A.	June 5, 80	"	Odebolt			1882	Forfeited.
991	Harlan, C. F.	June 26, 80	"	Ottumwa			1882, 83, 84, 85, 86, 87	
1019	Hershiser, Edwin	June 12, 80	"	Onawa			1882	Forfeited.
1024	Hall, Morris B.	June 23, 80	As owner	Oxford Mills			1882	Forfeited.
1028	Hall, John L.	June 18, 80	As assistant.	Osage			1883, 83	Forfeited.
1034	Hulbert, Chas. E.	June 12, 80	"	Osceola			1882, 83, 84, 85	Forfeited.
1038	Hines, Ed. K.	June 4, 80	"	Oskaloosa	New Sharon	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Forfeited.
1068	Hayden, C. B.	June 4, 80	As owner	Panora			1882, 83, 84, 85, 86, 87	
1067	Hicks, H. V.	June 4, 80	"	Preston			1882, 83, 84, 85, 86, 87	
1071	Howenstein, W. M.	June 5, 80	"	Parkersburg			1882, 83, 84, 85, 86, 87	
1078	Hampson, Jas. C.	June 4, 80	"	Fairfield	Fairfield	Mar. 31, 85	1882, 83, 84, 85, 86	Superseded by 3031.
1082	Hatton, S. C.	June 9, 80	"	Riverton			1882, 83, 84, 85, 86, 87	
1116	Haskitt, George M.	July 9, 80	As assistant.	Coifax	Des Moines	May 1, 87	1882, 83, 84, 85, 86, 87	Forfeited.
1116	Haskitt, Wm. L.	July 9, 80	As owner	Coifax			1882	Forfeited.
1130	Huegle, H. W.	July 10, 80	As assistant.	Des Moines			1882, 83, 84, 85, 86, 87	
1164	Hutson, Henry C.	July 8, 80	As owner	Montour	Gladbrook	July 3, 82	1882, 83	Forfeited.
1185	Hansen, F.	June 7, 80	"	Sioux City			1882, 83, 84, 85, 86, 87	
1186	Hundt, W. L.	June 7, 80	As assistant.	Sioux City			1882, 83, 84, 85, 86, 87	
1187	Hoskins, Ed.	June 7, 80	"	Sioux City			1882, 83, 84, 85, 86, 87	
1188	Hoskins, Jas. F.	June 30, 80	As owner	Sioux Rapids			1882, 83, 84, 85, 86, 87	
1196	Hopper, Byron M.	June 14, 80	"	Springville			1882, 83, 84, 85, 86, 87	
1197	Hopper, Mary S.	June 14, 80	"	Springville			1882, 83, 84, 85, 86, 87	
1224	Hunt, Charles H.	June 26, 80	As assistant.	Stanwood			1882	Forfeited.
1231	Hale, Bernard A.	June 7, 80	As owner	Sheldahl	Cambridge	June 21, 82	1882	Forfeited.
1267	Hirschfeldt, Frank S.	June 9, 80	As assistant.	Tipton			1882, 83, 84, 85, 86	Delinquent 1 year.
1280	Hopwood, A. L.	June 9, 80	As owner	Vinton			1882, 83, 84, 85, 86, 87	
1287	Hodges, Geo. W.	June 4, 80	"	Winterset			1882, 83, 84	Forfeited.
1288	Hervey, Charles B.	June 4, 80	"	Winterset			1882, 83, 84, 85, 86, 87	
1297	Hopsteater, Irene H.	June 26, 80	As assistant.	Winfield			1882	Forfeited.
1319	Hanna, John W.	June 28, 80	As owner	Winfield			1882, 83, 84, 85, 86, 87	
1334	Henderson, J. L.	June 23, 80	As assistant.	Waterloo			1882, 83, 84, 85, 86, 87	
1347	Hudson, Thos. J.	June 10, 80	As owner	Winterset			1882, 83, 84, 85	Forfeited.
1349	Hall, Solon G.	June 15, 80	As assistant.	West Side			1882, 83, 84, 85, 86, 87	Superseded by 2003.
1350	Hopkins, C. J.	June 15, 80	As principal.	Wall Lake	Wall Lake	June 27, 84	1882, 83, 84, 85, 86, 87	
1363	Houser, John P.	July 9, 80	As owner	West Branch			1882	Sold out. Forfeited.
1367	Higby, Geo. H.	July 12, 80	"	Anamosa			1882	Forfeited.
1385	Hogin, Sam'l R.	July 12, 80	"	Delta			1882	Forfeited.
1389	Heiser, H. C.	July 16, 80	"	Franklin			1882	Dead.
1400	Hildreth, Isaac F.	July 13, 80	As assistant.	Leon			1882	Revoked.
1402	Hull, Justin M.	July 7, 80	As owner	Lake Mills			1882, 83, 84, 85, 86, 87	In Dakota; forfeited d.
1426	Heifritz, R.	July 12, 80	"	St. Ansgar			1882, 83, 84, 85, 86, 87	
1444	Heinsins, Chas.	July 27, 80	As assistant.	Solon			1882, 83, 84, 85, 86, 87	
1446	Howey, T. M.	July 19, 80	As owner	Wapello			1882, 83, 84, 85, 86, 87	
1447	Howey, H.	July 16, 80	"	Wapello			1882, 83, 84, 85, 86, 87	
1455	Heiser, Johanna M.	July 17, 80	"	Franklin Center			1882, 83, 84, 85	Delinquent 2 years.
1457	Hoeffelinger, W. W.	July 16, 80	As assistant.	Grundy Center			1882	In Neb. Forfeited.
1458	Hyatt, N. J.	July 6, 80	As owner	Chillicothe	Van Wert	Jan. 3, 83	1882, 83, 84, 85, 86	Superseded by 317.
1459	Hyatt, R. H.	July 23, 80	"	Chillicothe		April 5, 86	1882, 83, 84, 85, 86	Delinquent 1 year.
1467	Heath, Wm. H.	July 17, 80	As assistant.	Alta	Britt	Dec. 7, 86	1882, 83, 84, 85, 86	Forfeited.
1478	Houghton, F. E.	July 20, 80	As owner	Adel			1882, 83, 84, 85, 86, 87	
1481	Harr, D. D.	July 21, 80	As assistant.	Janesville	Belmond	Mar. 22, 82	1882, 83, 84, 85, 86	Superseded by 3141.
1482	Herries, Jas. S.	July 21, 80	As owner	Janesville			1882	Retired. Forfeited.
1493	Harris, S. L.	July 3, 80	As assistant.	Cresco			1882, 83, 84	Superseded by 2363.
1496	Huntly, A. J.	July 20, 80	As owner	Sargent's Bluff			1882, 83, 84, 85, 86, 87	Forfeited.
1510	Halstead, T. J.	July 23, 80	"	Shannanah			1882, 83, 84, 85, 86, 87	
1517	Hess, Elmer A.	July 26, 80	"	Delmar	Lyons	Dec. 28, 85	1882, 83, 84, 85, 86, 87	Superseded by 3310.
1518	Hansen, H. C.	July 26, 80	"	Des Moines			1882, 83, 84, 85, 86, 87	
1523	Hastings, E. W.	July 26, 80	"	Quasqueton			1882, 83, 84, 85, 86, 87	



ABSTRACT—CONTINUUD.

82

STATE PHARMACY REGISTER.

[P. 3]

[P. 3]

STATE PHARMACY REGISTER.

83

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
1530	Hart, Rolla J.	July 24, 80	As owner	Low Moor			1882, 83, 84, 85, 86, 87	
1539	Henry, George C.	July 28, 80	"	Burlington			1882, 83, 84, 85, 86, 87	
1549	Hughes, Martin	July 30, 80	As assistant	Keokuk			1882, 83, 84, 85, 86, 87	Forfeited.
1562	Howard, Henry H.	July 28, 80	As owner	Charles City			1882, 83, 84, 85, 86, 87	Forfeited.
1579	Hayden, John D.	July 27, 80	"	Liberty Center			1882, 83, 84, 85, 86, 87	Forfeited.
1582	Hulton, Henry	Aug. 6, 80	"	Madrid			1882, 83, 84, 85, 86, 87	
1598	Hundebly, T. K.	Aug. 10, 80	"	Northwood			1882, 83, 84, 85, 86, 87	
1634	Hornaday, N. S.	Aug. 16, 80	"	Lenox			1882, 83, 84, 85, 86, 87	
1636	Hill, C. W.	Aug. 7, 80	"	Grand Junction			1882, 83, 84, 85, 86, 87	Dead.
1637	Heine, Leonard	Aug. 2, 80	"	Guttenburg			1882, 83, 84, 85, 86, 87	Forfeited.
1664	Hall, Lucian W.	Sept. 7, 80	"	Ladora			1882, 83, 84, 85, 86, 87	Dead.
1686	Haskell, George E.	Aug. 4, 80	By examination	Des Moines	Decorah	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Forfeited. See 3319.
1677	Harlan, Charles E.	Aug. 3, 80	"	Des Moines			1882, 83, 84, 85, 86, 87	
1689	Hammer, Alfred	Aug. 10, 80	"	Ottumwa	Hawarden	May 21, 85	1882, 83, 84, 85, 86, 87	
1695	Harlan, Laurence L.	July 31, 80	"	Charles City			1882, 83, 84, 85, 86, 87	
1704	Hanford, George S.	Aug. 16, 80	"	Rattlett			1882, 83, 84, 85, 86, 87	
1722	Harris, T. C.	Sept. 9, 80	As owner	Keokuk			1882, 83, 84, 85, 86, 87	
1724	Heiser, Rudolph	Sept. 14, 80	"	Stuart			1882, 83, 84, 85, 86, 87	
1731	Herriott, John	Sept. 17, 80	"	Hebron Center			1882, 83, 84, 85, 86, 87	
1740	Hartman, John G.	Sept. 8, 80	"	Clayton Center			1882, 83, 84, 85, 86, 87	
1744	Hagensick, C. W.	Sept. 24, 80	"	Lineville			1882, 83, 84, 85, 86, 87	Forfeited.
1747	Hill, J. A.	Oct. 1, 80	"	Galesburg			1882, 83, 84, 85, 86, 87	Forfeited.
1770	Hart, Theodore	Oct. 9, 80	"	Monmouth			1882, 83, 84, 85, 86, 87	
1773	Hubbard, L. W.	Oct. 10, 80	As assistant	Read			1882, 83, 84, 85, 86, 87	
1775	Hagensick, A. Chas.	Oct. 8, 80	By examination	Winterseat			1882, 83, 84, 85, 86, 87	Forfeited.
1785	Hinschaw, John	Oct. 8, 80	"	Cambridge			1882, 83, 84, 85, 86, 87	
1802	Hays, David D.	Aug. 24, 80	"	Albion	Perry	July 22, 85	1882, 83, 84, 85, 86, 87	
1809	Howell, J. M.	Oct. 21, 80	As principal	Harvard			1882, 83, 84, 85, 86, 87	Forfeited.
1820	Hinkle, George W.	Oct. 25, 80	As owner	Carroll City			1882, 83, 84, 85, 86, 87	
1823	Howard, F. M.	Nov. 1, 80	"	Clarion			1882, 83, 84, 85, 86, 87	Forfeited.
1834	Hamilton, S. B.	Nov. 20, 80	As assistant	Fort Dodge	Avoca	April 29, 84	1882, 83, 84, 85, 86, 87	Forfeited.
1835	Hipsley, Wm. W.	Nov. 17, 80	As owner	Odeboit			1882, 83, 84, 85, 86, 87	Forfeited.
1838	Hill, M. W.	Nov. 20, 80	"	Des Moines			1882, 83, 84, 85, 86, 87	Delinquent 6 years.
1922	Hyde, Charles E.	Nov. 15, 80	By examination	Clinton			1882, 83, 84, 85, 86, 87	Delinquent 6 years.
1924	Hinschaw, Wm.	Dec. 2, 80	"	Columbus Junction			1882, 83, 84, 85, 86, 87	Delinquent 6 years.
1941	Hardy, W. H.	Aug. 23, 80	"				1882, 83, 84, 85, 86, 87	Delinquent 6 years.
1946	Hall, W. F.	July 14, 80	As owner				1882, 83, 84, 85, 86, 87	Delinquent 6 years.
1955	Hoffman, Nicholas	Jan. 5, 81	Principal	La Motte			1882, 83, 84, 85, 86, 87	Forfeited.
1961	Hill, Mrs. E. A.	Nov. 27, 80	As owner	Dover			1882, 83, 84, 85, 86, 87	Forfeited.
1971	Hopkins, S. H.	Jan. 14, 81	Principal	Wheeler's Grove			1882, 83, 84, 85, 86, 87	Forfeited.
2003	Hall, Soion G.	Dec. 21, 80	By examination	West Side	Alta	June 13, 83	1882, 83, 84, 85, 86, 87	
2013	Hoffman, Chas. L.	Feb. 26, 81	"	Moravia			1882, 83, 84, 85, 86, 87	
2036	Hyser, Wm. W.	Feb. 26, 81	"	Casey	Guthrie Center	Feb. 20, 83	1882, 83, 84, 85, 86, 87	Canceled by request.
2056	Hume, Jas. H.	Feb. 28, 81	"	Scranton	Laurel	Mar. 24, 84	1882, 83, 84, 85, 86, 87	
2083	Hodge, J. L.	April 6, 81	"	Glenwood	Council Bluffs	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Delinquent 5 years.
2085	Hunt, A. B.	April 13, 81	"	Scranton	Early	Dec. 6, 82	1882, 83, 84, 85, 86, 87	
2077	Harrison, D. C.	Mar. 30, 81	"	Clarksville			1882, 83, 84, 85, 86, 87	
2113	Hutchinson, B. B.	Mar. 17, 81	As assistant	Audubon			1882, 83, 84, 85, 86, 87	Forfeited.
2132	Houston, O. J.	May 21, 81	By examination	Irvin			1882, 83, 84, 85, 86, 87	
2180	Harsh, I. M.	Aug. 6, 81	"	Cherokee			1882, 83, 84, 85, 86, 87	Delinquent 5 years.
2201	Henderson, H. C.	July 15, 81	"	Carson	Council Bluffs	Dec. 29, 83	1882, 83, 84, 85, 86, 87	Delinquent 5 years.
2205	Harlan, Chas. L.	Sept. 27, 81	"	Gilman	Rock Rapids	Mar. 24, 87	1882, 83, 84, 85, 86, 87	Out of business.
2206	Horton, Frank A.	Aug. 24, 81	"	Pocahontas Center	Thornburg	Sept. 18, 83	1882, 83, 84, 85, 86, 87	
2215	Hamilton, C. M.	Sept. 23, 81	"	Guthrie Center			1882, 83, 84, 85, 86, 87	In Omaha.
2217	Hosletter, Peter	Sept. 27, 81	"	Sheldahl			1882, 83, 84, 85, 86, 87	Out of business.
2220	Heddesater, Reinert	Oct. 15, 81	Graduate	Des Moines			1882, 83, 84, 85, 86, 87	
2242	Hammer, Alvin G.	Nov. 11, 81	"	Gray	Toledo	Feb. 22, 83	1882, 83, 84, 85, 86, 87	
2256	Hinsdale, Frank L.	Oct. 22, 81	By examination	Story City			1882, 83, 84, 85, 86, 87	Delinquent 1 year.
2261	Hamilton, F. R.	Nov. 1, 81	"	Anderson			1882, 83, 84, 85, 86, 87	Delinquent 5 years.
2267	Hay, J. A.	Nov. 8, 81	"	Audubon	Dedham	Mar. 22, 82	1882, 83, 84, 85, 86, 87	
2268	Hawyer, B. H.	Nov. 10, 81	"	Adel	Guthrie Center	Nov. 29, 82	1882, 83, 84, 85, 86, 87	
2300	Hammond, W. S.	Dec. 31, 81	"	Red Oak			1882, 83, 84, 85, 86, 87	Out of business.
2301	Hornaday, Linton D.	Dec. 31, 81	"	Mason City			1882, 83, 84, 85, 86, 87	Dead.
2366	Harris, H. S.	Jan. 6, 82	"	Davenport	Paulina	April 8, 87	1882, 83, 84, 85, 86, 87	
2386	Harmon, Frank H.	Jan. 23, 82	"	Humboldt	Dakota City	Mar. 22, 83	1882, 83, 84, 85, 86, 87	
2331	Harrington, Chas. E.	Jan. 25, 82	"	Independence	Independence	Feb. 12, 86	1882, 83, 84, 85, 86, 87	
2340	Hunter, Fred E.	Feb. 9, 82	"	Stanton			1882, 83, 84, 85, 86, 87	
2342	Hine, Chas. W.	Feb. 27, 82	"	Albia			1882, 83, 84, 85, 86, 87	Revoked.
2358	Hardbrook, J. B.	Feb. 27, 82	"	Creco	Fort Dodge	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Delinquent 5 years.
2363	Harris, Sumner L.	April 6, 82	"	Hancock			1882, 83, 84, 85, 86, 87	Revoked.
2367	Hardman, Chas. W.	Mar. 6, 82	"	New Sharon			1883, 84, 85, 86, 87	
2384	Holywell, J. B.	Mar. 30, 82	"	Clinton	Sibley	April 15, 85	1883, 84, 85, 86, 87	
2417	Huston, James T.	April 21, 82	"	Seymour			1883, 84, 85, 86, 87	Delinquent 4 years.
2420	Hollingsworth, A.	April 27, 82	"	Irwin			1883, 84, 85, 86, 87	
2422	Hernon, James A.	May 29, 82	"	Fredrick	Swedesburg	May 19, 86	1883, 84, 85, 86, 87	
2424	Hinton, S. A.	May 3, 82	"	Menlo			1883, 84, 85, 86, 87	
2446	Hawley, Wm. A.	May 20, 82	"	Clarinda			1883, 84, 85, 86, 87	
2461	Hite, Robert B.	May 26, 82	"	Onawa			1883, 84, 85, 86, 87	Delinquent 2 years.
2484	Handel, Daniel	June 22, 82	"	Keokuk	Missouri Valley	May 16, 81	1883, 84, 85, 86, 87	Left the State.
2487	Hogue, Frank P.	June 19, 82	"	Modale			1883, 84, 85, 86, 87	
2493	Huff, John W.	July 12, 82	"	Webster Point			1883, 84, 85, 86, 87	
2496	Hong, Ed. H.	July 3, 82	"	Webster City	Fort Dodge	Nov. 21, 82	1883, 84, 85, 86, 87	Left the State.
2502	Howard, Nathaniel K.	July 22, 82	"	Solon			1883, 84, 85, 86, 87	
2514	Heinsins, Otto	Aug. 15, 82	"	Wyoming			1883, 84, 85, 86, 87	
2526	Hallett, Will P.	Sept. 7, 82	"	Avoca	Atlantic	July 13, 83	1883, 84, 85, 86, 87	
2527	Hardesty, Frank	Sept. 13, 82	"	Rose Hill	Muchakinock	July 5, 84	1883, 84, 85, 86, 87	
2540	Henderson, Joseph S.	Oct. 17, 82	"				1883, 84, 85, 86, 87	



## ABSTRACT—CONTINUED.

Number of certificate.	NAMES.	Date of registration.	HOW REGISTRATION.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
2549	Hostetter, John I.	Dec. 1, 82	By examination	Colo.			1883, 84, 85, 86, 87	In Illinois.
2550	Hershey, D. A.	Jan. 9, 83	"	Clarinda			1883, 84, 85, 86, 87	
2551	Harvey, S. N.	Dec. 30, 82	"	Neola			1883, 84, 85, 86, 87	
2552	Holbrook, George A.	Feb. 10, 83	"	Dyersville			1883, 84, 85, 86, 87	
2553	Hansen, J. B.	Feb. 5, 83	"	Collins			1883, 84, 85, 86, 87	
2554	Hipple, J. W.	Feb. 26, 83	"	Quorn	Kingsley	Dec. 26, 83	1883, 84, 85, 86, 87	
2555	Henderson, Wm. A.	Mar. 6, 83	"	West Branch	Clarinda	Oct. 14, 84	1883, 84, 85, 86, 87	
2556	Higdon, Orville B.	April 17, 83	"	Allerton	Ottumwa	Mar. 16, 87	1884, 85, 86, 87	
2557	Heffernan, John	May 22, 83	"	Cascade			1884, 85, 86, 87	
2558	Hanes, Geo. W.	June 8, 83	"	Maynard			1884, 85, 86, 87	
2559	Hull, A. H.	June 20, 83	"	Manning			1884, 85, 86, 87	Delinquent 4 years.
2560	Hoover, F. E.	May 29, 83	"	Washington			1884, 85, 86, 87	In Kansas.
2561	Hayes, J. W.	July 3, 83	"	Des Moines	Cedar Rapids	May 9, 85	1884, 85, 86, 87	
2562	Howe, Frank	July 27, 83	"	Fort Dodge			1884, 85, 86, 87	Delinquent 2 years.
2563	Holland, Ed. A.	Nov. 21, 83	"	Gravity			1884, 85, 86, 87	In Montana.
2564	Hunter, J. C.	Nov. 28, 83	"	Dubuque			1884, 85, 86, 87	
2565	Holtzschuh, Oscar Von	Dec. 18, 83	"	Creston			1884, 85, 86, 87	
2566	Hadden, David E.	Jan. 15, 84	"	Le Mars	Alta	April 7, 87	1884, 85, 86, 87	
2567	Hutchinson, David	Jan. 29, 84	"	Winterset			1884, 85, 86, 87	
2568	Howe, A. J.	Jan. 29, 84	"	Greenfield	Glenwood	Oct. 9, 85	1884, 85, 86, 87	
2569	Hansen, John H.	Mar. 20, 84	"	Lamoni			1884, 85, 86, 87	Delinquent 3 years.
2570	Harran, Oscar F.	Mar. 20, 84	"	Council Bluffs			1885, 86, 87	
2571	Hendershot, W. W.	May 6, 84	"	Rose Hill	Richmond	June 19, 86	1885, 86, 87	
2572	Hugg, A. A.	May 28, 84	"	Oskaloosa			1885, 86, 87	
2573	Harvey, John Thomas	June 13, 84	As graduate	Clinton			1885, 86, 87	Delinquent 1 year.
2574	Hinckley, Levi E.	June 3, 84	By examination	Ottumwa			1885, 86, 87	Delinquent 1 year.
2575	Harran, Orlando	July 15, 84	"	Algona			1885, 86, 87	
2576	Hampton, R. B.	July 15, 84	"	West Liberty	Atalissa	Mar. 27, 85	1885, 86, 87	Canceled by request.
2577	Hill, John E.	July 15, 84	"	Britt			1885, 86, 87	
2578	Howard, George E.	Sept. 3, 84	"	Runnells	Lacoma	Aug. 29, 87	1885, 86, 87	
2579	Hong, E. L.	Sept. 16, 84	"	Tama City	Clinton	Feb. 24, 86	1885, 86, 87	
2580	Hopkins, W. B.	Sept. 16, 84	"	Stratford	Des Moines	June 27, 87	1885, 86, 87	
2581	Heltz, J. Wm.	Nov. 5, 84	"	Burlington			1885, 86, 87	
2582	Heskett, F. P.	Nov. 18, 84	"	Corvill			1885, 86, 87	Dead.
2583	Haughbey, S. B.	Dec. 16, 84	"	Molton			1885, 86, 87	In Nebraska.
2584	Hugley, W. H.	Feb. 7, 85	"	Storm Lake			1885, 86, 87	
2585	Houghland, Allen C.	April 7, 85	"	Milton	Brighton	June 10, 86	1885, 86, 87	
2903	Hyde, W. P.	July 6, 80	"	Le Claire			1886, 87	
2904	Hummell, Mathias	June 19, 85	"	Girty Center			1886, 87	
2905	Hamilton, R. G.	June 19, 85	"	Orcheyedan (For	Ocheyedan only)		1886, 87	Expired.
2906	Hill, J. H.	Oct. 6, 85	"	Ainsworth (For	Ainsworth only)		1886, 87	
2907	Hill, F. M.	Oct. 19, 85	"	Persia			1886, 87	
2908	Howard, Fletcher	Feb. 2, 86	"	Sheldon	Cedar Rapids	Feb. 9, 87	1886, 87	
2909	Golden, George H.	Mar. 2, 86	"	Washington			1886, 87	
2910	Hoyer, John	Mar. 16, 86	"	New Albin			1886, 87	
2911	Hinsdale, M. H.	May 18, 86	"	Toledo			1887	
2912	Hines, J. W.	May 18, 86	"	Le Mars			1887	
2913	Houser, J. F.	June 15, 86	"	Iowa City			1887	
2914	Hampson, James C.	June 15, 86	"	Fairfield			1887	Now in Denver.
2915	Houston, Charles W.	Aug. 3, 86	"	Andabon			1887	
2916	Henry, Charles	Sept. 21, 86	"	Hancock			1887	Delinquent 1 year.
2917	Hall, Lincoln	Oct. 19, 86	"	Lake City	Schaller	May 14, 87	1887	
2918	Havercamp, John J.	Dec. 21, 86	"	Muscatine			1887	
2919	Hassels, J. C.	Jan. 25, 87	"	Storm Lake			1887	Superseded by 3340.
2920	Hubbard, H. C.	Feb. 1, 87	"	Humboldt			1887	
2921	Harr, D. D.	Feb. 15, 87	"	Belmond			1887	
2922	Harding, John	Feb. 25, 87	"	Davenport			1887	
2923	Haerling, Herman M.	Feb. 25, 87	"	Gladbrook	Le Mars	Aug. 4, 87	1887	
2924	Huston, Joseph E.	Feb. 25, 87	"	Winfield			1887	
2925	Hopkins, Cary	Mar. 8, 87	"	Guthrie Center			1887	
2926	Howard, C. R.	Mar. 15, 87	"	Anamosa			1887	
2927	Hyatt, N. J.	Mar. 17, 87	"	Van Wert			1887	
2928	Hull, F. S.	Mar. 30, 87	"	Oskaloosa			1887	
2929	Helme, W. H.	Mar. 16, 87	"	Guttenberg			1887	
2930	Hummer, James S.	May 10, 87	"	Fort Dodge	Vinton	Feb. 10, 87	1887	
2931	Haines, Calvin	April 4, 87	"	Cherokee	Spirit Lake	June 18, 87	1887	
2932	Hadsel, H. S.	April 5, 87	"	Maynard			1887	
2933	Hibner, George M.	April 19, 87	"	Iowa Falls			1887	
2934	Hine, J. B.	May 17, 87	"	Hampton			1887	
2935	Hester, Lucy C.	June 14, 87	"	Coln			1887	
2936	Hamill, Jno. Hanson	June 21, 87	"	Newell			1887	
2937	Houghton, Fred. W.	July 5, 87	"	Council Bluffs			1887	
2938	Haas, Theo.	Aug. 10, 87	As graduate	Lansing			1887	
2939	Harrington, J. D.	Oct. 2, 87	"	Colfax	Clinton	Dec. 2, 87	1887	
2940	Hess, Elmer A.	Sept. 6, 87	"	Lyons			1887	
2941	Haas, Fred.	Sept. 6, 87	"	Marengo			1887	
2942	Hall, Lillian B.	Sept. 20, 87	"	Marengo			1887	
2943	Henry, Arthur B.	Sept. 20, 87	"	Creston			1887	
2944	Hassels, J. C.	Oct. 25, 87	"	Storm Lake			1887	
317	Israel, W. G.	June 8, 80	As owner	Brighton			1882, 83, 84, 85, 86, 87	
512	Ink, P. P.	June 4, 80	As graduate	Washington			1882, 83, 84, 85, 86, 87	Forfeited.
538	Ingles, Chester S.	June 28, 80	As owner	Dallas			1882, 83, 84, 85, 86, 87	
537	Isbell, Zuri G.	June 22, 80	"	Center Junction			1882, 83, 84, 85, 86, 87	Forfeited.
700	Irwin, John B.	June 17, 80	"	Keota			1882, 83, 84, 85, 86, 87	
711	Isbell, George A.	June 28, 80	"	Central City			1882, 83, 84, 85, 86, 87	
1091	Irwin, Robert P.	June 4, 80	As assistant	Rockford			1882, 83, 84, 85, 86, 87	Delinquent 1 year.



# ABSTRACT—CONTINUED.

36

STATE PHARMACY REGISTER.

1887.]

STATE PHARMACY REGISTER.

37

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
1576	Ingalis, Joseph E.	Aug. 22, 80	As owner	Denmark.	Henderson	April 4, 86	1882, 83, 84, 85, 86, 87	
1693	Irwine, Chas. E.	Aug. 3, 80	By examinat'n	Elliot	Henderson	1882, 83, 84, 85, 86, 87		
1718	Israel, Robert	Sept. 7, 80	As owner	Richland	1882, 83, 84, 85, 86, 87			Forfeited.
1945	Iorns, Henry F.	Oct. 7, 80	"	Welton	1882, 83, 84, 85, 86, 87			Dead.
2394	Ingersoll, W. B.	April 17, 82	By examinat'n	Boone	Des Moines	Nov. 2, 83	83, 84, 85, 86, 87	
2611	Ingers, J. B.	May 15, 83	"	Meriden	1882, 83, 84, 85, 86, 87			
2339	Inskip, Chas. C.	May 31, 83	"	Ottumwa	1882, 83, 84, 85, 86, 87			
2878	Isbell, G. A.	May 12, 85	"	Maquoketa	1882, 83, 84, 85, 86, 87			
3198	Ilg, Joseph E.	May 3, 87	Graduate	Elkader	1882, 83, 84, 85, 86, 87			
3267	Ingraham, M.	Aug. 2, 87	By examinat'n	Ladora.	Victor	Nov. 25, 87		
66	Ilek, Joseph	June 9, 80	As assistant	Ely	1882, 83, 84, 85, 86, 87			Dead.
133	Johnston, W. S.	June 5, 80	As principal	Big Grove	Corning	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Forfeited.
166	Jones, Em R. (Mrs. Walker).	June 16, 80	As owner	Grandview	1882, 83, 84, 85, 86, 87			
172	Johnston, John	June 7, 80	As assistant	Brandon	1882, 83, 84, 85, 86, 87			Forfeited.
202	Johnston, Bartlett	June 22, 80	As owner	River Sioux	1882, 83, 84, 85, 86, 87			Forfeited.
236	Johnson, S. M.	June 19, 80	"	Carson	1882, 83, 84, 85, 86, 87			
237	Johnson, Ella S.	June 19, 80	As assistant	Carson	1882, 83, 84, 85, 86, 87			
355	Johnson, Henry	June 5, 80	As owner	Cedar Falls	1882, 83, 84, 85, 86, 87			
439	Jappe, G. F.	June 2, 80	As assistant	Davenport	1882, 83, 84, 85, 86, 87			
478	Junkerman, Otto	June 3, 80	As owner	Dubuque	1882, 83, 84, 85, 86, 87			Left State; forfeited.
497	Jones, Edward L.	June 12, 80	As assistant	Des Moines	1882, 83, 84, 85, 86, 87			Dead.
620	Johnson, Jos. G.	June 3, 80	As owner	Gruenell	1882, 83, 84, 85, 86, 87			
670	Jay, Oscar O.	June 3, 80	As assistant	Jefferson	Gowrie	July 22, 82	1882, 83, 84, 85, 86, 87	Superseded by 3131.
723	Jennings, H. B.	June 29, 80	"	Keokuk	Weston	Jan. 11, 86	1882, 83, 84, 85, 86, 87	Forfeited.
746	Jones, Isaac	June 3, 80	As owner	La Porte City	1882, 83, 84, 85, 86, 87			
789	Johnson, Richard H.	July 1, 80	"	Cromwell	1882, 83, 84, 85, 86, 87			Sold out; forfeited.
850	Johnson, Robt. O.	June 7, 80	"	Morning Sun	1882, 83, 84, 85, 86, 87			Dead.
999	Johnson, Alfred	June 10, 80	As assistant	Ottumwa	Given	June 16, 84	1882, 83, 84, 85, 86, 87	Superseded by 3176.
1003	Johnson, J. W.	June 16, 80	"	Ottumwa	1882, 83, 84, 85, 86, 87			Left town; forfeited.
1008	Jeppson, John	June 16, 80	"	Ottumwa	1882, 83, 84, 85, 86, 87			Canceled by request.
1013	Jamison, George W.	June 3, 80	As owner	Oelswein	1882, 83, 84, 85, 86, 87			
1088	Junger, Hugo	June 5, 80	As assistant	Reinbeck	1882, 83, 84, 85, 86, 87			
1089	Jacobson, D.	June 5, 80	As owner	Reinbeck	1882, 83, 84, 85, 86, 87			Forfeited.
1169	Johnson, John C.	July 9, 80	As assistant	Marshalltown	1882, 83, 84, 85, 86, 87			Dead.
1201	Jones, Joseph E.	June 19, 80	As owner	Stellapolis P. O.	Williamsburg	Sept. 9, 86	1882, 83, 84, 85, 86, 87	Left town; forfeited.
1313	Johnson, Thomas	June 29, 80	As assistant	Woodburn	1882, 83, 84, 85, 86, 87			
1288	Jones, Albert C.	June 5, 80	As assistant	Fairfield	1882, 83, 84, 85, 86, 87			
1300	Jones, Cornelius A.	July 15, 80	As owner	Fairfield	1882, 83, 84, 85, 86, 87			Dead.
1391	Jones, William H.	July 15, 80	"	Fairfield	1882, 83, 84, 85, 86, 87			
1607	Jordan, F. H.	July 31, 80	By examinat'n	Danville	1882, 83, 84, 85, 86, 87			
1676	Johnson, George H.	July 31, 80	"	Iowa Center	1882, 83, 84, 85, 86, 87			Left town.
1765	Johnson, A. M.	Oct. 5, 80	As principal	Spirit Lake	1882, 83, 84, 85, 86, 87			Forfeited.
1836	Jones, J. R.	Nov. 19, 80	As owner	Fertile	1882, 83, 84, 85, 86, 87			
1839	Jones, W. C.	Nov. 19, 80	"	Hamlin	1882, 83, 84, 85, 86, 87			Left town; forfeited.
1853	Johnson, L. M.	Oct. 19, 80	By examinat'n	Winthrop	Storm Lake	June 21, 82	1882, 83, 84, 85, 86, 87	
1863	Jones, J. D.	Oct. 19, 80	"	Danison	Atlantic	April 16, 85	1882, 83, 84, 85, 86, 87	
1897	Jones, G. W.	July 31, 80	"	Peoria City	Valeria	Nov. 17, 84	1882, 83, 84, 85, 86, 87	
1882	Johnson, D. M.	Dec. 6, 80	"	Rockwell City	Boone	Aug. 17, 87	1882, 83, 84, 85, 86, 87	
1883	Johnson, C. O.	Dec. 14, 80	"	Adel	1882, 83, 84, 85, 86, 87			Canceled by request.
2011	James, W. T.	Feb. 22, 81	"	Des Moines	Swan	May 7, 86	1882, 83, 84, 85, 86, 87	
2042	Joder, Josiah K.	April 15, 81	As assistant	Waterloo	1882, 83, 84, 85, 86, 87			
2073	Jennings, Jr., Joseph	April 7, 81	By examinat'n	Wilton Junction	Onawa	June 15, 86	1882, 83, 84, 85, 86, 87	
2111	Jepson, Edward M.	May 16, 81	As principal	West Branch	Holstein	Nov. 4, 85	1882, 83, 84, 85, 86, 87	Superseded by 3215.
2285	Jay, D. D.	Dec. 6, 81	By examinat'n	Floris	Pulaski	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Out of business.
2289	Johnson, Barnet	Dec. 6, 81	"	La Moille	Ida Grove	June 19, 82	1882, 83, 84, 85, 86, 87	Delinquent 5 years.
2292	Jeffrey, W. P.	Dec. 6, 81	"	Bedford	New Market	Mar. 22, 82	1882, 83, 84, 85, 86, 87	
2315	James, John E.	Feb. 6, 82	"	Weldon	1882, 83, 84, 85, 86, 87			Delinquent 5 years.
2372	Jones, Thos. B.	Mar. 25, 82	"	Floris	Roland	Oct. 10, 87	1883, 84, 85, 86, 87	
2388	Jennings, W. S.	April 1, 82	"	Perry	1883, 84, 85, 86, 87			
2394	Jackson, D. W.	April 10, 82	"	Hepburn	1883, 84, 85, 86, 87			Delinquent 1 year.
2397	Jones, S. C.	April 17, 82	"	Humboldt	Des Moines	Dec. 30, 85	1883, 84, 85, 86, 87	
2468	Jones, Uriah C.	June 5, 82	"	Breda	1883, 84, 85, 86, 87			
2574	Johnson, Wm. S.	Jan. 16, 83	"	Rellevue	1883, 84, 85, 86, 87			
2686	Jones, Edward H.	Sept. 12, 83	"	Ridgeway	1884, 85, 86, 87			Canceled by request.
2722	John, Milo J.	Feb. 18, 84	By examinat'n	Clinton	1884, 85, 86, 87			
2733	Jappe, Christian F.	April 16, 84	Graduate	Davenport	1885, 86, 87			
2806	Jenkins, Hugh	Sept. 2, 84	By examinat'n	Preston	1885, 86, 87			
3046	Jay, George	Sept. 10, 86	Graduate	Shenandoah	1885, 86, 87			
3063	Jiroushek, Frank	Aug. 3, 86	By examinat'n	Cedar Rapids	1885, 86, 87			
3076	James, John	Sept. 21, 86	"	Des Moines	1885, 86, 87			Now in Kansas.
3077	Jackson, J. Walter	Sept. 21, 86	"	Des Moines	1885, 86, 87			
3082	Johnson, Allen G.	Oct. 5, 86	"	Clinton	1885, 86, 87			Canceled by request.
3131	Jay, Oscar O.	Mar. 21, 87	"	Gowrie	1885, 86, 87			
3176	Johnson, Alfred	Mar. 17, 87	"	Given	1885, 86, 87			
3204	Johnson, A. H.	April 4, 87	"	Cedar Rapids	1885, 86, 87			
3225	Jepson, Ed. M.	May 3, 87	"	Holstein	1885, 86, 87			
3292	Jericho, Jno. H.	Aug. 16, 87	"	Mt. Pleasant	1885, 86, 87			
86	Kern, Chas. J.	June 9, 80	As owner	Belmond	1882, 83, 84, 85, 86, 87			Forfeited.
90	Kern, J. B.	June 9, 80	"	Belmond	1882, 83, 84, 85, 86, 87			Forfeited.
108	Kitch, J. S.	June 7, 80	As principal	Reasnor	1882, 83, 84, 85, 86, 87			Superseded by 2307.
115	Keller, Geo. E.	June 12, 80	As owner	Wapello	1882, 83, 84, 85, 86, 87			
192	Keys, E. M.	June 21, 80	"	Walker	1882, 83, 84, 85, 86, 87			Forfeited.
207	Kolls, Conrad A.	June 4, 80	"	Ackley	1882, 83, 84, 85, 86, 87			
216	Kleinhaus, H.	June 15, 80	"	Clayton City	1882, 83, 84, 85, 86, 87			Delinquent 1 year.
222	Kimball, James H.	June 15, 80	"	Webster City	1882, 83, 84, 85, 86, 87			Forfeited.



ABSTRACT—CONTINUED.

38

STATE PHARMACY REGISTER.

1885

STATE PHARMACY REGISTER.

39

Number of certificate.	NAMES.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
385	Keller, A. H.	June 16, 80	As owner.	Corydon.			1882	Revoked.
414	Klinkner, John H.	June 21, 80	"	Cascade.			1882, 83, 84, 85, 86, 87	Canceled by request.
435	Koch, Francis J.	June 14, 80	"	Davenport.			1882, 83, 84, 85, 86, 87	
436	Kemmerer, Chas. T.	June 14, 80	"	Eldridge Junction.			1882, 83, 84, 85, 86, 87	
438	King, John M.	June 19, 80	As assistant.	Dallas Center.			1882	Left town; forfeited.
440	Koch, Peter Theo.	June 2, 80	As owner.	Davenport.			1882, 83, 84, 85, 86, 87	
508	Keeler, Riley.	June 4, 80	"	Sidney.			1882, 83, 84, 85, 86, 87	
544	Kirkwood, T. J.	June 23, 80	Principal.	Ottley.			1882, 83, 84, 85, 86, 87	
544	Kirkwood, James W.	June 5, 80	As assistant.	Ottley.			1882, 83, 84, 85, 86, 87	
568	Kriebs, Geo.	June 10, 80	As owner.	Elkport.			1882, 83, 84, 85, 86, 87	
643	Korslund, Chrest.	June 5, 80	"	Humboldt.			1882, 83, 84, 85, 86, 87	
673	Kelley, James P.	June 4, 80	"	Knoxville.			1882, 83, 84, 85, 86, 87	Superseded by 3145.
683	Kerr, David A.	June 1, 80	"	Keokuk.			1882, 83, 84, 85, 86, 87	Sold out; forfeited.
691	Kiedaisch, J. Fred.	June 7, 80	"	Keokuk.			1882, 83, 84, 85, 86, 87	Dead.
725	Kittell, E. H.	June 28, 80	As assistant.	Shell Rock.			1882, 83, 84, 85, 86, 87	Forfeited.
754	Kettering, Solomon.	June 10, 80	As owner.	Lisbon.			1882, 83, 84, 85, 86, 87	
763	Kiehl, R. S.	June 7, 80	As assistant.	Lewis.			1882, 83, 84, 85, 86, 87	
822	Kelley, Wilbur H.	July 2, 80	As owner.	Marshalltown.			1882, 83, 84, 85, 86, 87	
843	Kemp, Albert.	June 9, 80	As assistant.	Monticello.			1882, 83, 84, 85, 86, 87	
903	Kennedy, M. G.	June 25, 80	As owner.	McGregor.			1882, 83, 84, 85, 86, 87	
929	Kiesel, Henry L.	June 3, 80	"	Newton.			1882, 83, 84, 85, 86, 87	
972	Kearney, Edward F.	July 16, 80	"	Cascade.			1882, 83	Forfeited.
1072	Keeler, Banner L.	June 19, 80	"	Flam Hollow P. O.			1882, 83, 84, 85, 86, 87	Delinquent 2 years.
1182	Klopp, John J.	July 6, 80	"	Decorah.		May 26, 85	1882, 83, 84, 85, 86, 87	Superseded by 3199.
1165	Kepler, Thos. S.	July 8, 80	As assistant.	Mt. Vernon.			1882, 83, 84, 85, 86, 87	Retired; forfeited.
1170	Keables, Benjamin F.	July 12, 80	As owner.	Pella.			1882, 83, 84, 85, 86, 87	
1171	Keables, J. B.	July 12, 80	As assistant.	Pella.			1882, 83, 84, 85, 86, 87	
1227	Kuhn, Robert E.	June 5, 80	As owner.	Shelby.			1882, 83, 84, 85, 86, 87	Forfeited.
1256	Kirk, A. M.	June 4, 80	"	Tipton.		Sept. 27, 83	1882, 83, 84, 85, 86, 87	Superseded by 3216.
1223	Kennedy, Jas. A.	June 22, 80	"	Cedar Rapids.			1882, 83, 84, 85, 86, 87	
1380	Keeler, Wm. H.	July 15, 80	As assistant.	Des Moines.			1882, 83	Forfeited.
1407	Kinney, David F.	July 7, 80	As owner.	Mapleton.			1882, 83	Retired; forfeited.
1422	Knight, Frank B.	July 12, 80	As assistant.	Sac City.			1882, 83, 84, 85, 86, 87	
1529	Kenyon, T. F.	July 24, 80	As owner.	Jesup.			1882, 83, 84, 85, 86, 87	
1534	Kuen, Felix F.	July 26, 80	"	Carroll City.			1882, 83	Forfeited.
1590	Kirkpatrick, T. N.	June 19, 80	"	Marne.	Brayton.	June 22, 82	1882, 83	Forfeited.
1708	Keese, John.	Aug. 16, 80	By examinat'n	Chariton.	Creston.	Mar. 16, 87	1882, 83, 84, 85, 86, 87	
1754	Kern, J. W.	Sept. 20, 80	As owner.	Hamburg.			1882, 83, 84, 85, 86, 87	Forfeited.
1758	Knaul, Rudolph.	Aug. 12, 80	By examinat'n	Denison.			1882, 83, 84, 85, 86, 87	
1800	Krohe, J. T.	Sept. 10, 80	"	Muscatine.			1882, 83, 84, 85, 86, 87	
1809	Kruskopf, Ernst.	Oct. 16, 80	Graduate.	Keokuk.			1882, 83, 84, 85, 86, 87	
1819	Knowles, Hollis S.	Oct. 29, 80	As owner.	Avoca.			1882, 83, 84, 85	Canceled by request.
1836	Kenyon, T. S.	Sept. 9, 80	By examinat'n	Grundy Center.			1882, 83, 84, 85, 86, 87	
1879	Kennedy, J. F.	Oct. 2, 80	"	Waukon.			1882, 83, 84, 85, 86, 87	
1885	Kirby, E. B.	Oct. 4, 80	"	Allerton.			1882, 83, 84, 85, 86, 87	Left the country.
1892	Kelley, S. H.	Aug. 10, 80	"	Council Bluffs.			1882, 83, 84, 85, 86, 87	
1911	Knowles, Seth.	Sept. 9, 80	"	Searsboro.	What Cheer.		1882, 83, 84, 85, 86, 87	Delinquent 3 years.
1916	Kelley, Franklin E.	July 27, 80	"	Carlisle.			1882, 83, 84, 85, 86, 87	In Nebraska.
1921	Knapp, C. D.	Sept. 6, 80	"	Greenfield.			1882, 83, 84, 85, 86, 87	
1973	Keables, H. S.	Jan. 12, 81	As principal.	Pella.			1882, 83, 84, 85, 86, 87	
1979	Knox, Eugene M.	Dec. 8, 80	By examinat'n	Audubon.	Battle Creek.	Oct. 10, 82	1882, 83, 84, 85, 86, 87	In Nebraska.
1995	Kelleher, Thos. F.	Jan. 11, 81	"	Bevington.			1883, 84, 85, 86, 87	
2038	King, E. H.	April 11, 81	As owner.	Citon.	Des Moines.	Dec. 30, 85	1882, 83, 84, 85, 86, 87	
2063	Kaufman, Edward J.	Mar. 22, 81	By examinat'n	Waverly.			1882, 83, 84, 85, 86, 87	
2067	Keeling, Jas. H.	Jan. 13, 81	"	Steamboat Rock.	Emmetsburg.	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Delinquent 2 years.
2068	Keiter, Louis M.	Jan. 18, 81	"	Grundy Center.			1882, 83, 84, 85, 86, 87	
2109	Kitchen, Carl.	April 25, 81	As assistant.	Vandalla.			1882, 83, 84, 85, 86, 87	Forfeited.
2114	King, C. M.	April 16, 81	As owner.	West Chester.			1882, 83, 84, 85, 86, 87	Forfeited.
2185	King, Albert E.	June 15, 81	By examinat'n	Redding.			1882, 83, 84, 85, 86, 87	
2167	Kuenzel, Herman C.	July 9, 81	"	Garnaville.			1882, 83, 84, 85, 86, 87	
2183	Killingbeck, Wm. J.	Sept. 16, 81	Graduate.	Humboldt.			1882, 83, 84, 85, 86, 87	Forfeited.
2250	Koto, P. O.	Oct. 17, 81	By examinat'n	Forest City.	Cedar Falls.	Mar. 22, 82	1882, 83, 84, 85, 86, 87	
2264	Kessler, Fred C.	Nov. 4, 81	"	Fort Dodge.	Ackley.	Sept. 30, 87	1882, 83, 84, 85, 86, 87	
2288	King, Thos. F.	Dec. 9, 81	"	Lineville.			1882, 83, 84, 85, 86, 87	
2307	Kitch, Jacob S.	Jan. 8, 82	"	Dunreath.			1882	Delinquent 5 years.
2325	Kalb, Jr., Henry E.	Jan. 25, 82	"	Dubuque.			1882, 83, 84, 85, 86, 87	In Minnesota.
2333	Kirk, Chas. B.	Sept. 18, 82	"	Mohone.	Chariton.	May 23, 83	1882, 83, 84, 85, 86, 87	
2383	Keyes, J. N.	Mar. 30, 82	"	Nugent's Grove.	Walker.	Sept. 14, 83	1883, 84, 85, 86, 87	
2418	Kane, Philip.	April 26, 82	"	Oelwien.			1883, 84, 85, 86, 87	
2436	Kneeland, Frank J.	May 27, 82	"					In Minnesota.
2464	Kimball, Frank.	June 2, 82	"	Sioux City.	Conway.	April 2, 83	1883	Canceled by request.
2471	Krebs, Jacob.	June 22, 82	"	Bristow.	Hampton.	Oct. 12, 86	1883, 84, 85, 86, 87	
2482	Keating, Patrick.	June 19, 82	"	What Cheer.			1883, 84	Canceled by request.
2515	Knapp, Chas. J.	Sept. 18, 82	"	Dubuque.	Waterloo.	Feb. 15, 83	1883, 84, 85, 86, 87	
2547	Kearby, E. W.	Oct. 31, 82	"	Elkhart.			1883, 84, 85, 86, 87	
2595	Keeler, Chas. E.	Mar. 21, 83	"	Lake Mills.			1883, 84, 85, 86, 87	
2599	Karlson, Vollrath.	Feb. 13, 83	Graduate.	Burlington.			1884, 85, 86, 87	Forfeited.
2626	Kettlewell, Geo. W.	April 30, 83	By examinat'n	Iowa City.			1884, 85	In California.
2637	Kimmell, B. G.	May 31, 83	"	Winfield.			1884, 85, 86, 87	
2653	Kearville, Wm.	June 26, 83	"	Centerville.	Minden.	May 25, 86	1884, 85, 86, 87	
2677	Kidder, Rush E.	Aug. 11, 83	"	Montana.	Imogene.	Oct. 9, 86	1884, 85, 86, 87	
2692	Kolvoord, Jno.	Oct. 22, 83	"	Orange City.			1884, 85, 86, 87	
2736	Kelley, Geo.	Aug. 8, 84	"	Rockford.			1885	Delinquent 4 years.
2777	King, E. H.	July 1, 84	"	West Liberty.			1885, 86, 87	In Minnesota.
2790	Kelley, W. T.	Aug. 1, 84	"	Leon.			1885, 86, 87	



## ABSTRACT—CONTINUED.

40

STATE PHARMACY REGISTER.

[3]

[38.]

STATE PHARMACY REGISTER.

41

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
2809	Knowles, J.	Oct. 7, 84	By examinat'n	Logan			1885, 86, 87	
2822	Kimney, O. S.	Dec. 30, 84	"	Council Bluffs.			1885, 86, 87	
2823	Knecht, Allen	Sept. 16, 84	"	Van Horne	Red Oak	May 6, 87	1885, 86, 87	
2843	Kubec, Fred	Mar. 6, 85	"	Riverside			1885, 86, 87	
2864	Kilchmann, J. Theo.	April 27, 85	"	Des Moines	Muscatine	Jan. 24, 87	1886, 87	Delinquent 1 year.
2888	Kenyon, W. C.	June 2, 85	"	Mt. Union			1886, 87	
2902	Kelley, J. B.	July 10, 85	"	Bondurant	St. Charles	Aug. 29, 85	1886, 87	
2931	Kinsey, Carroll B.	Oct. 6, 85	"	Marshalltown			1886, 87	
2987	Kneist, Frank V.	Mar. 2, 86	"	Carroll	Charter Oak	Oct. 10, 87	1886, 87	
2992	Kingsbury, Howard	April 3, 85	As graduate	Burlington			1887	
3013	Kitchen, J. L.	June 1, 86	By examinat'n	Kalo	(For Kalo only)		1887	
3017	Krueger, Owen W.	June 24, 86	As graduate	Davenport			1887	Delinquent 1 year.
3055	Kick, Fred.	Aug. 3, 86	By examinat'n	Marengo	Centerville	May 24, 87	1887	
3060	Kendall, J. P.	Aug. 17, 86	"	Bassett			1887	
3088	Kiedatsch, J. F. Fred.	Oct. 12, 86	As graduate	Keokuk			1887	
3114	Klaer (von H.), H. J.	Mar. 12, 87	"	Dubuque			1887	
3144	Koos, Lars Peter	Mar. 1, 87	By examinat'n	Des Moines			1887	
3145	Kriebs, Geo.	Mar. 1, 87	"	Elkport			1887	
3199	Klopp, J. J.	May 10, 87	"	Estherville			1887	
3216	Kirk, A. M.	April 7, 87	"	Cedar Rapids				
3277	Karterman, M. R.	July 11, 87	"	Ida Grove				
3323	Kullheffer, J. F.	Sept. 20, 87	"	Hull				
7	Lout, C. B.	June 7, 80	"	Delaware			1882, 83, 84, 85, 86, 87	
39	Lewis, S. W.	June 4, 80	As owner	Wellman	Noble	Mar. 20, 85	1882, 83, 84, 85, 86, 87	Forfeited.
79	Loyd, Levi	June 11, 80	"	Stiles	Van Wert	Oct. 31, 82	1882, 83, 84, 85, 86, 87	Forfeited.
160	Long, G. F.	June 16, 80	As assistant	Perry			1882, 83, 84, 85, 86, 87	
190	Lewis, Wm.	June 21, 80	As owner	Quasqueton			1882, 83, 84, 85, 86, 87	
213	Lewis, Julius M.	June 21, 80	"	Kandalla			1882, 83, 84, 85, 86, 87	
226	La-Nicca, Mart. J. G.	June 8, 80	"	Dubuque			1882, 83, 84, 85, 86, 87	Forfeited.
261	Leenhart, Franklin	June 9, 80	"	Alden			1882, 83, 84, 85, 86, 87	Forfeited.
316	Leenhart, C. K.	June 8, 80	"	Brush Creek	Volga City	Aug. 3, 85	1882, 83, 84, 85, 86, 87	Forfeited.
356	Loomis, Samuel L.	June 14, 80	"	Casey			1882, 83, 84, 85, 86, 87	Delinquent 2 years.
357	Lull, Albert M.	June 5, 80	"	Coburn			1882, 83, 84, 85, 86, 87	Retired; forfeited.
358	Lauterman, G. C.	June 9, 80	As assistant	Cedar Rapids			1882, 83, 84, 85, 86, 87	Superseded by 2005.
359	Lymer, R. H.	June 7, 80	As principal	College Springs			1882, 83, 84, 85, 86, 87	Forfeited.
379	Loy, Jr., Jacob	June 3, 80	As owner	Clarinda	Coto	Mar. 25, 82	1882, 83, 84, 85, 86, 87	Forfeited.
448	Lerchen, Herman	June 8, 80	As assistant	Davenport			1882, 83, 84, 85, 86, 87	Superseded by 2788.
499	Louthan, Jno. M.	June 19, 80	"	Dow City	Sutherland	Feb. 21, 83	1882, 83, 84, 85, 86, 87	Superseded by 3056.
509	Laffer, Emanuel	June 12, 80	As owner	Sigourney			1882, 83, 84, 85, 86, 87	
520	Little, M. A.	June 7, 80	"	Antia			1882, 83, 84, 85, 86, 87	Left town; forfeited.
534	Little, Clem B.	June 26, 80	"	Antia			1882, 83, 84, 85, 86, 87	Superseded by 2430.
536	Livermore, Chas. A.	June 24, 80	"	Cascade			1882, 83, 84, 85, 86, 87	
545	Landen, Chas.	June 8, 80	As principal	Essex			1882, 83, 84, 85, 86, 87	Retired; forfeited.
546	Landen, David	June 8, 80	As owner	Essex			1882, 83, 84, 85, 86, 87	Retired; forfeited.
566	Larkin, E. J.	June 8, 80	As assistant	Emmetsburg			1882, 83, 84, 85, 86, 87	Retired; forfeited.
596	Lamb, Wm. M.	June 4, 80	"	Hickwood			1882, 83, 84, 85, 86, 87	Retired; forfeited.
602	Lambertson, Wm. T.	June 15, 80	As owner	Glidden			1882, 83, 84, 85, 86, 87	Out of bus's, for'd.
611	Leon, Albert D.	June 7, 80	"	Guthrie Center			1882, 83, 84, 85, 86, 87	Superseded by 3306.
720	Livingston, Hugh	June 3, 80	"	Hopkinton			1883, 83, 84, 85, 86, 87	
732	Lichty, Norman	June 26, 80	"	Des Moines			1882, 83, 84, 85, 86, 87	
765	Lovejoy, J. H.	June 9, 80	"	Lawler			1882, 83, 84, 85, 86, 87	Sold out; forfeited.
832	Lyon, Smith	June 4, 80	"	Mt. Pleasant			1882, 83, 84, 85, 86, 87	
847	Landis, S. L.	June 17, 80	"	Murray			1882, 83, 84, 85, 86, 87	
849	Landon, L. W.	June 3, 80	As assistant	Murray	Weldon	April 5, 86	1882, 83, 84, 85, 86, 87	Forfeited.
865	Lawrence, W. E.	June 10, 80	As owner	Masonville			1882, 83, 84, 85, 86, 87	Out of bus's, for'd.
884	Lockwood, Jno. D.	June 14, 80	As assistant	Mapleton			1882, 83, 84, 85, 86, 87	
920	Lillis, L. M.	June 29, 80	"	Dubuque	Marion	Mar. 30, 87	1882, 83, 84, 85, 86, 87	
919	Little, Chas.	June 10, 80	As owner	New Albin	Lamont	July 19, 87	1882, 83, 84, 85, 86, 87	
1027	Lezott, Chas. H.	June 18, 80	As principal	Osage	Ottumwa	April 13, 87	1882, 83, 84, 85, 86, 87	
1051	Litchfield, A. N.	June 4, 80	As owner	Pleasantville			1882, 83, 84, 85, 86, 87	
1094	Lewis, Archie J.	June 9, 80	"	Red Oak			1882, 83, 84, 85, 86, 87	
1120	Littleton, Clarence A.	July 8, 80	As assistant	Charlton			1882, 83, 84, 85, 86, 87	Forfeited.
1158	Lander, Chas. J.	July 6, 80	As owner	Marshalltown			1882, 83, 84, 85, 86, 87	
1207	Ladd, Samuel H.	June 21, 80	"	Sheldon			1882, 83, 84, 85, 86, 87	Forfeited.
1210	Lawrence Wm. R.	June 26, 80	"	Sibley			1882, 83, 84, 85, 86, 87	
1236	LeRoy, Henry C.	June 4, 80	"	Stuart	Des Moines	Jan. 30, 86	1882, 83, 84, 85, 86, 87	
1237	LeRoy, Minnie	June 4, 80	As assistant	Stuart			1882, 83, 84, 85, 86, 87	Retired; forfeited.
1243	Lasche, Otto F.	June 8, 80	"	Sioux City			1882, 83, 84, 85, 86, 87	Forfeited.
1255	Ludden, Clarence P.	June 4, 80	"	Tipton	Prairie City	May 5, 86	1882, 83, 84, 85, 86, 87	Forfeited.
1275	Leland, Wm. L.	June 4, 80	As owner	Vail	Calliope	May 18, 83	1882, 83, 84, 85, 86, 87	Superseded by 3123.
1306	Lee, Frank A.	June 30, 80	"	Waverley			1882, 83, 84, 85, 86, 87	Superseded by 1978.
1320	Lindley, Bayard B.	June 28, 80	"	Winfield			1882, 83, 84, 85, 86, 87	
1368	Lang, James A.	June 28, 80	"	Wadena			1882, 83, 84, 85, 86, 87	Retired. Forfeited.
1385	LaForce, D. A.	July 13, 80	"	Agency City			1882, 83, 84, 85, 86, 87	
1381	Lonsdale, James	July 8, 80	"	Dale City	Glendon	July 9, 82	1882, 83, 84, 85, 86, 87	Forfeited.
1386	Loucks, R. H.	July 12, 80	"	Danbury			1882, 83, 84, 85, 86, 87	
1423	Lamoureux, R. H.	July 12, 80	"	Sac City			1882, 83, 84, 85, 86, 87	
1473	Lewis, Edward H.	July 20, 80	As assistant	Sioux City			1882, 83, 84, 85, 86, 87	
1508	Lewis, M. B.	July 22, 80	As owner	Dow City			1882, 83, 84, 85, 86, 87	Out of bus. Forf'd.
1564	Lewis, C. H.	July 31, 80	As assistant	Des Moines			1882, 83, 84, 85, 86, 87	Superseded by 2912.
1589	Leonard, Ralph	Aug. 9, 80	As owner	Eagle City			1882, 83, 84, 85, 86, 87	Left town. Forf'd.
1619	Lester, G. B.	Aug. 24, 80	"	Hillsboro			1882, 83, 84, 85, 86, 87	Forfeited.
1655	Longwell, Jesse	Aug. 31, 80	As principal	Kalona	Wellman	Aug. 31, 86	1882, 83, 84, 85, 86, 87	Superseded by 3293.
1701	Langheim, J. M.	Aug. 7, 80	By examinat'n	Davenport	Charlotte	Mar. 22, 82	1882, 83, 84, 85, 86, 87	
1706	Lundy, W. L.	Aug. 9, 80	"	Coto	Clarinda	Mar. 22, 82	1882, 83, 84, 85, 86, 87	
1718	Loper, John C.	Aug. 30, 80	As assistant	Des Moines			1882, 83, 84, 85, 86, 87	



ABSTRACT—CONTINUED.

42

STATE PHARMACY REGISTER.

[23

1887.]

STATE PHARMACY REGISTER.

48

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
1742	Legg, E. B.	June 14, 80	As owner	Miles	Clinton	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Superseded by 3226.
1746	Lantz, Henry	Sept. 30, 80	"	Colo	"	"	1882, 83, 84, 85, 86, 87	Forfeited.
1792	Lapointiere, E. M.	July 8, 80	By examinat'n	Grand Junction	"	"	1882, 83, 84, 85, 86, 87	Forfeited. See 3120.
1822	Loar, David W.	Nov. 1, 80	As assistant	Monroe	"	"	1882, 83, 84, 85, 86, 87	Out of the State.
1891	Lund, Gustav	July 28, 80	By examinat'n	Davenport	"	"	1882, 83, 84, 85, 86, 87	Out of business.
1899	Lovejoy, D. S.	July 30, 80	"	Lawler	"	"	1882, 83, 84, 85, 86, 87	Canceled by request.
1931	Lillie, C. W.	Nov. 13, 80	"	Davis City	"	"	1882, 83, 84, 85, 86, 87	"
1954	Lowry, J. J.	Jan. 3, 81	As owner	Cresco	"	"	1882, 83, 84, 85, 86, 87	"
1968	Lee, Francis	June 7, 80	"	Clinton	"	"	1882, 83, 84, 85, 86, 87	"
1973	Lass, D. G.	Feb. 16, 81	As assistant	Marble Rock	"	"	1882, 83, 84, 85, 86, 87	"
1978	Lee, Frank A.	Dec. 6, 80	By examinat'n	Waverly	Des Moines	Feb. 9, 85	1882, 83, 84, 85, 86, 87	Superseded by 2218.
2005	Lauterman, G. C.	Dec. 29, 80	"	Cedar Rapids	"	"	1882, 83, 84, 85, 86, 87	Out of business.
2010	Loper, James H.	Feb. 7, 81	"	Des Moines	"	"	1882, 83, 84, 85, 86, 87	In Nebraska.
2012	Lewis, Charles H.	Jan. 19, 81	"	Des Moines	"	"	1882, 83, 84, 85, 86, 87	"
2034	Lord, R. T. C.	April 2, 81	As principal	Des Moines	"	"	1882, 83, 84, 85, 86, 87	"
2053	Latter, Alexander	Mar. 28, 81	By examinat'n	Iowa Falls	Newell	April 4, 83	1882, 83, 84, 85, 86, 87	Forfeited.
2074	Loane, William J.	April 25, 81	"	Muscatine	"	"	1882, 83, 84, 85, 86, 87	Canceled by request.
2102	Lee, A. J.	Feb. 16, 81	"	Muscatine	"	"	1882, 83, 84, 85, 86, 87	In Illinois.
2130	Layton, H. R.	May 25, 81	"	Leon	Des Moines	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Out of business.
2154	Lewis, W. C.	June 24, 81	"	Clermont	"	"	1882, 83, 84, 85, 86, 87	"
2181	Lax, Frederick	July 8, 81	"	Colo	"	"	1882, 83, 84, 85, 86, 87	"
2184	Lyberg, C. A. Edward	Sept. 20, 81	Graduate	Fort Madison	Burlington	Oct. 15, 85	1882, 83, 84, 85, 86, 87	Forfeited.
2200	Lawrence, L. C.	Sept. 10, 81	By examinat'n	Braddyville	"	"	1882, 83, 84, 85, 86, 87	"
2210	Leuse, E. W.	Sept. 26, 81	"	Mapleton	"	"	1882, 83, 84, 85, 86, 87	"
2218	Lass, D. G.	Sept. 22, 81	"	Webster City	"	"	1882, 83, 84, 85, 86, 87	Left the town.
2230	Lenon, P. H.	Oct. 31, 81	"	Guthrie Center	Andubon	Mar. 24, 84	1882, 83, 84, 85, 86, 87	"
2263	Leach, M. V.	Jan. 1, 82	"	Promise City	"	"	1882, 83, 84, 85, 86, 87	Out of business.
2344	Leonard, Asa	Feb. 13, 82	"	Waverly	"	"	1882, 83, 84, 85, 86, 87	Out of business.
2350	Lindley, E. M.	Feb. 22, 82	"	Thornburg	"	"	1882, 83, 84, 85, 86, 87	Came to Omaha.
2316	Lynch, L. J.	Dec. 19, 81	"	Villisca	"	"	1882, 83, 84, 85, 86, 87	Left the town.
2321	Little, M. A.	April 4, 82	"	Antia	Estherville	Oct. 16, 82	1882, 83, 84, 85, 86, 87	"
2420	Little, C. B.	May 22, 82	"	Antia	"	"	1882, 83, 84, 85, 86, 87	"
2460	La Grange, Theodore	May 25, 82	"	Marion	Rheinville	April 7, 83	1882, 83, 84, 85, 86, 87	Out of business.
2475	Loose, A. B.	June 9, 82	"	Lake City	"	"	1882, 83, 84, 85, 86, 87	"
2477	Loyd, Josiah C.	June 24, 82	"	Wirt	"	"	1882, 83, 84, 85, 86, 87	"
2507	Law, William	Aug. 2, 82	"	Liberty Center	"	"	1882, 83, 84, 85, 86, 87	In Dakota.
2510	Lyman, I. C. W.	Aug. 5, 82	"	Ft. Madison	"	"	1882, 83, 84, 85, 86, 87	In Missouri.
2530	Laney, W. J.	Sept. 6, 82	"	Decatur	Davis City	Mar. 12, 87	1882, 83, 84, 85, 86, 87	"
2532	Loose, D. N.	Sept. 14, 82	"	Maquoketa	"	"	1882, 83, 84, 85, 86, 87	"
2536	Leason, J. A.	Sept. 30, 82	"	Molingona	"	"	1882, 83, 84, 85, 86, 87	Delinquent 5 years.
2538	Long, J. W.	Sept. 3, 82	"	Centerville	"	"	1882, 83, 84, 85, 86, 87	Delinquent 4 years.
2550	Leech, Louis J.	Dec. 19, 82	"	West Branch	Molingona	Feb. 7, 85	1882, 83, 84, 85, 86, 87	"
2576	Lyon, John H.	Feb. 20, 83	"	Molingona	Emmetsburg	Mar. 25, 87	1882, 83, 84, 85, 86, 87	"
2612	Leech, John W.	April 17, 83	"	New Market	"	"	1882, 83, 84, 85, 86, 87	"
2630	Lawrence, Walter	April 26, 83	"	Ippey	"	"	1882, 83, 84, 85, 86, 87	In Wyoming.
2641	Lawrence, Edward	May 22, 83	"	Osceola	"	"	1882, 83, 84, 85, 86, 87	"
2652	Larkin, E. J.	Sept. 4, 83	"	Emmetsburg	"	"	1882, 83, 84, 85, 86, 87	Delinquent 3 years.
2678	Landon, O. M.	Aug. 8, 83	"	Lawler	"	"	1882, 83, 84, 85, 86, 87	"
2678	Long, J. M.	Aug. 18, 83	"	Primghar	"	"	1882, 83, 84, 85, 86, 87	"
2757	Louis, Henry	May 26, 84	"	Iowa City	Iowa City	Feb. 12, 86	1882, 83, 84, 85, 86, 87	Delinquent 2 years.
2769	Lowry, George W.	June 6, 84	As graduate	Cedar Falls	"	"	1882, 83, 84, 85, 86, 87	"
2776	Lamberson, W. B.	June 30, 84	By examinat'n	Columbus Junction	"	"	1882, 83, 84, 85, 86, 87	"
2786	Lerchen, Herman	May 15, 84	As graduate	Davenport	"	"	1882, 83, 84, 85, 86, 87	Canceled by request.
2797	Lacy, George	Sept. 2, 84	By examinat'n	Luverne	"	"	1882, 83, 84, 85, 86, 87	"
2821	Legel, Jno. G.	Dec. 16, 84	"	Charles City	"	"	1882, 83, 84, 85, 86, 87	"
2858	Land, Amos A.	April 8, 85	"	Sheldahl	Slater	Sept. 7, 87	1882, 83, 84, 85, 86, 87	"
2871	Lewis, Roland	April 21, 85	"	Nevada	"	"	1882, 83, 84, 85, 86, 87	"
2901	Lawrence, Harry	July 7, 85	"	Osceola	Lucas	April 14, 86	1882, 83, 84, 85, 86, 87	"
2906	Lenoecker, A. A.	July 23, 85	"	Des Moines	Oakland	Jan. 18, 89	1882, 83, 84, 85, 86, 87	"
2925	Longneckard, Albert	Sept. 15, 85	"	Independence	"	"	1882, 83, 84, 85, 86, 87	"
2978	La Force, W. B.	Feb. 9, 86	"	Agency City	Ottumwa	April 13, 87	1882, 83, 84, 85, 86, 87	"
2989	Lawrence, Ezra C.	Mar. 4, 86	"	Waterloo	University Place	Oct. 27, 87	1882, 83, 84, 85, 86, 87	"
3029	Life, Henry	June 15, 86	"	Traer	"	"	1882, 83, 84, 85, 86, 87	"
3066	Louthan, J. M.	July 20, 86	"	Sutherland	"	"	1882, 83, 84, 85, 86, 87	"
3099	Lee, J. Allison	Oct. 16, 86	"	Lone Tree	"	"	1882, 83, 84, 85, 86, 87	"
3120	Loar, D. W.	Jan. 13, 87	"	Monroe	"	"	1882, 83, 84, 85, 86, 87	"
3123	Leland, W. L.	Feb. 1, 87	"	Hawarden	"	"	1882, 83, 84, 85, 86, 87	"
3194	Landis, Jesse E.	Feb. 12, 87	"	Murray	"	"	1882, 83, 84, 85, 86, 87	"
3196	Ley, Wm. N.	April 5, 87	"	Burlington	"	"	1882, 83, 84, 85, 86, 87	"
3226	Legg, E. B.	April 5, 87	"	Clinton	"	"	1882, 83, 84, 85, 86, 87	"
3233	Lakin, A. M.	May 2, 87	"	Yale	(For Yale only)	"	1882, 83, 84, 85, 86, 87	"
3238	Landon, Judd E.	June 7, 87	"	Lawler	"	"	1882, 83, 84, 85, 86, 87	"
3293	Longwell, Jesse	Aug. 16, 87	"	Wellman	"	"	1882, 83, 84, 85, 86, 87	"
3298	La Grange, O. D.	Aug. 5, 87	"	Garrison	"	"	1882, 83, 84, 85, 86, 87	"
3306	Lemmon, A. D.	Sept. 1, 87	"	Guthrie Center	"	"	1882, 83, 84, 85, 86, 87	"
42	Mills, Milton F.	June 5, 80	As assistant	Des Moines	"	"	1882, 83, 84, 85, 86, 87	Left town; forfeited.
54	McCullough, C. H.	June 7, 80	As owner	Abingdon	"	"	1882, 83, 84, 85, 86, 87	Dead.
67	Moorhead, J.	June 8, 80	"	Ely	"	"	1882, 83, 84, 85, 86, 87	Superseded by 3269.
44	McKay, B. A.	June 3, 80	"	Nelson	Missouri Valley	"	1882, 83, 84, 85, 86, 87	Superseded by 3127.
69	McKinnis, Chas.	June 4, 80	"	Ioka	Ollie	Oct. 10, 83	1882, 83, 84, 85, 86, 87	Superseded by 3170.
70	Merritt, S. J.	June 8, 80	"	Battle Creek	"	"	1882, 83, 84, 85, 86, 87	Dead.
81	Morgan, D. C.	June 10, 80	As principal	Exline	Centerville	April 12, 83	1882, 83, 84, 85, 86, 87	Forfeited.
82	McCandless, A. B.	June 11, 80	As owner	Columbus City	Cedar Rapids	May 19, 86	1882, 83, 84, 85, 86, 87	"
83	McCandless, Harry A.	June 11, 80	As assistant	Columbus City	Walker	Dec. 26, 84	1882, 83, 84, 85, 86, 87	Forfeited.
96	McKiterick, S. C.	June 9, 80	As owner	Randolph	"	"	1882, 83, 84, 85, 86, 87	Forfeited.



ABSTRACT—CONTINUED.

44

STATE PHARMACY REGISTER.

[23

[187]

STATE PHARMACY REGISTER.

45

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
110	Mallory, E. H.	June 10, 80	As assistant...	Harvey's Mills...	Linden	Mar. 22, 82	1882, 83, —, —	Forfeited.
120	Miller, H. D.	June 14, 80	As owner	Grand Mound			1882, 83, 84, 85, 86, 87	
134	McClure, T. G.	June 4, 80	"	Doud's Station			1882, 83, 84, —, —	Forfeited.
147	Moore, John B.	June 14, 80	"	Emerson			1882, 83, 84, 85, 86, 87	
151	McColm, J. T.	June 7, 80	"	Holt			1882, 83, 84, 85, 86, 87	
161	Mitchell, W. H.	June 15, 80	"	Belmond			1882, 83, 84, 85, 86, 87	Superseded by 2318.
169	Mullan, M. F.	June 4, 80	"	Pomeroy			1882, 83, 84, 85, 86, 87	
171	Muchmore, B. P.	June 7, 80	"	Brandon			1882, 83, 84, 85, 86, 87	Dead.
176	McGuire, J. G.	June 4, 80	"	Anamosa			1882, 83, 84, 85, 86, 87	
181	Marsh, Leonard	June 22, 80	"	Irving			1882, 83, 84, 85, 86, 87	
188	McKenzie, H. M.	June 19, 80	"	Elwood			1882, 83, 84, 85, 86, 87	
189	McKenzie, Emma M.	June 19, 80	As assistant...	Elwood			1882, 83, 84, 85, 86, 87	
196	McBride, Israel	June 12, 80	As owner	Webster			1882, 83, 84, 85, 86, 87	
234	Moore, John	June 5, 80	"	Drakeville			1882, —, —, —, —	Left town; forfeited.
243	Miller, J. M.	June 17, 80	As principal	Albia			1882, 83, 84, —, —	Sold out; forfeited.
258	Melcher, Christian A.	June 4, 80	As assistant...	Grissold	Atlantic	April 28, 82	1882, 83, 84, 85, 86, —	Forfeited.
270	Moncrief, Chas. S.	June 4, 80	"	Atlantic			1882, 83, 84, 85, 86, 87	Superseded by 1917.
271	Moncrief, Alex. S.	June 4, 80	As owner	Atlantic			1882, 83, 84, 85, 86, 87	Sold out; forfeited.
274	Mausfield, F. M.	June 4, 80	As assistant...	Shell Rock			1882, 83, 84, 85, 86, 87	Forfeited.
278	Morrison, J. C.	June 10, 80	As owner	Albia			1882, 83, 84, 85, 86, 87	
279	Morrison, Ella A.	June 10, 80	As assistant...	Albia			1882, 83, 84, 85, 86, 87	
282	Major, E. E.	June 3, 80	As owner	Anita			1882, 83, 84, 85, 86, 87	
283	Montgomery, G. S.	June 7, 80	"	Atlantic			1882, 83, 84, 85, 86, 87	Forfeited.
285	Mitchell, John H.	July 17, 80	"	Bloomfield			1882, 83, 84, 85, 86, 87	
286	Mitchell, Thomas G.	July 17, 82	"	Bloomfield			1882, 83, 84, 85, 86, 87	
287	Mitchell, William S.	June 17, 82	"	Bloomfield			1882, 83, 84, 85, —, —	Forfeited.
296	Magood, D. E.	June 4, 80	"	Belle Plaine			1882, 83, 84, 85, 86, 87	
300	McAhran, W. H.	June 5, 80	As assistant...	Bloomfield			1882, 83, 84, 85, 86, 87	Dead.
350	McKune, A. B.	June 8, 80	As owner	Council Bluffs			1882, 83, —, —, —, —	Dead.
363	Majer, Oscar	June 9, 80	"	Clinton			1882, 83, 84, 85, 86, 87	
365	McCreary, Wm. M.	June 4, 80	"	Centerville			1882, 83, 84, 85, 86, 87	
366	Murphy, B. F.	June 1, 80	"	Chariton			1882, 83, 84, 85, 86, 87	Forfeited.
367	Maulaby, Ellis P.	June 7, 80	As assistant...	Casey			1882, 83, 84, 85, 86, 87	
368	Mulligan, John W.	June 8, 80	As owner	Corning			1882, 83, 84, 85, 86, 87	Superseded by 2369.
369	McIrvin, Wm. C.	June 14, 80	As principal	Clarinda			1882, —, —, —, —	Forfeited.
371	Nyers, B. T.	June 15, 80	As owner	Charlotte			1882, —, —, —, —	Retired; forfeited.
372	Morgan, Frank	June 15, 80	"	Cedar Falls			1882, 83, —, —, —, —	Out of business; forfeited.
417	Mitchell, Wm. F.	June 12, 80	As owner	Des Moines			1882, 83, 84, 85, —, —	Sold out; forfeited.
423	Moditt, Rev. F.	June 1, 80	As assistant...	Puque			1882, 83, 84, 85, 86, 87	Forfeited.
434	Mickley, E. G. F.	June 14, 80	"	Davenport			1882, 83, 84, 85, 86, 87	Superseded by 2294.
448	Moss, Frank J.	June 9, 80	"	Davenport			1882, 83, 84, 85, 86, 87	
467	Nanning, A. L.	June 3, 80	As owner	Dunlap			1882, 83, 84, 85, 86, 87	Sold out; forfeited.
472	Mason, James	June 4, 80	"	Davenport			1882, 83, 84, 85, 86, 87	Sold out; forfeited.
483	Marrin, Rosamond	June 25, 80	"	Dysart			1882, 83, 84, 85, 86, 87	
523	McLaughlin, J. B.	June 22, 80	As assistant...	Delmar			1882, 83, 84, 85, 86, 87	Forfeited.
535	Meisner, Amilius	June 28, 80	As owner	Davenport			1882, 83, 84, 85, 86, 87	
540	Mills, John M.	June 14, 80	"	Des Moines			1882, —, —, —, —	Left town; forfeited.
542	Mifflin, Charles W.	June 28, 80	"	Cedar Rapids			1882, —, —, —, —	Forfeited.
558	McMannus, James N.	June 11, 80	As principal	Eddyville			1882, —, —, —, —	Dead.
570	McMannus, Dinah W.	June 11, 80	As owner	Eddyville			1882, —, —, —, —	Forfeited.
578	Modern, W. C.	June 7, 80	"	Fulton			1882, 83, 84, 85, 86, 87	
580	McConnell, F. A.	June 15, 80	As assistant...	Fort Dodge			1882, —, —, —, —	Forfeited.
590	Morgan, B. W.	June 11, 80	"	Fort Dodge	Des Moines	Mar. 5, 83	1882, 83, —, —, —, —	Forfeited.
591	Morgan, Isaac G.	June 11, 80	As owner	Fort Dodge			1882, 83, —, —, —, —	Forfeited.
604	McJullough, M. J.	June 17, 80	"	Menlo			1882, 83, 84, 85, 86, 87	
605	McJusky, M. H.	June 19, 80	"	Glenwood			1882, 83, 84, 85, 86, 87	
638	M. nn, James	June 7, 80	"	Hamburg			1882, 83, 84, 85, 86, 87	
672	More, Charles W.	June 21, 80	"	Janesville			1882, 83, 84, 85, —, —	Superseded by 2313.
693	McGrath, Thomas J.	June 7, 80	As assistant...	Keokuk			1882, 83, 84, 85, 86, 87	
699	McFarlane, Daniel	June 17, 80	As principal	Keota			1882, 83, 84, 85, 86, 87	
701	McConaughy, S. D.	June 17, 80	As assistant...	Keota			1882, 83, 84, 85, 86, 87	Forfeited.
702	Morton, John N.	June 12, 80	As principal	Keosauqua			1882, 83, 84, 85, 86, 87	
703	McBeth, William	June 12, 80	As assistant...	Keosauqua			1882, 83, 84, 85, 86, 87	
709	Moir, Alexander	June 28, 80	As owner	Britt			1882, 83, 84, 85, 86, 87	Delinquent 1 year.
715	Montgomery, J. H.	June 28, 80	"	Decorah			1882, 83, 84, 85, 86, 87	
716	Montgomery, M. H.	June 28, 80	"	Decorah			1882, 83, 84, 85, 86, 87	
742	McVay, Josiah D.	June 21, 80	"	Lake City			1882, 83, 84, —, —, —	Forfeited.
753	Markley, George H.	June 9, 80	"	Lansing			1882, 83, 84, 85, 86, 87	
761	Mauz, C. S. L.	June 4, 80	As assistant...	Lyon			1882, 83, 84, 85, 86, 87	Superseded by 2375.
766	McKeever, M. B.	June 4, 80	As owner	Prairie City			1882, 83, 84, 85, —, —	Delinquent 2 years.
802	McNay, J. S.	June 4, 80	"	Greenfield			1882, —, —, —, —	Forfeited.
803	Morrow, J. B.	June 4, 80	"	Greenfield			1882, —, —, —, —	Forfeited.
804	Mouttain, N. W.	June 29, 80	"	Lettsville			1882, —, —, —, —	Sold out; forfeited.
809	McGirr, Carrie J.	June 15, 80	As assistant...	Osceola			1882, —, —, —, —	Forfeited.
813	McKachan, John	June 30, 80	As owner	Marietta			1882, 83, 84, 85, —, —	Forfeited.
828	Marsh, William F.	June 3, 80	As assistant...	Mt. Pleasant			1882, 83, 84, 85, 86, —	Canceled by request.
829	Marsh, Charles F.	June 3, 80	"	Mt. Pleasant			1882, —, —, —, —	Forfeited.
830	Marsh, W. S.	June 3, 80	As owner	Mt. Pleasant			1882, 83, 84, 85, 86, —	Canceled by request.
840	Miller, George	June 28, 80	As assistant...	McGregor			1882, —, 84, —, —, —	Forfeited.
856	Miller, C. E.	June 4, 80	As owner	Montezuma	Grinnell	June 30, 83	1882, 83, 84, 85, 86, —	Superseded by 3101.
864	Manderville, F. L.	June 9, 80	"	Missouri Valley			1882, 83, —, —, —, —	Dead.
866	Myers, Joseph V.	June 5, 80	"	Mt. Vernon			1882, 83, 84, 85, 86, 87	Superseded by 2365.
901	Munger, Joseph F.	June 4, 80	"	Malvern			1882, 83, 84, 85, 86, 87	
905	Marlin, G. S.	June 17, 80	"	Maquoketa			1882, 83, 84, 85, 86, 87	
915	Mallory, Dwight	July 2, 80	"	Boonsboro			1882, 83, 84, 85, 86, 87	
916	Mallory, Adela	July 2, 80	As assistant...	Boonsboro			1882, 83, 84, 85, 86, 87	
922	Moerschel, Wm	July 3, 80	"	Amana			1882, 83, 84, 85, 86, 87	



# ABSTRACT—CONTINUED.

46

STATE PHARMACY REGISTER.

[187]

STATE PHARMACY REGISTER.

47

Number of certificates.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
939	Morrison, O. J.	June 9, 80	As owner	Nashua			1882, 83, 84, 85, 86, 87	Forfeited.
941	McMullen, F. A.	June 9, 80	"	New Hampton			1882, 83, 84, 85, 86, 87	
944	Maxwell, Jno. H.	July 5, 80	"	Davenport			1882	Dead.
981	Miles, A. H.	July 6, 80	"	Des Moines			1882, 83, 84, 85, 86, 87	
993	Mulford, C. E.	June 4, 80	"	Ottumwa			1882, 83, 84, 85, 86, 87	Forfeited.
1011	Mills, C. J.	June 4, 80	"	Ossian			1882, 83, 84, 85, 86, 87	
1036	Morgan, J. W.	June 3, 80	"	Oskaloosa			1882, 83, 84, 85, 86, 87	
1040	Mays, Will S.	June 11, 80	"	Oskaloosa			1882, 83, 84, 85, 86, 87	Delinquent 2 years. Left town; forfeited.
1050	McNabb, Thos. J.	June 4, 80	"	Panora			1882, 83, 84, 85, 86, 87	
1053	Mearley, D. H.	June 4, 80	"	Pleasant Plain			1882, 83, 84, 85, 86, 87	
1073	Murray, Thos.	June 30, 80	"	Plymouth			1882	Forfeited.
1075	Marletta, J. C.	June 5, 80	"	Palmyra			1882, 83, 84, 85, 86, 87	
1099	Miller, Edson C.	June 4, 80	"	Rockwell			1882, 83, 84, 85, 86, 87	Forfeited. See 2945.
1106	Maxwell, W. J.	July 12, 80	As principal	Ainsworth	Avoca.	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Superseded by 3185.
1122	Miles, Henry F.	June 6, 80	As owner	Charles City			1882, 83, 84, 85, 86, 87	
1124	Miles, Wilber F.	June 6, 80	"	Charles City			1882, 83, 84, 85, 86, 87	
1140	McDermid, Peter.	June 30, 80	"	Fontanelle			1882, 83, 84, 85, 86, 87	
1169	Myers, Snowden.	July 6, 80	As assistant	Springdale			1882, 83, 84, 85, 86, 87	Forfeited.
1191	Miller, F. E.	June 9, 80	As owner	Shenandoah			1882, 83, 84, 85, 86, 87	Sold out. Forfeited.
1192	Mather, Wm.	June 11, 80	"	Springdale			1882, 83, 84, 85, 86, 87	
1193	Mather, Chas. E.	June 12, 80	"	Springdale			1882, 83, 84, 85, 86, 87	
1212	Morrison, J. W.	June 23, 80	"	Spencer			1882, 83, 84, 85, 86, 87	
1214	Moore, Wm. G.	June 23, 80	"	Silver City			1882, 83, 84, 85, 86, 87	In Kansas. Forfeited.
1218	Morton, J. B.	June 23, 80	"	Stamden	Stamden City	Apr. 6, 87	1882, 83, 84, 85, 86, 87	Forfeited.
1244	Machessney, Wm. T.	July 13, 80	"	Salina	Bagley	Oct. 16, 83	1882, 83, 84, 85, 86, 87	Superseded by 3207.
1274	McAhen, Wm. J.	June 4, 80	"	Vail	Denison	April 22, 85	1882, 83, 84, 85, 86, 87	Superseded by 3238.
1290	Mountain, H.	June 21, 80	"	West Liberty	Pacific Junction	July 31, 85	1882, 83, 84, 85, 86, 87	Forfeited.
1298	Mathews, F. M.	June 26, 80	"	Winfield			1882, 83, 84, 85, 86, 87	Removed, forfeited.
1335	Meyer, Henry	June 23, 80	"	Waterloo	Waterloo	May 20, 87	1882, 83, 84, 85, 86, 87	
1350	Miller, C. D.	June 15, 80	"	West Side			1882, 83, 84, 85, 86, 87	Forfeited.
1352	Miller, A. H.	June 6, 80	"	Webster City			1882, 83, 84, 85, 86, 87	
1277	McDermid, Sr. D.	June 7, 80	"	Victor	Victor	Oct. 2, 80	1882, 83, 84, 85, 86, 87	
1278	McDermid, Jr. D.	June 7, 80	"	Victor			1882, 83, 84, 85, 86, 87	Superseded by 2235.
1353	McGrew, J. B.	June 4, 80	"	Wyoming	Spencer	April 2, 83	1882, 83, 84, 85, 86, 87	Forfeited.
1371	Merrill, Chas. H.	July 16, 80	As assistant	Burlington			1882, 83, 84, 85, 86, 87	
1394	Meservrey, S. T.	July 10, 80	As owner	Fort Dodge			1882, 83, 84, 85, 86, 87	Sold out. Forfeited.
1395	McColm, Louis F.	July 13, 80	"	Holt	Gravity	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Forfeited.
1401	Myers, Jacob W.	July 9, 80	As owner	Le Mars			1882, 83, 84, 85, 86, 87	Forfeited.
1409	McBride, Wm. S.	July 13, 80	"	Manchester	Aurelia	Nov. 16, 87	1882, 83, 84, 85, 86, 87	
1411	McNeill, W. F.	July 12, 80	As assistant	Manchester			1882, 83, 84, 85, 86, 87	
1431	Maurel, August	July 19, 80	"	Garnaville			1882, 83, 84, 85, 86, 87	Forfeited.
1434	McCandless, A. W.	July 18, 80	As principal	Columbus City			1882, 83, 84, 85, 86, 87	Forfeited.
1443	McCandless, C. R.	July 18, 80	As owner	Columbus City	Cedar Rapids	Apr. 16, 84	1882, 83, 84, 85, 86, 87	
1464	Miller, Wm. L.	July 20, 80	As assistant	Lacota			1882, 83, 84, 85, 86, 87	Forfeited.
1477	Martyn, H. P. A.	July 8, 80	As owner	Newell			1882, 83, 84, 85, 86, 87	Delinquent 1 year.
1484	McColm, Wm. G.	July 19, 80	"	East Nodaway			1882, 83, 84, 85, 86, 87	Forfeited.
1485	McColm, Cyrus B.	June 22, 80	"	East Nodaway			1882, 83, 84, 85, 86, 87	Superseded by 2409.
1494	Martin, Z. L.	July 2, 80	"	Idaho	(Hubbard)		1882, 83, 84, 85, 86, 87	N. me of town changed.
1501	McGargner, A. T.	July 2, 80	"	Spencer			1882, 83, 84, 85, 86, 87	Retired; forfeited.
1506	Moon, Milton J.	July 23, 80	"	Iowa City			1882, 83, 84, 85, 86, 87	
1507	Moon, A. R.	July 15, 80	As assistant	Iowa City			1882, 83, 84, 85, 86, 87	
1527	Morrison, Wm. A.	July 27, 80	As principal	Iowa City			1882, 83, 84, 85, 86, 87	
1543	Moore, Oscar F.	July 28, 80	As owner	Des Moines			1882, 83, 84, 85, 86, 87	Dead.
1544	Moore, S. B.	July 28, 80	"	Des Moines			1882, 83, 84, 85, 86, 87	Dead.
1550	Mecheuer, M. W.	July 28, 80	"	Andrew	Sabula	May 18, 83	1882, 83, 84, 85, 86, 87	Forfeited.
1561	McVay, J. H.	July 22, 80	"	Attica			1882	Forfeited.
1567	Muth, Peter	July 22, 80	"	Camanche			1882, 83, 84, 85, 86, 87	Forfeited.
1605	Moxley, A. D.	Aug. 30, 80	As assistant	Kellogg			1882, 83, 84, 85, 86, 87	Delinquent 1 year.
1661	Mallory, D. M.	Sept. 3, 80	As owner	Rippey	Linden	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Dead.
1672	McEwen, Chas. A.	July 30, 80	By examinatio	Independence			1882, 83, 84, 85, 86, 87	
1680	Merritt, Fred D.	Aug. 2, 80	"	West Union			1882, 83, 84, 85, 86, 87	Delinquent 4 years.
1690	Mendenhall, H.	Aug. 2, 80	"	Bloomfield	Montezuma		1882, 83, 84, 85, 86, 87	
1711	McGullough, W. A.	Oct. 28, 80	"	Marion	Oseola	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Delinquent 4 years.
1754	Miles, Isadore	Oct. 2, 80	As assistant	West Branch			1882, 83, 84, 85, 86, 87	Forfeited.
1768	Maxwell, Geo. M.	Oct. 7, 80	As owner	Cambridge			1882	Forfeited.
1776	Miller, John K.	Oct. 9, 80	"	Spragueville			1882, 83, 84, 85, 86, 87	Dead.
1793	Maicham, Joseph	Aug. 10, 80	By examinatio	Riverton			1882, 83, 84, 85, 86, 87	Delinquent 4 years.
1799	McCrea, Henry H.	Aug. 13, 80	"	Albia			1882, 83, 84, 85, 86, 87	In Illinois.
1804	Morey, James F.	Aug. 2, 80	"	Storm Lake			1882, 83, 84, 85, 86, 87	
1815	Manwell, Lucius.	Oct. 12, 80	As owner	Davis City			1882, 83, 84, 85, 86, 87	Forfeited.
1835	McKeeth, F. H.	Nov. 12, 80	"	Stiles	Bedford	Oct. 6, 82	1882	Forfeited.
1837	Milliken, Schuyler C.	Nov. 19, 80	As assistant	Wilton			1882, 83, 84, 85, 86, 87	
1841	Marolf, J. F.	Nov. 16, 80	"	Council Bluffs			1882, 83, 84, 85, 86, 87	Dead.
1860	McMahan, J. C.	Sept. 15, 80	By examinatio	Morning Sun	Hampton	April 12, 80	1882, 83, 84, 85, 86, 87	
1878	McDonald, J. W.	Sept. 20, 80	"	Marion			1882, 83, 84, 85, 86, 87	Delinquent 6 years.
1887	McElhenny, J. W.	Sept. 20, 80	"	Marion			1882, 83, 84, 85, 86, 87	Delinquent 4 years.
1917	Miller, Chas. S.	Oct. 28, 80	"	Albia			1882, 83, 84, 85, 86, 87	Delinquent 1 year.
1920	Miller, Harry S.	July 31, 80	"	Vinton	Newton	April 9, 83	1882, 83, 84, 85, 86, 87	Canceled by request.
1946	Maish, Geo. H.	Aug. 9, 80	As owner	Des Moines			1882, 83, 84, 85, 86, 87	
1968	Macy, E. C.	Jan. 20, 81	As principal	Pleasant (H'rdng)			1882, 83, 84, 85, 86, 87	
1976	Moody, W. J.	Feb. 18, 81	By examinatio	Horton			1882, 83, 84, 85, 86, 87	Forfeited.
1977	Moore, Geo. E.	Dec. 6, 80	By examinatio	Garfield			1882, 83, 84, 85, 86, 87	
1988	Meacham, J. E.	Dec. 13, 80	"	Clarinda			1882, 83, 84, 85, 86, 87	Delinquent 6 years.
2006	Miller, John S.	Oct. 28, 80	"	Clinton			1882, 83, 84, 85, 86, 87	Forfeited.
2017	Middleton, C. H.	Mar. 12, 81	As principal	Bentonsport	Bonaparte	April 21, 85	1882, 83, 84, 85, 86, 87	Forfeited.
2030	McConaughy, Wm. D.	Feb. 26, 81	As assistant	Monroe	Reasnor	July 13, 83	1882, 83, 84, 85, 86, 87	Forfeited.
2040	Morgan, Wm. D.	Apr. 9, 81	As owner	Chillicothe			1882, 83, 84, 85, 86, 87	Forfeited.



# ABSTRACT—CONTINUED.

48

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
204	Miller, W. L.	April 14, 81	As owner	Norwalk			1882, 83, 84, 85, 86, 87	
2059	Molesworth, J.	April 26, 81	By examinat'n	Norwood			1882, 83, 84, 85, 86, 87	In Kansas.
2060	Masters, Stephen H.	April 27, 81	"	Nashua	Ashton	Jan. 25, 83	1882, 83, 84, 85, 86, 87	
2078	Myers, J. H.	April 29, 81	"	Iowa Center			1882, 83, 84, 85, 86, 87	Out of business.
2080	Myers, W. H.	April 29, 81	"	Harford	Pleasantville	July 14, 83	1882, 83, 84, 85, 86, 87	
2089	McAuley, O. G.	Feb. 8, 81	"	Rowley			1882, 83, 84, 85, 86, 87	Canceled by request.
2101	Marvin, H.	Feb. 18, 81	"	Sioux City			1882, 83, 84, 85, 86, 87	Out of business.
2123	Martin, M. T.	May 17, 81	"	Woodburn			1882, 83, 84, 85, 86, 87	
2138	McLain, George H.	June 18, 81	"	Vail			1882, 83, 84, 85, 86, 87	
2139	Michel, B.	June 1, 81	"	Dubuque			1882, 83, 84, 85, 86, 87	Canceled by request.
2148	Mitchell, A. J.	April 28, 81	"	Macedonia		May 21, 87	1882, 83, 84, 85, 86, 87	
2143	McKwain, E. H.	June 6, 81	"	Clarksburg	Pringhar	Dec. 2, 87	1882, 83, 84, 85, 86, 87	
2149	Maxwell, J. P.	April 30, 81	"	Westerville	Wirt	July 3, 86	1882, 83, 84, 85, 86, 87	
2160	Mentor, Mar.	July 5, 81	"	Newell	Cedar Rapids	Aug. 8, 82	1882, 83, 84, 85, 86, 87	Delinquent 1 year.
2162	McGonigle, W. A.	July 11, 81	"	Monona	Winthrop	Sept. 30, 87	1882, 83, 84, 85, 86, 87	
2178	Morse, W. E. H.	Aug. 8, 81	"	Stuart	Bancroft	Mar. 16, 86	1882, 83, 84, 85, 86, 87	
2181	McClung, M. P.	Aug. 9, 81	"	Council Bluffs			1882, 83, 84, 85, 86, 87	In Nebraska.
2188	Willard, Charles	Sept. 30, 81	"	Nashua			1882, 83, 84, 85, 86, 87	Delinquent 5 years.
2199	Wether, J. W.	July 23, 81	"	Davis City			1882, 83, 84, 85, 86, 87	
2183	McCoy, Hugh	Aug. 22, 81	"	Seymour			1882, 83, 84, 85, 86, 87	
2235	McDermid, Jr., D.	Oct. 7, 81	"	Victor	Iowa City	Nov. 4, 85	1882, 83, 84, 85, 86, 87	
2258	McKay, W. T.	Oct. 26, 81	"	New Virginia	Milo	June 8, 86	1882, 83, 84, 85, 86, 87	Out of business.
2269	Mitchell, Knos	Nov. 11, 81	"	Weldon			1882, 83, 84, 85, 86, 87	
2284	Marshall, A. J.	Dec. 3, 81	"	Shelby	Elliot	Dec. 19, 83	1882, 83, 84, 85, 86, 87	Dead.
2364	Martin, A. M.	Mar. 6, 82	"	Red Oak			1882, 83, 84, 85, 86, 87	
2318	McColm, J. T.	Dec. 24, 81	"	Gravity			1882, 83, 84, 85, 86, 87	
2340	Morris, J. C.	Dec. 27, 81	"	Bayard	Seranton	May 1, 82	1882, 83, 84, 85, 86, 87	
2365	Myers, Joseph V.	Aug. 6, 81	"	Mt. Vernon			1882, 83, 84, 85, 86, 87	
2369	Milligan, J. W.	Mar. 8, 82	"	Swede Point	Alta	Sept. 14, 82	1882, 83, 84, 85, 86, 87	Delinquent 3 years.
2375	Manz, Constan	April 12, 82	As graduate	Lyons			1883, 84, 85, 86, 87	
2385	McJee, C. H.	April 13, 82	By examinat'n	Lyons			1883, 84, 85, 86, 87	
2406	Moffett, H. P.	April 27, 82	"	Emmelsburg			1883, 84, 85, 86, 87	
2409	McColm, C. B.	April 5, 82	"	Hepburn	Persia	Nov. 30, 86	1883, 84, 85, 86, 87	
2416	Mayer, Charles T.	April 19, 82	"	Greenfield			1883, 84, 85, 86, 87	Left the State.
2449	McNeil, D. B.	May 17, 82	"	Burlington			1883, 84, 85, 86, 87	Canceled by request.
2456	McMeehan, John	May 24, 82	"	Boone			1882, 83, 84, 85, 86, 87	
2476	McClintock, J. M.	June 9, 82	"	Monroe			1882, 83, 84, 85, 86, 87	Delinquent 2 years.
2494	McAllister, Wm	June 28, 82	"	Cedar Rapids			1883, 84, 85, 86, 87	Delinquent 3 years.
2499	Maynard, Wm. H.	Aug. 19, 82	"	Maquoketa			1883, 84, 85, 86, 87	
2501	McMillan, T. C.	July 21, 82	"	Coon Rapids			1883, 84, 85, 86, 87	Delinquent 2 years.
2516	Mac Nab, Alex.	Aug. 22, 82	"	Rock Rapids			1883, 84, 85, 86, 87	Delinquent 1 year.
2517	Mitchell, Andrew F.	Aug. 31, 82	"	Keota	Sigourney	July 30, 85	1883, 84, 85, 86, 87	
2519	Morrey, Herbert	Sept. 4, 82	"	Alta			1883, 84, 85, 86, 87	
2539	McDonald, R. C.	Oct. 16, 82	"	Spencer			1883, 84, 85, 86, 87	Delinquent 3 years.
2551	Murdy, W. F. S.	Dec. 15, 82	"	Moulton			1883, 84, 85, 86, 87	Delinquent 4 years.
2552	McCarney, J. F.	Nov. 8, 82	"	Vilaca			1883, 84, 85, 86, 87	Out of business.
2561	McBride, H. E.	Feb. 6, 83	"	Ames	Des Moines	July 16, 83	1883, 84, 85, 86, 87	
2569	Montross, Geo. D.	Jan. 17, 83	"	Sloan			1883, 84, 85, 86, 87	
2571	MacFarlane, Thos.	Jan. 27, 83	"	Mondamin			1883, 84, 85, 86, 87	
2578	McBride, C. M.	Feb. 26, 83	"	Rock Valley			1883, 84, 85, 86, 87	
2583	Monnett, H. V.	April 2, 83	"	Orient			1883, 84, 85, 86, 87	
2586	Morse, Robt. C.	April 6, 83	"	Sabula	Des Moines	June 8, 86	1883, 84, 85, 86, 87	
2598	Miekeley, E. G. F.	April 25, 83	Graduate	Atlantic			1884, 85, 86, 87	Forfeited.
2610	Nichell, N. E.	April 2, 83	By examinat'n	Whiteth			1884, 85, 86, 87	Delinquent 1 year.
2601	Mawby, Harry	April 3, 83	"	Keokuk	Ottumwa	Mar. 30, 86	1884, 85, 86, 87	
2602	Marshall, L. R.	April 17, 83	"	Hurlington			1884, 85, 86, 87	Delinquent 3 years.
2608	Moorehead, S. W.	April 17, 83	"	Eagle Grove			1884, 85, 86, 87	Delinquent 2 years.
2611	Mayer, Peter	April 5, 83	"	Marshalltown			1884, 85, 86, 87	
2620	Mace, Amy T.	May 30, 83	"	Chariton			1884, 85, 86, 87	Delinquent 3 years.
2636	Millholland, Jno.	May 24, 83	"	Winterset			1884, 85, 86, 87	Canceled by request.
2662	Miller, W. S.	July 24, 83	"	Brush Creek			1884, 85, 86, 87	Dead.
2671	Mygatt, A. S.	Aug. 23, 83	"	Rutland			1884, 85, 86, 87	Canceled by request.
2680	Maritz, F. W.	Aug. 25, 83	"	Sergeant's Bluff			1884, 85, 86, 87	
2684	Mathews, O. W.	Sept. 6, 83	"	Delta			1884, 85, 86, 87	
2714	Moffett, Thos. M.	Jan. 21, 84	"	Grundy Center			1884, 85, 86, 87	
2717	Mateer, Jno. D.	Feb. 5, 84	"	Cedar Rapids			1884, 85, 86, 87	
2728	Morse, Clifton S.	Mar. 11, 84	"	Creston			1884, 85, 86, 87	Delinquent 2 years.
2749	McGrath, John	May 11, 84	"	St. Anthony			1885, 86, 87	Canceled by request.
2751	Morrin, George S.	May 20, 84	"	Cedar Falls			1885, 86, 87	
2778	McMillan, E. U.	July 15, 84	"	Coon Rapids			1885, 86, 87	In Nebraska.
2779	Myers, S. C.	July 15, 84	"	Schaller	Rossville	Aug. 28, 85	1885, 86, 87	
2784	Moser, Louis.	July 15, 84	"	Walnut			1885, 86, 87	Out of business.
2801	Morgan, C. C.	Sept. 2, 84	"	Stuart			1885, 86, 87	Now in Kansas.
2803	Maynard, J. D.	Sept. 2, 84	"	Janesville	Decorah	Oct. 23, 84	1885, 86, 87	
2808	Mann, A. H.	May 7, 84	"	Orange City	Onawa	Mar. 31, 86	1885, 86, 87	
339	McLennan, James	June 10, 80	As owner	Clarksburg	Stanwood	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Forfeited.
2828	Masterson, J. B.	Jan. 5, 85	By examinat'n	Albion			1885, 86, 87	
2842	Mack, George J.	Mar. 3, 85	"	Waterloo			1885, 86, 87	
2853	Mower, M. P.	April 7, 85	"	Angus			86, 87	Canceled by request.
2874	Morgan, Dell G.	May 11, 85	"	Council Bluffs			86, 87	
2885	Morgan, Benning A.	May 28, 85	"	Marshalltown			86, 87	
2892	Miller, T. L.	June 11, 85	"	South English	Murray	Jan. 3, 87	86, 87	
2911	Miller, Harry S.	Aug. 4, 85	"	Oskaloosa			86, 87	
2913	More, Chas. W.	Aug. 11, 85	"	Janesville			86, 87	Now in Chicago.
2914	Madison, Theo	Aug. 11, 85	"	Brooks	(For Brooks only)		86, 87	Expired.
2915	McCammon, S. H.	Aug. 17, 85	Graduate	Des Moines			86, 87	
2920	Macy, Sherman R.	Sept. 7, 85	By examinat'n	Bloomfield	Montezuma	Aug. 3, 86	86, 87	

STATE PHARMACY REGISTER

18

1887]

STATE PHARMACY REGISTER.

49



ABSTRACT—CONTINUED.

50

STATE PHARMACY REGISTER.

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1887]

STATE PHARMACY REGISTER.

51

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
2927	Myers, W. E.	Oct. 6, 85	By examination	New Hampton	Waterloo	Feb. 19, 87	1886, 87	
2934	Moore, Isaac H.	Oct. 13, 85	"	Monroe	Fort Dodge	April 2, 86	1886, 87	Delinquent 1 year.
2935	McNamara, Jno. F.	Oct. 15, 85	"	Des Moines	Fort Dodge	April 2, 86	1886, 87	
2945	Miller, E. C.	Nov. 17, 85	"	Rockwell			1886, 87	
2953	McCormick, F. M.	Jan. 4, 86	"	Baldwin			1886, 87	
2957	McMichael, A. O.	Jan. 5, 86	"	Des Moines			1886, 87	
2959	McFarland, A. W.	Jan. 6, 86	"	Dakota City			1886, 87	
2961	Miller, Severin	Jan. 19, 86	"	Davenport	New Sharon	April 6, 87	1886, 87	
2982	Mulnix, J. A.	Feb. 16, 86	"	Dows			1886, 87	
3001	May, Geo. E.	Nov. 3, 86	"	Charles City			1887	
3101	Miller, C. E.	Nov. 22, 86	"	Cedar Rapids	Waterloo	Sept. 21, 87	1887	
3109	Morton, Clarence B.	Dec. 17, 86	"	Perry			1887	
3127	McKay, B. A.	Mar. 1, 87	"	Missouri Valley			1887	
3170	McKinnis, C.	Mar. 8, 87	"	Ollie			1887	
3185	Maxwell, W. J.	Mar. 30, 87	"	Avoca			1887	
3207	Machesney, W. T.	April 5, 87	"	Bagley			1887	
3222	Mason, G. W.	April 19, 87	"	Goldfield			1887	
2973	Moore, Silas H.	May 8, 86	As graduate	Sioux City			1887	
2994	More, Arthur J.	May 17, 86	"	Sioux City			1887	
3001	Medbery, J. N.	May 4, 86	By examination	Webster City			1887	
3024	Mowry, Ed. J.	June 15, 86	"	Oskaloosa			1887	
3028	Moffitt, Eugene	June 15, 86	"	Marshalltown			1887	Now in Ottawa, Ills.
3069	McLunney, Thos. H.	Sept. 7, 86	"	Dubuque			1887	
3070	Morse, Chas. H.	Sept. 7, 86	"	Eagle Grove			1887	
3073	McKay, Frank P.	Sept. 13, 86	"	Des Moines	Des Moines	July 29, 87	1887	
3084	Merrill, Jno. T.	Oct. 5, 86	"	Mt. Airy			1887	
3231	McKechnie, N.	April 20, 87	"	Ottumwa			1887	
3234	McClain, C.	May 3, 87	"	Atlantic			1887	
3238	McAhen, W. J.	May 4, 87	"	Denison			1887	
3244	Myers, M. C.	May 17, 87	"	Creston			1887	
3248	McWilliams, J. J.	May 17, 87	"	Charter Oak			1887	
3269	Moorhead, James	June 27, 87	"	Cedar Rapids			1887	
3290	Morgan, Fred. E.	Aug. 13, 87	"	Cromwell	Villisca	Oct. 13, 87	1887	
3332	Meesmann, Hugo	Oct. 13, 87	"	Lyons			1887	
11	Nerby, Levi B.	June 5, 80	As owner	Lake Mills			1882, 83, 84, 85, 86, 87	Forfeited.
229	Northey, Elias	June 6, 80	"	Conceville			1882, 83, 84, 85, 86, 87	Forfeited.
457	Nienstaedt, Herman	June 5, 80	As owner	Dubuque	Sioux City	Sept. 28, 80	1882, 83, 84, 85, 86, 87	Forfeited.
50	Nesper, Fred T.	June 10, 80	As assistant	Muscatine			1882, 83, 84, 85, 86, 87	
62	Nunnally, L. B.	June 8, 80	As owner	Harford			1882, 83, 84, 85, 86, 87	
129	Newell, W. M.	June 3, 80	"	Meiose			1882, 83, 84, 85, 86, 87	
229	Nichols, Cornelius	June 12, 80	"	Essex			1882, 83, 84, 85, 86, 87	
247	Nichols, Wm. M.	June 4, 80	"	Atlantic			1882, 83, 84, 85, 86, 87	
268	Nichols, H. V.	June 3, 80	As principal	Allerton			1882, 83, 84, 85, 86, 87	Superseded by 2254.
272	Nichols, J.	June 8, 80	As owner	Atlantic			1882, 83, 84, 85, 86, 87	
295	Nichols, Edward	June 4, 80	"	Belle Plaine			1882, 83, 84, 85, 86, 87	
319	Nash, R. M.	June 21, 80	As assistant	Creston			1882, 83, 84, 85, 86, 87	Forfeited.
373	North, Henry	June 8, 80	As owner	Casey			1882, 83, 84, 85, 86, 87	Forfeited.
425	Nordstrum, Gus	June 18, 80	"	Dayton			1882, 83, 84, 85, 86, 87	Forfeited.
471	Noite, Henry H. J.	June 4, 80	As assistant	Davenport			1882, 83, 84, 85, 86, 87	Forfeited.
581	Nelson, Robert G.	June 14, 80	As owner	Eddyville			1882, 83, 84, 85, 86, 87	Delinquent 2 years.
590	Nosler, James	June 14, 80	"	Eddyville			1882, 83, 84, 85, 86, 87	Dead.
599	Nevins, John	June 23, 80	As assistant	Greene			1882, 83, 84, 85, 86, 87	
645	Nickson, E. D.	June 8, 80	As owner	Humboldt			1882, 83, 84, 85, 86, 87	
688	Norcross, David L.	June 8, 80	"	Kota			1882, 83, 84, 85, 86, 87	
714	Nadler, Frank	June 29, 80	As graduate	Davenport			1882, 83, 84, 85, 86, 87	Forfeited.
722	Norton, H. M.	June 5, 80	As owner	Keokuk			1882, 83, 84, 85, 86, 87	
819	Norman, Gustav	June 4, 80	"	Marion			1882, 83, 84, 85, 86, 87	
854	Nott, Benj. H.	June 8, 80	"	Burlington			1882, 83, 84, 85, 86, 87	Delinquent 1 year.
1112	Niehaus, E. W.	July 9, 80	As assistant	West Union			1882, 83, 84, 85, 86, 87	Forfeited.
1324	Neff, John D.	June 18, 80	As owner	West Union			1882, 83, 84, 85, 86, 87	Forfeited.
1325	Neff, Chas. G.	June 18, 80	As assistant	West Union	West Union	Mar. 17, 83	1882, 83, 84, 85, 86, 87	Forfeited.
1401	Newton, Martin L.	July 14, 80	As owner	La Porte City			1882, 83, 84, 85, 86, 87	Forfeited.
1428	Nase, Frank P.	July 9, 80	"	Grundy Center			1882, 83, 84, 85, 86, 87	Dead.
1453	Norris, T. O.	July 14, 80	"	Sioux City			1882, 83, 84, 85, 86, 87	
1472	Nash, A. F.	July 20, 80	"	Sioux City			1882, 83, 84, 85, 86, 87	
1556	Nesmith, M. W.	July 27, 80	"	Waukon			1882, 83, 84, 85, 86, 87	Sold out; forfeited.
1563	Nachtwey, Theo.	July 29, 80	As principal	Lansing			1882, 83, 84, 85, 86, 87	Superseded by 2734.
1717	Nowlan, David	Sept. 6, 80	As owner	Reasner			1882, 83, 84, 85, 86, 87	Forfeited.
1772	Nichols, Wm. E.	July 19, 80	"	Wyoming	Sheffield	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Forfeited; see 3209.
1991	Newman, M. M.	Dec. 28, 80	By examination	Edgewood			1882, 83, 84, 85, 86, 87	
2164	Niclaus, Gustav	July 11, 81	"	Burlington			1882, 83, 84, 85, 86, 87	In Illinois.
2191	Nauerth, J. H.	Aug. 8, 81	"	Tama City			1882, 83, 84, 85, 86, 87	
2254	Nichols, H. V.	Oct. 20, 81	"	Allerton			1882, 83, 84, 85, 86, 87	In Trenton, Mo.
2273	Nicol, Ira I.	Nov. 12, 81	"	Lacona	North English	April 29, 87	1882, 83, 84, 85, 86, 87	
2368	Niemann, Theo.	Mar. 6, 82	"	Maquoketa	Newell	April 20, 86	1882, 83, 84, 85, 86, 87	
2452	Nicol, J. H.	May 22, 82	"	Lacona			1883, 84, 85, 86, 87	Delinquent 2 years.
2462	Newman, E. P.	May 29, 82	"	Clarion	Dows	May 27, 87	1883, 84, 85, 86, 87	
2492	Newell, Wm. M.	July 19, 82	"	Des Moines			1883	Out of business.
2556	Nitzsche, J. C.	Dec. 27, 82	"	Dubuque		Oct. 14, 86	1883, 84, 85, 86, 87	
2660	Noel, O. A.	July 11, 83	"	Osceola			1884, 85, 86, 87	Revoked.
2684	Neubert, C. F.	Aug. 17, 83	"	Irwin	Wall Lake	April 17, 84	1884, 85, 86, 87	
2699	Nelson, Harry	Nov. 20, 83	"	Keokuk			1884, 85, 86, 87	Delinquent 3 years.
2734	Nachtwey, Theo.	April 17, 84	As graduate	Lansing			1885, 86, 87	
2761	Nugent, Ed. D.	June 3, 84	By examination	Oskaloosa			1885, 86, 87	
2781	Norton, J. A.	July 19, 84	"	Rockwell			1885	Delinquent 2 years.
2806	Nichols, Theron	Sept. 16, 84	"	Kalo			1885	Out of business.



# ABSTRACT-CONTINUED.

52

STATE PHARMACY REGISTER.

[E 3]

1887.]

STATE PHARMACY REGISTER.

53

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
2918	Newell, Sharon O.	Dec. 2, 84	By examinat'n	Hedrick.	.....	.....	85, 86, 87	
2917	Newhouse, H. E.	Aug. 18, 85	"	Sh. field	.....	.....	86, 87	
2956	Nicholson, W. L.	Jan. 30, 86	"	Fort Dodge	.....	.....	86, 87	
3021	Nugent, H. D.	May 25, 86	"	Oskaloosa	.....	.....	87	
3188	Norton, Chas. F.	Feb. 22, 87	"	Des Moines	.....	.....	87	
3309	Nichols, W. E.	April 5, 87	"	Sheffield	.....	.....		
3314	Null, Harry O.	Sept. 6, 87	"	Winterset	.....	.....		
116	Ong, F. M.	June 12, 80	As owner	Wapello.	.....	.....	1882, 83, 84, 85, 86, 87	
248	Ottens, J. H.	June 7, 80	As assistant	Andrew	.....	.....	1882, 83, 84, 85, 86, 87	Forfeited.
374	Olney, Arthur R.	June 10, 80	As owner	Clinton	.....	.....	1882, 83, 84, 85, 86, 87	
420	Oder, Frederick	June 12, 80	As assistant	Des Moines	.....	.....	1882, 83, 84, 85, 86, 87	
490	Oids, Gamaliel W.	June 22, 80	As owner	Lone Tree	.....	.....		Forfeited.
581	Oleson, Martin	June 15, 80	As assistant	Fort Dodge	.....	Dayton.	Mar. 22, 82	Forfeited.
583	Oleson, Olaf M.	June 22, 80	Graduate	Fort Dodge	.....	.....		Superseded by 1939.
681	O'Connor, Felix H.	June 4, 80	As owner	Keokuk	.....	.....	1882, 83, 84, 85, 86, 87	Dead.
758	O kerman, Daniel R.	June 4, 80	"	Lineville	.....	.....	1882, 83, 84, 85, 86, 87	Forfeited.
861	Orcutt, Geo. B.	June 8, 80	As assistant	Maquoketa	.....	.....	1882, 83, 84, 85, 86, 87	Sold out.
951	Olinstead, Earl N.	June 11, 80	As owner	New Hampton	.....	.....	1882, 83, 84, 85, 86, 87	
962	Owens, J. B.	July 5, 80	"	Bedford	.....	.....	1882, 83, 84, 85, 86, 87	Forfeited.
971	O'Connor, J. O.	July 5, 80	"	Melrose	.....	.....	1882, 83, 84, 85, 86, 87	
1081	Ott, Daniel W.	June 16, 80	"	Elverside	.....	.....		Superseded by 2266.
1118	Ormlston, J. S.	July 7, 80	"	Chelsea	.....	.....	1882, 83, 84, 85, 86, 87	
1123	Oehl, John E.	July 6, 80	As assistant	Charles City	.....	.....		Forfeited.
1148	Odiorne, E. M.	July 7, 80	As owner	Indianola	.....	.....	1882, 83, 84, 85, 86, 87	Forfeited.
1162	Owen, Luther	July 6, 80	"	Marion	.....	.....	1882, 83, 84, 85, 86, 87	In Nebraska.
1264	Oris, Clarence M.	June 7, 80	As assistant	Tabor	.....	.....	1882, 83, 84, 85, 86, 87	
1276	Oris, Wm. W.	June 15, 80	As owner	Victor	.....	.....		Forfeited.
1373	Overmann, Adolph	July 16, 80	"	Burlington	.....	.....		Forfeited.
1462	Osborn, Benj. F.	July 15, 80	As assistant	Rippey	.....	.....	1882, 83, 84, 85, 86, 87	
1465	Olive, Richard	July 20, 80	As owner	Seranton	.....	.....	1882, 83, 84, 85, 86, 87	
1480	Olive, Edwin A.	July 20, 80	As assistant	Seranton	.....	.....		Superseded by 2291.
1471	Opperman, Henry	July 19, 80	"	Jesup	West Bend.	April 1, 87	1882, 83, 84, 85, 86, 87	
1538	Ormond, Asky, Jos.	July 27, 80	"	Tama City	Sept. 9, 82	1882, 83, 84, 85, 86, 87		Forfeited.
1614	Oids, Benj. R.	July 27, 80	By examinat'n	Cherokee	Aurelia.	Mar. 22, 82	1882, 83, 84, 85, 86, 87	
1727	Oster, J. W.	Sept. 15, 80	As assistant	Greene	.....	.....	1882, 83, 84, 85, 86, 87	
1939	Oleson, Olaf M.	Dec. 16, 80	By examinat'n	Fort Dodge	.....	.....	1882, 83, 84, 85, 86, 87	
1980	Owen, N. Eugene	Oct. 4, 80	By examinat'n	Oskaloosa	Lathrop, Mo.	April 1, 85	1882, 83, 84, 85, 86, 87	
2112	Oren, Samuel A.	April 31, 81	As owner	Mt. Auburn	.....	.....	1882, 83, 84, 85, 86, 87	
2323	Oldridge, W. V.	Oct. 3, 81	By examinat'n	Farley	.....	.....	1882, 83, 84, 85, 86, 87	
2286	Old, Daniel W.	Nov. 7, 81	"	Miverside	Washington	April 2, 87	1882, 83, 84, 85, 86, 87	
2291	Olive, Edwila A.	Nov. 28, 81	"	Bayard	Bayard	Mar. 22, 82	1882, 83, 84, 85, 86, 87	
2295	Owens, A. F.	Dec 17, 81	"	Alton	.....	.....	1882, 83, 84, 85, 86, 87	
2548	Osborn, G. S.	Nov 8, 82	"	Riverton	.....	.....	1883, 84, 85, 86, 87	Cancelled by request.
2648	Osborn, S. O.	June 18, 83	"	Atlantic	Osceola.	April 11, 85	1884, 85, 86, 87	Cancelled by request.
2856	Ochiltree, Victor B.	April 7, 85	"	Keokuk	.....	.....	1886, 87	
2925	Osborn, M. C.	Sept. 9, 85	"	Delmar	(For Delmar only)	.....	1888, 87	Forfeited by expirat'n
3027	Owen, C. N.	June 8, 86	"	Harian	.....	.....	1887	
3074	Overholt, Frank W.	July 6, 86	"	.....	.....	.....	1887	
3107	Olsen, Mourad J.	Dec. 17, 86	"	Des Moines	.....	.....	1887	
1	Parrott, Joseph D.	June 4, 80	As owner	Blanchard	.....	.....	1882, 83, 84, 85, 86, 87	
18	Plater, John B.	June 3, 80	"	Bristow	.....	.....	1882, 83, 84, 85, 86, 87	
22	Pogue, J. I.	June 2, 80	"	Wiota	.....	.....	1882, 83, 84, 85, 86, 87	In Washington Ter.
80	Perrin, Willard	June 2, 80	"	Floyd	.....	.....	1882, 83, 84, 85, 86, 87	
82	Price, Mrs. S. E.	June 10, 80	As principal	Exline	Centerville	Nov. 12, 80	1882, 83, 84, 85, 86, 87	Forfeited.
93	Pogue, J. A.	June 10, 80	As owner	Lacena	.....	.....	1882, 83, 84, 85, 86, 87	
122	Peters, C. W.	June 15, 80	"	Ft. Madison	.....	.....	1882, 83, 84, 85, 86, 87	
153	Pittman, W. G.	June 21, 80	"	West Point	.....	.....	1882, 83, 84, 85, 86, 87	Forfeited.
212	Phillips, E. W.	June 21, 80	"	Prairieburg	.....	.....		Dead.
230	Parkhurst, F. G.	June 23, 80	As assistant	Belle Plaine	.....	.....		Dead.
249	Porter, J. H.	June 7, 80	As owner	Ackley	.....	.....	1882, 83, 84, 85, 86, 87	Forfeited.
266	Potter, Isaac L.	June 2, 80	"	Bloomfield	.....	.....		
304	Painter, J. V.	June 9, 80	"	Cedar Falls	.....	.....	1882, 83, 84, 85, 86, 87	Retired, forfeited.
351	Parker, J. W.	June 4, 80	As assistant	Carpenter	.....	.....	1882, 83, 84, 85, 86, 87	In Dakota, forfeited.
375	Pool, P. V. M.	June 2, 80	As owner	Cedar Rapids	.....	.....	1882, 83, 84, 85, 86, 87	Forfeited.
376	Pope, N. D.	June 8, 80	"	Clarinda	.....	.....	1882, 83, 84, 85, 86, 87	Sold out, forfeited.
380	Parish, Frank W.	June 3, 80	"	Dysart	.....	.....	1882, 83, 84, 85, 86, 87	Out of business.
419	Pinkerton, James H.	June 3, 80	"	Dunlap	.....	.....	1882, 83, 84, 85, 86, 87	Delinquent 2 years.
474	Patterson, S. J.	June 22, 80	"	Des Moines	.....	.....	1882, 83, 84, 85, 86, 87	Forfeited.
481	Parker, J. H.	June 24, 80	"	Cresco	.....	.....	1882, 83, 84, 85, 86, 87	
487	Price, H. C.	June 2, 80	As principal	Griswold	.....	.....	1882, 83, 84, 85, 86, 87	
627	Piper, John	June 7, 80	As assistant	Logan	Dow City.	Dec. 27, 83	1882, 83, 84, 85, 86, 87	Forfeited.
642	Fryor, Wm. A.	June 3, 80	As owner	Independence	.....	.....	1882, 83, 84, 85, 86, 87	Forfeited.
652	Phillips, Joseph A.	June 5, 80	"	Le Mars	Livernore	Mar. 22, 82	1882, 83, 84, 85, 86, 87	
728	Peregrine Charles J.	June 3, 80	"	Le Mars	.....	.....	1882, 83, 84, 85, 86, 87	
749	Poecock, Joseph J.	June 1, 80	"	Lovilia	.....	.....	1882, 83, 84, 85, 86, 87	
751	Parsons, Gilmore H.	June 5, 80	"	Luana	.....	.....		Sold out; forfeited.
767	Pettit, Wallace W.	June 4, 80	As assistant	La Dora	.....	.....	1882, 83, 84, 85, 86, 87	Dead.
772	Parkhurst, F. W.	June 14, 80	As owner	Holland	Gladbrook	April 10, 83	1882, 83, 84, 85, 86, 87	Superseded by 3180.
781	Pulman, James M.	June 18, 80	"	Carbon	.....	.....	1882, 83, 84, 85, 86, 87	Forfeited.
796	Phelps, Joseph A.	June 22, 80	"	Forest City	.....	.....	1882, 83, 84, 85, 86, 87	
801	Pinkney, James	June 26, 80	As assistant	McGregor	Afton	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Forfeited.
823	Plumb, Edwin B.	June 3, 80	"	Mt. Pleasant	Newburn.	April 28, 81	1882, 83, 84, 85, 86, 87	
826	Phillips, Walter J.	June 1, 80	As owner	Mt. Pleasant	.....	.....	1882, 83, 84, 85, 86, 87	
837	Pyle, Samuel M.	June 30, 80	"	McGregor	.....	.....	1882, 83, 84, 85, 86, 87	
838	Peterson, Samuel J.	June 30, 80	"	McGregor	.....	.....	1882, 83, 84, 85, 86, 87	



ABSTRACT-CONTINUED.

54

STATE PHARMACY REGISTER

[3]

1887

STATE PHARMACY REGISTER

55

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
844	Putnam, Rufus A.	June 9, 80	As assistant.	Monticello			1882, 83, 84, 85, 86, 87	
848	Power, Wm G.	June 23, 80	As owner.	Mt. Vernon				Out bus.; forfeited.
909	Parkhurst, H. H.	June 4, 80	"	Marengo	Dows	Dec. 27, 83	1882, 83, 84, 85, --	Forfeited.
932	Parmenter, R. F.	June 5, 80	"	Newton			1882, 83, 84, 85, 86, 87	
942	Phillips, Geo. F.	June 9, 80	"	New Hampton	Riceville	Mar. 11, 87	1882, 83, 84, 85, 86, 87	
983	Pfeiffer, Jr., Henry	July 6, 80	As assistant.	Cedar Falls				Superseded by 2332.
1000	Peters, Harry C.	June 16, 80	"	Ottumwa			1882, 83, 84, 85, 86, 87	
1021	Pitman, John S.	June 14, 80	As owner.	Ogden			1882, 83, 84, 85, 86, 87	
1031	Prole, Albert W.	June 22, 80	As principal.	Osceola			1882, 83, --	Forfeited.
1055	Porter, James N.	June 9, 80	As assistant.	Prairie City			1882, 83, 84, 85, 86, 87	
1073	Peters, Wm. E.	June 5, 80	As owner.	Pleasanton			1882, 83, 84, 85, 86, 87	
1089	Pool, Don A.	June 2, 80	"	Prairie City			1882, 83, 84, --	Retired; forfeited.
1098	Powell, Geo. R.	June 4, 80	As assistant.	Red Oak			1882, 83, 84, 85, 86, 87	Left town; forfeited.
1105	Payne, Miss Annie E.	July 5, 80	As owner.	Richland			1882, --	Superseded by 2298.
1104	Pegram, Hardin	July 7, 80	As assistant.	Red Oak Junction				Forfeited.
1107	Porter, Samuel B.	July 6, 80	"	Afton				Forfeited.
1114	Prather, B. R.	July 8, 80	As owner.	Columbia				Retired forfeited.
1155	Palmer, Almon D.	July 9, 80	As assistant.	Maquoketa	Cedar Rapids	Oct. 31, 82	1882, 83, --	Forfeited.
1161	Powers, Geo. P.	July 6, 80	As owner.	Marshalltown			1882, 83, 84, 85, 86, 87	
1194	Palmer, Alvira S.	June 12, 80	"	Searsboro			1882, 83, 84, 85, 86, 87	Forfeited.
1203	Perry, Chas. H.	June 21, 80	"	Sidney			1882, 83, 84, --	Forfeited.
1206	Pratt, Wm. T.	June 21, 80	"	Solon			1882, 83, 84, --	Forfeited.
1211	Painter, David	June 23, 80	"	Spencer	Woodward	April 12, 83	1882, 83, 84, 85, 86, --	Forfeited.
1213	Potter, Jas. M.	June 2, 80	"	Sheffield			1882, --	Forfeited.
1221	Palmer, Jacob H.	June 3, 80	"	Searsboro			1882, --	Forfeited.
1186	Fudney, Nathan A.	June 11, 80	"	Springville				In Ark.; forfeited.
1204	Parks, Anton F.	June 5, 80	"	Storm Lake			1882, 83, 84, 85, 86, 87	
1225	Penn, Alphonso V.	June 10, 80	"	Sidney			1882, 83, 84, 85, 86, 87	
1226	Parker, Wm. L.	June 3, 80	As assistant.	Sibley			1882, 83, 84, 85, 86, 87	
1242	Patterson, O. A.	June 8, 80	As owner.	Sioux City			1882, 83, 84, 85, --	Forfeited.
1281	Palmer, Henry N.	June 9, 80	"	Vinton			1882, 83, 84, 85, 86, 87	
1283	Palmer, Walter S.	June 2, 80	As principal.	Vinton			1882, 83, 84, 85, 86, 87	
1284	Palmer, Thos. S.	June 5, 80	As owner.	Vinton			1882, 83, 84, 85, 86, 87	Retired; forfeited.
1286	Pierce, W. H.	June 14, 80	As assistant.	Alta	Storm Lake	May 2, 84	1882, 83, 84, 85, 86, --	Forfeited; see 3192.
1299	Pickering, Chas. E.	June 4, 80	As owner.	West Liberty			1882, 83, 84, 85, 86, 87	
1309	Pomeroy, J. C.	June 21, 80	"	Waverly			1882, 83, 84, 85, 86, 87	
1317	Peterson, Jacob J.	July 3, 80	"	Walnut			1882, 83, 84, 85, 86, --	Forfeited.
1351	Packard, Geo. H.	July 5, 80	"	Webster City	Webster City	Aug. 15, 83	1882, 83, --	Forfeited.
1439	Pentecost, Levi J.	July 17, 80	"	Panora			1882, 83, 84, 85, 86, 87	
1469	Packard, Ira W.	July 20, 80	"	Whittemore			1882, 83, 84, 85, 86, 87	Forfeited.
1479	Priddy, J. M.	July 20, 80	As assistant.	Vinton			1882, --	Forfeited.
1500	Palmer, Helen E.	July 22, 80	"	Brooklyn			1882, 83, 84, 85, 86, 87	
1504	Peck, Sernan	July 23, 80	As owner.	Guhrle Center			1882, 83, 84, 85, 86, 87	Forfeited.
1514	Phelps, John H.	July 23, 80	"	Welton			1882, 83, 84, 85, 86, --	Dead.
1522	Perrine, Demas	July 24, 80	"	Burlington			1882, 83, 84, 85, 86, 87	
1538	Price, J. W.	July 24, 80	"	Dubuque			1882, 83, 84, 85, 86, 87	
1588	Porter, Edwin C.	Aug. 6, 80	"	La Moille			1882, 83, 84, 85, 86, 87	Retired; forfeited.
1611	Potter, B. B.	Aug. 1, 80	"	South English	What Cheer	May 9, 82	1882, 83, 84, 85, 86, --	Superseded by 3124.
1644	Platt, W. D.	July 7, 80	"	Carpet			1882, 83, --	Forfeited.
1646	Pool, Sophia M.	Aug. 13, 80	"	Swedesburg			1882, --	Forfeited.
1650	Porter, Mattie A.	Aug. 9, 80	"	Swedesburg			1882, --	Forfeited.
1651	Porter, J. J.	Aug. 9, 80	"	Earlham	Dexter	June 16, 82	1882, 83, --	Forfeited.
1690	Packer, F. M.	Sept. 3, 80	As assistant.	Adair			1882, 83, 84, 85, 86, 87	
1677	Parsons, Fayette	July 30, 80	By examinatio	Brooks			1882, 83, 84, 85, 86, 87	
1714	Peregrine, J. S.	Sept. 7, 80	As owner.	Ripley			1882, 83, 84, 85, --	Dead.
1739	Peabody, J. H.	Sept. 22, 80	As assistant.	Boone			1882, --	Retired; forfeited.
1812	Penn, J. N.	Oct. 11, 80	As owner.	Ottumwa			1882, 83, 84, 85, --	Left State; forfeited.
1814	Perry, Ross W.	Oct. 23, 80	As assistant.	Charles City			1882, 83, 84, 85, 86, 87	E. Saginaw; forfeited.
1846	Prall, D. E.	Dec. 29, 80	Graduate.	Fredericksburg			1882, 83, 84, 85, 86, 87	
1847	Powell, L. E.	Nov. 29, 80	As assistant.	Wapello			1882, 83, 84, 85, 86, 87	Forfeited.
1848	Padden, Loven	Nov. 29, 80	As owner.	Marion			1882, 83, --	Delinquent 4 years.
1868	Plitt, H. A.	Oct. 16, 80	By examinatio	Essex			1882, 83, 84, 85, 86, 87	Delinquent 6 years.
1877	Putnam, Mart A.	Aug. 11, 80	"	Des Moines	Stratford	Mar. 28, 84	1882, 83, 84, 85, 86, 87	
1886	Pryor, W. C.	Aug. 11, 80	"	Spencer			1882, --	Gone to Ohio.
1909	Peterson, C. Peter	Dec. 2, 80	"	Boone			1882, 83, 84, 85, 86, 87	
1924	Pape, E. M.	Feb. 8, 80	As assistant.	Kirkville			1882, 83, 84, 85, 86, 87	
1957	Peterson, Jonas B.	Jan. 29, 81	"	Buffalo Grove			1882, 83, --	Forfeited.
1984	Pelham, W. S.	Feb. 19, 81	As owner.	Bentonsport			1882, 83, 84, 85, 86, 87	
1974	Price, John M.	Mar. 12, 81	As principal.	Linleville			1882, 83, --	Forfeited.
2018	Pergrin, Isaac D.	Mar. 12, 81	"	Sidney			1882, 83, 84, 85, 86, 87	
2026	Prather, A. W.	Mar. 9, 81	By examinatio	Iowa Center			1882, 83, 84, 85, 86, 87	
2056	Penn, J. H.	Apr. 1, 81	"	Tama City			1882, 83, 84, 85, 86, 87	
2087	Peterson, J. J.	Mar. 29, 81	"	Alta			1882, --	Gone to Michigan.
2097	Price, L. J.	June 22, 81	"	Blairtown			1882, 83, --	Delinquent 4 years.
2141	Platt, Joseph S.	June 21, 81	"	Alden			1882, 83, 84, 85, 86, --	Canceled.
2156	Pierce, Griffith R.	June 28, 81	"	Davenport			1882, 83, 84, 85, 86, 87	
2158	Peck, P. B.	June 13, 81	"	Des Moines			1882, 83, 84, 85, 86, 87	
2228	Person, A. H.	Aug. 26, 81	"	Cedar Falls			1882, 83, 84, 85, 86, 87	
2247	Pape, Hermann G.	Oct. 12, 81	"	Peterson	Cherokee	Mar. 22, 87	1882, 83, 84, 85, 86, 87	
2327	Pickett, J. C.	Jan. 23, 82	"	Richland			1882, 83, 84, 85, 86, 87	Gone to Kansas.
2332	Pfeiffer, Jr., Henry	Jan. 26, 82	"	Davenport			1883, 84, 85, --	Revoked.
2360	Parker, E. W.	Feb. 27, 82	"	Fort Madison			1883, 84, 85, 86, 87	
2398	Payne, Annie E.	Dec. 28, 81	"	Collins			1883, 84, 85, 86, --	Canceled by request.
2404	Plagmann, Henry	Jan. 3, 82	"	Tipton			1883, 84, 85, 86, --	
2405	Porter, Jas. N.	Jan. 6, 82	"					
2409	Parvin, F. O.	Apr. 12, 82	"					
2400	Patton, Joseph	April 18, 82	"					



# ABSTRACT—CONTINUED.

56

STATE PHARMACY REGISTER.

[3]

1887.]

STATE PHARMACY REGISTER.

57

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
2413	Porter, L. Lindley.	April 15, 82	By examination	Humboldt	Fonda	April 27, 86	1883, 84, 85, 86, 87	Canceled by request.
2415	Patterson, M. F.	April 28, 82	"	Pocahontas Center	Fonda	April 27, 86	1883, 84, 85, 86, 87	
2435	Plumb, Weston T.	May 23, 82	"	Vancleave	Fonda	April 27, 86	1883, 84, 85, 86, 87	
2451	Potter, F. Chalmers	June 20, 82	"	Vail	Fonda	April 27, 86	1883, 84, 85, 86, 87	Crookston, Minn.
2467	Parrish, Henry	June 3, 82	"	Decatur	Moulton	Jan. 15, 83	1883, 84, 85, 86, 87	
2521	Powers, C. A.	Sept. 5, 82	"	Moravia	Moulton	Jan. 15, 83	1883, 84, 85, 86, 87	
2531	Pencally, A. H.	Sept. 20, 82	"	Des Moines	Ridgeway	Mar. 31, 85	1883, 84, 85, 86, 87	Left the State.
2556	Prann, Al. W.	Dec. 1, 82	"	Cresco	Ridgeway	Mar. 31, 85	1883, 84, 85, 86, 87	
2568	Peck, Edgar A.	Jan. 16, 83	"	Cedar Rapids	Cedar Rapids	April 1, 87	1883, 84, 85, 86, 87	Delinquent 5 years.
2582	Parker, Leander T.	Mar. 2, 83	"	Manson	Cedar Rapids	April 1, 87	1883, 84, 85, 86, 87	
2588	Fruit, Geo. A.	Mar. 20, 83	"	Blanchard	Cedar Rapids	April 1, 87	1883, 84, 85, 86, 87	
2624	Pluney, C. H.	April 25, 83	"	Council Bluffs	Cedar Rapids	April 1, 87	1883, 84, 85, 86, 87	Canceled by request.
2641	Paschall, C. M.	July 25, 83	"	New Market	Cedar Rapids	April 1, 87	1883, 84, 85, 86, 87	
2669	Paul, Chas. S.	Aug. 5, 83	"	Paulina	Cedar Rapids	April 1, 87	1883, 84, 85, 86, 87	
2675	Pexton, J. F.	Sept. 5, 83	"	Harlan	Cedar Rapids	April 1, 87	1883, 84, 85, 86, 87	
2687	Patchin, F. J.	Nov. 14, 83	"	Thayer	Cedar Rapids	April 1, 87	1883, 84, 85, 86, 87	Canceled by request.
2697	Penizer, Jacob L.	April 9, 84	"	Muscantine	Wilton	Mar. 21, 85	1885, 86, 87	
2712	Patterson, Chas.	April 21, 84	"	Des Moines	Wilton	Mar. 21, 85	1885, 86, 87	In Colorado.
2751	Pyle, George H.	May 20, 84	"	Malcomb	Wilton	Mar. 21, 85	1885, 86, 87	
2754	Pickett, Jno. H.	May 26, 84	"	Iowa City	Ames	Sept. 29, 84	1885, 86, 87	
2835	Pember, H. H.	Feb. 2, 85	"	Spencer	Ames	Sept. 29, 84	1885, 86, 87	
2869	Pine, P. R.	April 28, 85	"	Tipton	Ames	Sept. 29, 84	1885, 86, 87	
2893	Porterfield, F. W.	June 13, 85	"	Atlantic	Ames	Sept. 29, 84	1885, 86, 87	Delinquent 1 year.
2918	Putman, T. L.	Sept. 1, 85	"	Riverton	Ames	Sept. 29, 84	1885, 86, 87	
2940	Pike, Chas. C.	Nov. 4, 85	"	Oskaloosa	Ames	Sept. 29, 84	1885, 86, 87	
2941	Platt, Geo. M.	Nov. 11, 85	"	Red Oak	Ames	Sept. 29, 84	1885, 86, 87	
2963	Parnell, B. F.	Jan. 20, 86	Graduate	Creston	Ames	Sept. 29, 84	1885, 86, 87	In Missouri.
2967	Phillips, H. W.	May 18, 86	By examination	Victor	Ames	Sept. 29, 84	1885, 86, 87	Expired.
3010	Parker, H. W.	May 18, 86	"	Marshalltown	Ames	Sept. 29, 84	1885, 86, 87	
3026	Paddleford, J. F.	June 15, 86	"	Nora Springs	Ames	Sept. 29, 84	1885, 86, 87	
3045	Peters, Leopold.	Sept. 2, 86	Graduate	Waterloo	Ames	Sept. 29, 84	1885, 86, 87	Now in St. Paul, Minn.
3060	Platt, Geo. L.	Aug. 3, 86	By examination	Red Oak	Ames	Sept. 29, 84	1885, 86, 87	
3075	Phillips, H. Bradway	Sept. 21, 86	"	Clear Lake	Ames	Sept. 29, 84	1885, 86, 87	
3113	Piercy, A. T.	Jan. 4, 87	"	Central City	Ames	Sept. 29, 84	1885, 86, 87	
3134	Platt, W. D.	Mar. 1, 87	"	What Cheer	Ames	Sept. 29, 84	1885, 86, 87	
3154	Putzer, Henry J.	Feb. 25, 87	"	Ida Grove	Mapleton	May 21, 87	1887	
3157	Falen, Joseph A.	Feb. 22, 87	"	Dubuque	Mapleton	May 21, 87	1887	
3180	Putman, James M.	Mar. 18, 87	"	Gladbrook	Van Horn	May 23, 87	87	
3192	Pierce, Wm. H.	Mar. 18, 87	"	Hudson	Van Horn	May 23, 87	87	
3193	Phillips, Isaac S.	Mar. 22, 87	As graduate	Amer	Van Horn	May 23, 87	87	
3221	Powers, J. W.	April 19, 87	By examination	Hudson	Van Horn	May 23, 87	87	
3257	Paul, B. F.	June 7, 87	"	Paulina	Van Horn	May 23, 87	87	
3270	Port, Frank W.	Aug. 17, 87	"	Olga	Van Horn	May 23, 87	87	Expires July 19, 1889.
3286	Heiford, G. Jacob	Aug. 17, 87	"	Le Mars	Van Horn	May 23, 87	87	
3289	Pinckney, E. A.	Aug. 17, 87	"	Forest City	Van Horn	May 23, 87	87	
3335	Porter, Geo. H.	Oct. 17, 87	"	Eldora	Van Horn	May 23, 87	87	
3341	Plumbe, Ed. O.	April 25, 87	"	Hull	Van Horn	May 23, 87	87	
1152	Quire, James C.	July 5, 80	As owner	Lynnville			1882, 83, 84, 85, 86, 87	
1153	Quire, Chas. E.	July 7, 80	"	Lynnville			1882, 83, 84, 85, 86, 87	
1913	Quirk, W. T.	July 29, 80	By examination	Aurelia			1882, 83, 84, 85, 86, 87	Delinquent 2 years.
2314	Quinn, Edward	Dec. 19, 81	"	What Cheer			1882, 83, 84, 85, 86, 87	
2370	Quigley, Will A.	Mar. 8, 82	"	Calliope			1882, 83, 84, 85, 86, 87	
2831	Quinn, Charles, F.	Jan. 21, 85	"	Cherokee	Meriden	Aug. 12, 87	1882, 83, 84, 85, 86, 87	
15	Robbins, C. S.	June 2, 80	As owner	Neola			1882, 83, 84, 85, 86, 87	
33	Rust, David	June 4, 80	As principal	Whiting			1882, 83, 84, 85, 86, 87	
51	Russell, H. A.	June 8, 80	As owner	Centerville			1882, 83, 84, 85, 86, 87	Forfeited.
55	Robyn, Edward	June 9, 80	"	Luzerne			1882, 83, 84, 85, 86, 87	Dead.
86	Robinson, S. S.	June 10, 80	"	Polk City			1882, 83, 84, 85, 86, 87	
104	Ray, J. A.	June 3, 80	"	Leon			1882, 83, 84, 85, 86, 87	
118	Reisner, F. O.	June 6, 80	"	West Point			1882, 83, 84, 85, 86, 87	
119	Reisner, Mrs. Mary	June 8, 80	As assistant	West Point			1882, 83, 84, 85, 86, 87	
123	Rhoads, M.	June 7, 80	As owner	Clarksville			1882, 83, 84, 85, 86, 87	
140	Roberts, Mary F. Q.	June 4, 80	"	Osceola			1882, 83, 84, 85, 86, 87	Forfeited.
165	Rice, U. A.	June 7, 80	"	Commerce			1882, 83, 84, 85, 86, 87	
167	Robbins, Willard	June 8, 80	"	Faragut			1882, 83, 84, 85, 86, 87	
175	Reynolds, A. J.	June 2, 80	"	Agency City			1882, 83, 84, 85, 86, 87	
182	Rogg, Chas. W.	June 12, 80	"	Des Moines			1882, 83, 84, 85, 86, 87	
206	Rolling, John	June 22, 80	"	Boone			1882, 83, 84, 85, 86, 87	Canceled by request.
231	Rice, Clarence E.	June 15, 80	"	Ackey			1882, 83, 84, 85, 86, 87	Forfeited.
212	Roberts, W. H.	June 7, 80	"	Afton			1882, 83, 84, 85, 86, 87	Forfeited.
245	Reeme, Ira J.	June 9, 80	"	Algona			1882, 83, 84, 85, 86, 87	
251	Read, S. G. A.	June 9, 80	"	Algona			1882, 83, 84, 85, 86, 87	Delinquent 1 year.
255	Rd, Lizzie B.	June 9, 80	As assistant	Algona			1882, 83, 84, 85, 86, 87	
269	Roberts, A. H.	June 4, 80	As owner	Audubon			1882, 83, 84, 85, 86, 87	
291	Richter, Adolph H.	June 3, 80	"	Burlington			1882, 83, 84, 85, 86, 87	
303	Richardson, George A. B.	June 3, 80	As assistant	Blairtown			1882, 83, 84, 85, 86, 87	
304	Richardson, J. W.	June 3, 80	"	Blairtown			1882, 83, 84, 85, 86, 87	Superseded by 2336.
310	Ragsdale, J. S.	June 9, 80	As owner	Birmingham			1882, 83, 84, 85, 86, 87	
318	Ragsdale, E. E.	June 17, 80	"	Birmingham			1882, 83, 84, 85, 86, 87	Forfeited.
38	Rawson, H. C.	June 7, 80	"	Corning			1882, 83, 84, 85, 86, 87	
382	Rawson, Allen Abel	June 7, 80	"	Corning			1882, 83, 84, 85, 86, 87	
394	Rogers, Oscar	June 16, 80	"	Corning			1882, 83, 84, 85, 86, 87	
427	Randolph, J. W.	June 22, 80	"	Des Moines			1882, 83, 84, 85, 86, 87	
437	Richmond, James A.	June 19, 87	"	Des Moines			1882, 83, 84, 85, 86, 87	
463	Rigg, James	June 5, 80	"	Dubuque	Fort Dodge	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Forfeited; in Dakota.



ABSTRACT—CONTINUED.

58

STATE PHARMACY REGISTER.

1887.]

STATE PHARMACY REGISTER.

59

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate re-issued for.	REMARKS.
467	Roberts, Fred. J.	June 10, 80	As assistant.	Dunlap	Soldier	April 12, 84	1882, 83, 84, 85, 86, 87	Forfeited; see 3256.
476	Robinson, J. H.	June 5, 80	As principal.	Davis City			1882, 83, 84, 85, 86, 87	
477	Rueke, Theo. W.	June 4, 80	As owner.	Dubuque			1882, 83, 84, 85, 86, 87	
485	Ramsey, Robert B.	June 24, 80	"	Blakesburg	Floris	Oct. 2, 85	1882, 83, 84, 85, 86, 87	Superseded by 3288.
607	Rush, Warren B.	June 10, 80	As graduate.	Sidney			1882, 83, 84, 85, 86, 87	Left town; forfeited.
639	Rees, Wm. W.	June 7, 80	As assistant.	Hamburg			1882, 83, 84, 85, 86, 87	
647	Robinson, T. J.	June 9, 80	As owner.	Harlan	Manning	June 22, 86	1882, 83, 84, 85, 86, 87	Delinquent 1 year.
653	Raffauf, H. W.	June 3, 80	As assistant.	Independence			1882, 83, 84, 85, 86, 87	Forfeited.
667	Rigg, T. J.	June 2, 80	As owner.	Iowa City			1882, 83, 84, 85, 86, 87	In California.
685	Rankin, Thomas	June 4, 80	"	Keosauqua			1882, 83, 84, 85, 86, 87	Sold out; forfeited.
756	Resley, John	June 4, 80	"	Le Grand			1882, 83, 84, 85, 86, 87	Forfeited.
770	Rowlands, Thomas H.	June 7, 80	As assistant.	Council Bluffs			1882, 83, 84, 85, 86, 87	Left town; forfeited.
787	Roberts, Rose S.	June 30, 80	"	Ackley			1882, 83, 84, 85, 86, 87	Forfeited.
857	Roberts, James	June 5, 80	As owner.	Montezuma			1882, 83, 84, 85, 86, 87	
865	Rice, John D.	June 14, 80	As assistant.	Mapleton			1882, 83, 84, 85, 86, 87	
902	Reichard, D. O.	June 7, 80	As owner.	Mitchellville			1882, 83, 84, 85, 86, 87	
965	Richards, Clark L.	July 5, 80	As principal.	Davenport			1882, 83, 84, 85, 86, 87	
978	Rudolph, Chas.	July 5, 80	As owner.	Decorah			1882, 83, 84, 85, 86, 87	
985	Ramsey, A. A.	July 6, 80	"	Albia			1882, 83, 84, 85, 86, 87	
1017	Rummel, D. E.	June 3, 80	"	Olita			1882, 83, 84, 85, 86, 87	
997	Randall, F. G.	June 4, 80	"	Ottumwa			1882, 83, 84, 85, 86, 87	
1033	Roberts, Jason	June 12, 80	As principal.	Osceola			1882, 83, 84, 85, 86, 87	
1039	Renken, Eno C.	June 3, 80	As owner.	Parkersburg	Spirit Lake	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Superseded by 3085.
1070	Ray, Frank P.	June 5, 80	"	Red Oak			1882, 83, 84, 85, 86, 87	Delinquent 1 year.
1097	Ross, Lon F.	June 14, 80	"	Chelsea			1882, 83, 84, 85, 86, 87	
1117	Roach, Fred.	July 7, 80	"	Dubuque			1882, 83, 84, 85, 86, 87	
1133	Ruff, Oscar	July 7, 80	As assistant.	Denison			1882, 83, 84, 85, 86, 87	Forfeited.
1135	Rumsey, John J.	July 7, 80	"	Norway			1882, 83, 84, 85, 86, 87	Superseded by 2485.
1167	Reeves, Alvin B.	July 5, 80	As owner.	Norway			1882, 83, 84, 85, 86, 87	Dead.
1183	Reynolds, Geo. W.	July 11, 80	"	Kirkville		Oct. 20, 86	1882, 83, 84, 85, 86, 87	Superseded by 3182.
1202	Reeves, Thomas J.	June 22, 80	"	Seney	Earville	June 9, 87	1882, 83, 84, 85, 86, 87	
1206	Rees, Hiram S.	June 21, 80	As assistant.	Corydon			1882, 83, 84, 85, 86, 87	Forfeited.
1222	Radermacher, H.	June 9, 80	"	Stanwood			1882, 83, 84, 85, 86, 87	Forfeited.
1228	Ruemmel, T. A.	June 5, 80	As owner.	Shelby	Manning	June 24, 82	1882, 83, 84, 85, 86, 87	Forfeited.
1230	Roberts, Benj. F.	June 4, 80	"	Scranton			1882, 83, 84, 85, 86, 87	
1235	Reeves, I. C.	June 4, 80	"	Salem			1882, 83, 84, 85, 86, 87	
1238	Rigg, Thos.	June 9, 80	"	Tipton			1882, 83, 84, 85, 86, 87	Forfeited; in Cal.
1265	Renno, E. E.	July 5, 80	"	Union			1882, 83, 84, 85, 86, 87	Retired; forfeited.
1273	Ross, Thos. H.	June 8, 80	"	Van Meter			1882, 83, 84, 85, 86, 87	Forfeited.
1289	Ryerson, M. W.	June 4, 80	As principal.	Wilton Junction			1882, 83, 84, 85, 86, 87	Forfeited.
1291	Robbins, Alvin	June 7, 80	As owner.	Wilton			1882, 83, 84, 85, 86, 87	
1295	Ross, Jr., Wm. F.	June 2, 80	As assistant.	Wilton Junction			1882, 83, 84, 85, 86, 87	
1296	Ross, Sr., Wm. F.	June 2, 80	As owner.	Wilton Junction			1882, 83, 84, 85, 86, 87	
1302	Richards, G. B.	June 2, 80	"	Washington			1882, 83, 84, 85, 86, 87	Forfeited.
1304	Rodman, A. A.	June 8, 80	"	Washington			1882, 83, 84, 85, 86, 87	
1344	Rippey, Leander	June 4, 80	As assistant.	Winterset	Creston	Oct. 25, 87	1882, 83, 84, 85, 86, 87	
1292	Robbins, F. H.	June 7, 80	As owner.	Waukon			1882, 83, 84, 85, 86, 87	Delinquent 2 years.
1331	Robertson, F. W.	June 5, 80	"	Waterloo			1882, 83, 84, 85, 86, 87	
1365	Riggen, John A.	June 9, 80	"	Wellman			1882, 83, 84, 85, 86, 87	Sold out; forfeited.
1374	Rhoads, John F.	July 14, 80	"	Bedford			1882, 83, 84, 85, 86, 87	Forfeited.
1376	Rhoads, H. B.	July 14, 80	"	Bedford			1882, 83, 84, 85, 86, 87	
1377	Rhoads, Isaac L.	July 14, 80	"	Bedford			1882, 83, 84, 85, 86, 87	Forfeited.
1383	Rees, L. A.	July 5, 80	As assistant.	Des Moines	St. Ayr	Oct. 25, 86	1882, 83, 84, 85, 86, 87	Superseded by 3337.
1419	Rice, Chas.	July 13, 80	As owner.	Smithland			1882, 83, 84, 85, 86, 87	
1420	Rice, Richard C.	July 13, 80	"	Smithland			1882, 83, 84, 85, 86, 87	
1438	Rockhold, J. E.	July 19, 80	"	Clio			1882, 83, 84, 85, 86, 87	Forfeited.
1441	Riemcke, G. A.	July 19, 80	As assistant.	Muscataine			1882, 83, 84, 85, 86, 87	
1531	Riggs, Wm. K.	July 17, 80	As owner.	Castalia			1882, 83, 84, 85, 86, 87	Delinquent 1 year.
1601	Rhodes, Thos. H.	Aug. 14, 80	"	Kossuth			1882, 83, 84, 85, 86, 87	Sold out; forfeited.
1617	Runkle, Wm. H.	June 4, 80	"	Lisbon			1882, 83, 84, 85, 86, 87	Out of bus.; forfeited.
1620	Roff, H. J.	Aug. 7, 80	"	DeWitt		Nov. 14, 85	1882, 83, 84, 85, 86, 87	Superseded by 3243.
1630	Reinlinghaus, Mrs. E.	July 28, 80	As assistant.	Cantril			1882, 83, 84, 85, 86, 87	Dead.
1654	Rowland, W. E.	Aug. 14, 80	As owner.	Altoona			1882, 83, 84, 85, 86, 87	Out of bus.; forfeited.
1666	Ritz, Reinhart	Sept. 8, 80	"	Selma	Eldon	June 9, 86	1882, 83, 84, 85, 86, 87	
1684	Roberts, Harry	Aug. 4, 80	By examinat'n	Atlantic	Dallas Center	Apr. 10, 84	1882, 83, 84, 85, 86, 87	
1716	Rodemmel, R. H.	Sept. 7, 80	As owner.	Nevada	Jewell Junction	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Superseded by 3172.
1723	Roos, James G.	July 14, 80	As assistant.	Keokuk			1882, 83, 84, 85, 86, 87	
1736	Reiterman, C.	July 21, 80	As owner.	Le Grand			1882, 83, 84, 85, 86, 87	Forfeited; see No. 3085
1782	Rosser, W. H.	Aug. 12, 80	By examinat'n	Troy			1882, 83, 84, 85, 86, 87	Out of business.
1794	Rathburn, I. H.	Aug. 14, 80	"	Clinton			1882, 83, 84, 85, 86, 87	Left town.
1822	Reid, Chas. C.	Oct. 18, 80	"	Sabula	Preston	Apr. 18, 83	1882, 83, 84, 85, 86, 87	In Nebraska.
1869	Reed, A. L.	Oct. 14, 80	"	Manson	Cedar Rapids	Oct. 4, 86	1882, 83, 84, 85, 86, 87	
1873	Rankin, J. B.	Oct. 25, 80	"	Allison			1882, 83, 84, 85, 86, 87	
1878	Riggs, J. S.	Oct. 25, 80	"	Davenport			1882, 83, 84, 85, 86, 87	Delinquent 1 year.
1885	Riepe, A. C. H. E.	Aug. 4, 80	"	Iowa City			1882, 83, 84, 85, 86, 87	
1894	Reiss, H. C. A.	Aug. 11, 80	"	Muscataine			1882, 83, 84, 85, 86, 87	Delinquent 4 years.
1904	Reppert, Ferdinand	Aug. 6, 80	"	Oxford			1882, 83, 84, 85, 86, 87	
1906	Robinson, H. A.	July 30, 80	"	Decorah			1882, 83, 84, 85, 86, 87	
1923	Rudolph, L. F.	Nov. 29, 80	"	Big Grove			1882, 83, 84, 85, 86, 87	
1985	Robinson, L. B.	Dec. 17, 80	"	Des Moines	Osceola	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Sold out.
1987	Reel, Z. T.	Dec. 25, 80	"	Fayette			1882, 83, 84, 85, 86, 87	
2002	Rhoads, John	Dec. 28, 80	"	Corning			1882, 83, 84, 85, 86, 87	
2007	Rightmire, Geo.	Jan. 6, 81	"	Harper			1882, 83, 84, 85, 86, 87	Dead.
2029	Roseners, Daniel	Mar. 4, 81	As owner.	Bradyville			1883, 83, 84, 85, 86, 87	Forfeited.
2049	Raudabaugh, G. S.	Jan. 17, 81	By examinat'n	Baldwin			1883, 83, 84, 85, 86, 87	Sold out.
2050	Reynor, Marcus	Nov. 6, 80	"				1882, 83, 84, 85, 86, 87	In Nebraska.



ABSTRACT—CONTINUED.

60

STATE PHARMACY REGISTER.

[23]

[187]

STATE PHARMACY REGISTER.

61

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
2071	Roush, George R.	Mar. 14, 81	By examination	Sidney	Osceola	Aug. 28, 88	1882, 83, 84, 85, 86, 87	Delinquent 4 years.
2086	Reel, A. R.	April 6, 81	"	Des Moines	Parkersburg	Aug. 13, 85	1882, 83, 84, 85, 86, 87	Superseded by 3284.
2115	Riggs, J. A.	May 26, 81	"	Holland	Coon Rapids	Oct. 19, 85	1882, 83, 84, 85, 86, 87	Out of business.
2117	Root, J. K.	May 26, 81	"	Marengo	Harlan	April 14, 84	1882, 83, 84, 85, 86, 87	Ret'd; cane'd by r/q.
2121	Rockafellow, J. B.	April 27, 81	"	Atlantic	Cantril	April 14, 84	1882, 83, 84, 85, 86, 87	Delinquent 6 years.
2165	Rice, Chas. W.	July 11, 81	"	Marion	Des Moines	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Canceled by request.
2170	Rupert, Lawrence M.	July 15, 81	"	Afton	Orient	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Delinquent 1 year.
2179	Rowell, C. J.	Aug. 11, 81	"	Des Moines	Goshen	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Canceled by request.
2213	Rowcliff, James F.	Sept. 28, 81	"	Orient	Bryant	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Left town.
2219	Richardson, W. H.	Oct. 13, 81	"	Des Moines	Tipton	Mar. 22, 83	1882, 83, 84, 85, 86, 87	Delinquent 4 years.
2246	Reiff, Ernest	Oct. 10, 81	"	Bryant	West Side	Oct. 3, 82	1882, 83, 84, 85, 86, 87	
2270	Rehlaender, R. L.	Nov. 11, 81	"	Des Moines	Jefferson	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2281	Riggs, Anthony C.	Oct. 22, 81	"	Tipton	State Center	Dec. 14, 85	1882, 83, 84, 85, 86, 87	Dead.
2336	Richardson, Geo. A. B.	Feb. 3, 82	"	Blairstown	Dunlap	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2337	Riley, F. M.	Feb. 6, 82	"	Jefferson	Clarksville	April 12, 84	1882, 83, 84, 85, 86, 87	
2353	Rosegrant, S. C.	Feb. 20, 82	"	State Center	Nashua	April 12, 84	1882, 83, 84, 85, 86, 87	
2356	Randall, Chas. T.	Feb. 24, 82	"	Dunlap	Colfax	April 13, 86	1883, 84, 85, 86, 87	
2299	Ray, H. G.	Dec. 29, 81	"	Clarksville	Des Moines	Sept. 7, 87	1883, 84, 85, 86, 87	
2380	Ryan, J. R.	Mar. 27, 82	"	Colfax	Council Bluffs	Sept. 9, 84	1883, 84, 85, 86, 87	Delinquent 2 years.
2387	Rockwell, R. B.	April 4, 82	"	Bedford	Rowley	Sept. 9, 84	1883, 84, 85, 86, 87	
2469	Reeder, A. T.	June 2, 82	"	Colfax	Grinnell	Nov. 6, 87	1883, 84, 85, 86, 87	Dead.
2468	Robertson, J. C.	June 3, 82	"	Dublin	Denison	1883, 84, 85, 86, 87	1883, 84, 85, 86, 87	Dead.
2470	Records, Thomas E.	June 6, 82	"	West Branch	Independence	1883, 84, 85, 86, 87	1883, 84, 85, 86, 87	Dead.
2473	Robb, Fremont	June 6, 82	"	State Center	Waukon	Sept. 20, 87	1883, 84, 85, 86, 87	Out of business.
2485	Rumsey, John J.	June 22, 82	"	Denison	Burlington	April 24, 83	1883, 84, 85, 86, 87	
2489	Roberts, E. C.	June 19, 82	"	Independence	Le Mars	1883, 84, 85, 86, 87	1883, 84, 85, 86, 87	
2533	Robbins, C. A.	Sept. 14, 82	"	Waukon	Scranton	Sept. 20, 87	1883, 84, 85, 86, 87	
2537	Reigart, Emanuel H.	Oct. 1, 82	"	Waukon	Burlington	April 24, 83	1883, 84, 85, 86, 87	
2542	Robinson, David D.	Oct. 19, 82	"	Mt. Pleasant	Le Mars	1883, 84, 85, 86, 87	1883, 84, 85, 86, 87	
2545	Robinson, J. Theron	Oct. 20, 82	"	Martinsburg	Le Mars	1883, 84, 85, 86, 87	1883, 84, 85, 86, 87	
2546	Richey, M. W.	Oct. 25, 82	"	Le Mars	Le Mars	1883, 84, 85, 86, 87	1883, 84, 85, 86, 87	
2589	Rice, Allen T.	Mar. 20, 83	"	Le Mars	Persia	June 27, 84	1883, 84, 85, 86, 87	Delinquent 3 years.
2592	Richardson, J. F.	Mar. 20, 83	"	Le Mars	Harper	1883, 84, 85, 86, 87	1883, 84, 85, 86, 87	Revoked.
2598	Reber, Fred.	May 10, 83	"	Atlantic	Atlantic	1884, 85, 86, 87	1884, 85, 86, 87	
2615	Ritter, John M.	June 12, 83	"	Richmond	Kalona	Oct. 17, 87	1884, 85, 86, 87	Forfeited.
2701	Richard, Francis	Nov. 20, 83	"	West Point	West Point	1884, 85, 86, 87	1884, 85, 86, 87	
2699	Rueb, Henry J.	Oct. 26, 83	As graduate	Flum Hollow	Flum Hollow	1884, 85, 86, 87	1884, 85, 86, 87	
2707	Royce, Chas. S.	Dec. 12, 83	By examination	Oakland	Oakland	1884, 85, 86, 87	1884, 85, 86, 87	Delinquent 2 years.
2711	Rambo, James W.	Jan. 5, 84	"	Leandro	Leandro	1884, 85, 86, 87	1884, 85, 86, 87	Delinquent 2 years.
2718	Rogers, Ed. M.	Feb. 5, 84	"	Burlington	Monroe	Mar. 2, 87	1885, 86, 87	
2735	Robinson, Ed. H.	April 1, 84	"	Nevinsville	Bridgewater	April 14, 86	1885, 86, 87	
2741	Hegan, Edwin W.	April 15, 84	"	Des Moines	Bridgewater	April 14, 86	1885, 86, 87	Left the State.
2747	Rose, H. J. R.	May 12, 84	"	Des Moines	Des Moines	1885, 86, 87	1885, 86, 87	
2798	Reynolds, G. D.	Sept. 2, 84	"	Des Moines	Des Moines	1885, 86, 87	1885, 86, 87	
2846	Randolph, Frank	Mar. 3, 85	"	Des Moines	Des Moines	1885, 86, 87	1885, 86, 87	
2849	Rogusch, Wm. A.	Mar. 17, 85	"	Manson	Marshalltown	July 10, 86	1885, 86, 87	Now in Denver, Col.
2850	Rahte, Richard S.	Mar. 27, 85	As graduate	Van Horne	Van Horne	1886, 87	1886, 87	Delinquent 1 year.
2876	Rice, John A.	May 5, 85	By examination	Milton	Milton	1886, 87	1886, 87	
2912	Roberts, Mahlon	Aug. 6, 85	"	Pleasant Plaine	Pleasant Plaine	1886, 87	1886, 87	
2924	Rogan, W. H.	Sept. 14, 85	"	Bayard	Bayard	1886, 87	1886, 87	
2928	Ruff, Oscar	Oct. 1, 85	As graduate	Dubuque	Dubuque	Oct. 27, 86	1886, 87	
2951	Ramsey, J. N.	Dec. 1, 85	By examination	Keota	Keokuk	June 29, 86	1886, 87	
2955	Reche, Henry C.	Dec. 26, 85	Graduate	Sioux City	Dubuque	Aug. 21, 86	1886, 87	
2965	Ross, Chas. R.	Feb. 9, 86	"	Wilton	Tipton	1886, 87	1886, 87	
2978	Rawls, J. A.	Feb. 2, 86	By examination	Creston	Creston	1887	1887	In Omaha, Neb.
3022	Rickel, Tremont W.	June 1, 86	"	Casey	Casey	1887	1887	Superseded by 3224.
3025	Reed, Chas. W.	June 1, 86	"	Aurelia (Condit)	for one year only	1887	1887	
3067	Riley, Andrew G.	Aug. 20, 86	"	Jefferson	Jefferson	1887	1887	
3085	Renken, E. C.	Oct. 5, 86	"	Spirit Lake	Spirit Lake	1887	1887	
3088	Reiterman, Chas.	Oct. 5, 86	"	Le Grand	Le Grand	1887	1887	
3131	Reynolds, M. M.	Feb. 1, 87	"	Panora	Panora	1887	1887	
3172	Rodearmel, R. H.	Mar. 15, 87	"	Jewell	Jewell	1887	1887	
3181	Reynolds, G. W.	Mar. 30, 87	"	Kirkville	Kirkville	1887	1887	
3224	Reed, C. W.	Apr. 1, 87	"	Steamboat Rock	Woodbine	Oct. 19, 87	1887	
3227	Ryan, James B.	Dec. 21, 86	"	Dunlap	Winthrop	July 1, 87	1887	
3232	Rawson, C. D.	Mar. 26, 87	"	Van Meter	Van Meter	1887	1887	
3212	Ralsburg, A. P.	May 17, 87	"	Brooklyn	Brooklyn	1887	1887	
3213	Roff, H. J.	May 17, 87	"	Lyons	Lyons	1887	1887	
3254	Roberts, F. J.	June 7, 87	"	Ute	Ute	1887	1887	
3264	Richardson, Joshua	June 21, 87	"	Moravia	Moravia	1887	1887	
3284	Riggs, John A.	Aug. 1, 87	"	Parkersburg	Parkersburg	1887	1887	
3288	Ramsey, Robt. B.	Aug. 2, 87	"	Floris	Floris	1887	1887	
3327	Raymond, Wm. P.	Oct. 4, 87	"	Waukon	Waukon	1887	1887	
3337	Reese, L. A.	Oct. 18, 87	"	Des Moines	Hamburg	Nov. 15, 87	1887	
3343	Riddle, N. D.	Nov. 3, 87	"	Atalissa	Atalissa	1887	1887	
9	Starr, J. W.	June 7, 80	As owner	Lacona	Fairfield	Oct. 20, 85	1882, 83, 84, 85, 86, 87	Forfeited; see 3320.
14	Sherman, Milo A.	June 4, 80	"	Fredericksburg	Fredericksburg	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Left State; forfeited.
16	Smith, Cameron	June 3, 80	"	Carlisle	Carlisle	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Forfeited.
17	Smith, J. O.	June 3, 80	"	Floris	Drakeville	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Delinquent 1 year.
20	Stafford, David	June 2, 80	"	Kellerton	Kellerton	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Retired; forfeited.
24	Sinnard, Cyrus	June 4, 80	"	Kirkville	Kirkville	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Forfeited.
25	Stevens, John R.	June 2, 80	"	Cantril	Cantril	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
26	Schen, Chas.	June 4, 80	"	Stacyville	Stacyville	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
37	Snyder, H. K.	June 2, 80	As principal	Grinnell	Grinnell	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
53	Seldier, Wm.	June 7, 80	As owner	Minburn	Minburn	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
59	Stearns, L. A.	June 5, 80	As assistant	Fredericksburg	Fredericksburg	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Forfeited.



ABSTRACT—CONTINUED.

62

STATE PHARMACY REGISTER.

[23]

1887.]

STATE PHARMACY REGISTER.

63

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
60	Stanley, C. W.	June 5, 80	As owner	Decatur City			1882, 83, 84, 85, 86, 87	Forfeited.
87	Sherman, J. M.	June 9, 80	"	Paton			1882, 83, 84, 85, 86, 87	Forfeited.
95	Shepard, A. J.	June 9, 80	As assistant	Randolph			1882, 83, 84, 85, 86, 87	Forfeited.
100	Swearingen, A.	June 7, 80	As owner	Leon			1882, 83, 84, 85, 86, 87	Forfeited.
112	Sowles, Edwin E.	June 10, 80	"	Nora Springs			1882, 83, 84, 85, 86, 87	Forfeited.
127	Satterthwait, J. W.	June 4, 80	"	Mt. Pleasant			1882, 83, 84, 85, 86, 87	Forfeited.
129	Sherman, Nancy B.	June 15, 80	"	Grafton			1882, 83, 84, 85, 86, 87	Forfeited.
149	Sayres, Wm.	June 16, 80	"	Cincinnati			1882, 83, 84, 85, 86, 87	Forfeited.
157	Sumner, J. W.	June 17, 80	"	Walkersville			1882, 83, 84, 85, 86, 87	Forfeited.
191	Smith, Wm. H.	June 21, 80	"	Marysville	Urbana P. O.		1882, 83, 84, 85, 86, 87	Forfeited.
199	Salmon, M. M.	June 11, 80	"	Burlington			1882, 83, 84, 85, 86, 87	Superseded by 2279.
210	Strobridge, Chas. A.	June 18, 80	"	Monona			1882, 83, 84, 85, 86, 87	Forfeited.
219	Shancks, F. B.	June 16, 80	"	West Mitchell			1882, 83, 84, 85, 86, 87	Forfeited.
224	Stewart, Thos. S.	June 16, 80	"	Rock Falls			1882, 83, 84, 85, 86, 87	Forfeited.
222	Shumway, M.	June 3, 80	"	Brush Creek			1882, 83, 84, 85, 86, 87	Forfeited.
240	Sheetz, L. A.	June 14, 80	"	Algona			1882, 83, 84, 85, 86, 87	Forfeited.
241	Stauffer, D. R.	June 15, 80	As assistant	Ackley			1882, 83, 84, 85, 86, 87	Superseded by 1907.
246	Sherman, John	June 3, 80	As owner	Anita			1882, 83, 84, 85, 86, 87	Revoked.
259	Straight, S. W. W.	June 3, 80	"	Atlantic			1882, 83, 84, 85, 86, 87	Forfeited.
260	Schultz, H. E.	June 8, 80	"	Alden	Dows	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Forfeited.
273	Smith, W. H.	June 3, 80	"	Shell Rock			1882, 83, 84, 85, 86, 87	Forfeited.
275	Skinner, Wm. B.	June 10, 80	As assistant	Cherokee			1882, 83, 84, 85, 86, 87	Forfeited.
276	Skinner, Wm. M.	June 10, 80	As owner	Anamosa			1882, 83, 84, 85, 86, 87	Forfeited.
277	Skinner, Mary A.	June 10, 80	As assistant	Anamosa			1882, 83, 84, 85, 86, 87	Superseded by 3205.
302	Severa, Vencel	June 7, 80	"	Belle Plaine	Cedar Rapids	Sept. 19, 82	1882, 83, 84, 85, 86, 87	Superseded by 3205.
329	Smith, Jos. T.	June 22, 80	As owner	Corning			1882, 83, 84, 85, 86, 87	Dead.
386	Sylvester, Wm.	June 3, 80	As assistant	Cherokee			1882, 83, 84, 85, 86, 87	Dead.
387	Sylvester, W. G.	June 3, 80	As owner	Cincinnati			1882, 83, 84, 85, 86, 87	Forfeited.
388	Sturdivant, John M.	June 9, 80	"	Centerville		May 15, 82	1882, 83, 84, 85, 86, 87	Forfeited.
390	Swafford, Isiah	June 9, 80	"	Carlisle			1882, 83, 84, 85, 86, 87	Forfeited.
391	Stanosheck, F. J.	June 9, 80	"	Cherokee			1882, 83, 84, 85, 86, 87	Forfeited.
392	Stevenson, Sr., Robt.	June 6, 80	"	Centerville			1882, 83, 84, 85, 86, 87	Dead.
393	Salmon, G. A.	June 2, 80	"	Columbus Junction			1882, 83, 84, 85, 86, 87	Canceled by request.
394	Smith, Geo. E.	June 2, 80	"	Clarence			1882, 83, 84, 85, 86, 87	Dead.
395	Stiles, Arthur E.	June 12, 80	"	Calmar			1882, 83, 84, 85, 86, 87	Dead.
430	Sherman, Chas. E.	June 12, 80	As assistant	Des Moines	Des Moines	Aug. 14, 82	1882, 83, 84, 85, 86, 87	Dead.
447	Schlegel, Gustave	June 8, 80	As owner	Davenport			1882, 83, 84, 85, 86, 87	Forfeited.
453	Smith, R. W.	June 7, 80	As assistant	Dyersville			1882, 83, 84, 85, 86, 87	Forfeited.
454	Smith, David S.	June 7, 80	As owner	Dyersville			1882, 83, 84, 85, 86, 87	Forfeited.
456	Stanley, J. G.	June 7, 80	"	Davenport			1882, 83, 84, 85, 86, 87	Forfeited.
459	Stevenson, J. E.	June 4, 80	"	Dunlap			1882, 83, 84, 85, 86, 87	Forfeited.
469	Satterlee, Dwight	June 9, 80	"	Dunlap	Sioux City	July 11, 84	1882, 83, 84, 85, 86, 87	Forfeited. See 3202.
468	Schmidt, Wm. Fred.	June 10, 80	As assistant	Dubuque			1882, 83, 84, 85, 86, 87	Dead.
475	Satterlee, E. S.	June 3, 80	"	Dunlap			1882, 83, 84, 85, 86, 87	Dead.
488	Slawson, Frank M.	June 24, 80	As owner	Gifford			1882, 83, 84, 85, 86, 87	Forfeited.
489	Shelfield, Richard H.	June 24, 80	"	Malvern			1882, 83, 84, 85, 86, 87	Forfeited.
501	Snyder, O. H.	June 6, 80	"	Monticello			1882, 83, 84, 85, 86, 87	Forfeited.
504	Shoffer, John M.	June 3, 80	"	Norway			1882, 83, 84, 85, 86, 87	Forfeited.
513	Springer, James T.	June 4, 80	"	Norway			1882, 83, 84, 85, 86, 87	Forfeited.
514	Springer, S. H.	June 4, 80	"	Norway			1882, 83, 84, 85, 86, 87	Dead.
515	Swan, L. M.	June 25, 80	"	Aplington			1882, 83, 84, 85, 86, 87	Forfeited.
528	Sproat, Wm. S.	June 10, 80	"	Corydon			1882, 83, 84, 85, 86, 87	Forfeited.
527	Stady, Eugene	June 10, 80	As assistant	Corydon			1882, 83, 84, 85, 86, 87	Forfeited.
554	Shipman, R. M.	June 21, 80	As owner	Emerson			1882, 83, 84, 85, 86, 87	In Dakota.
594	Smith, Horace W.	June 4, 80	"	Garner			1882, 83, 84, 85, 86, 87	Superseded by 1933.
597	Scar, George F.	June 21, 80	"	Griswold			1882, 83, 84, 85, 86, 87	Forfeited.
603	Sayre, Albert H.	June 17, 80	"	Menlo			1882, 83, 84, 85, 86, 87	Forfeited.
612	Schussler, L. F.	June 2, 80	"	Garden Grove			1882, 83, 84, 85, 86, 87	Forfeited.
615	Simmons, John B.	June 7, 80	"	Hamburg			1882, 83, 84, 85, 86, 87	Delinquent 1 year.
640	Snodgrass, Frank	June 3, 80	"	Independence			1882, 83, 84, 85, 86, 87	Forfeited.
651	Smale, George	June 3, 80	"	Ida Grove			1882, 83, 84, 85, 86, 87	Forfeited.
654	Scott, Wm. J.	June 4, 80	"	Ida Grove	Gilden	Mar. 26, 85	1882, 83, 84, 85, 86, 87	Superseded by 3175.
678	Stafford, Eugene J.	June 7, 80	"	Kellogg			1882, 83, 84, 85, 86, 87	Forfeited.
680	Strickling, Joseph C.	June 3, 80	As assistant	Keosauqua			1882, 83, 84, 85, 86, 87	Sold out. Forfeited.
684	Schulenburg, Robert	June 1, 80	"	Keokuk			1882, 83, 84, 85, 86, 87	Dead.
692	Stuckert, Wm.	June 5, 80	As principal	Keokuk			1882, 83, 84, 85, 86, 87	Superseded by 2385.
721	Strader, W. E.	June 28, 80	As owner	Iowa City			1882, 83, 84, 85, 86, 87	Forfeited.
726	Smith, Charles E.	June 17, 80	"	Memory			1882, 83, 84, 85, 86, 87	Removed.
734	Stephenson, A. U.	June 16, 80	"	East Des Moines			1882, 83, 84, 85, 86, 87	Forfeited.
736	Stempel, Arthur H.	July 1, 80	As assistant	Fort Madison			1882, 83, 84, 85, 86, 87	Forfeited.
737	Sill, Frank M.	June 23, 80	As principal	Coldfield			1882, 83, 84, 85, 86, 87	Forfeited.
740	Seaver, Bert	June 26, 80	As assistant	Cedar Falls			1882, 83, 84, 85, 86, 87	Forfeited.
743	Swan, Balmore F.	June 21, 80	As owner	Lake City	Sioux City	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Superseded by 2230.
760	Schenk, G. W.	June 4, 80	"	Lyons			1882, 83, 84, 85, 86, 87	Forfeited.
764	Snyder, Daniel B.	June 5, 80	"	Lyons	What Cheer	May 5, 86	1882, 83, 84, 85, 86, 87	Forfeited.
773	Sanford, H. C.	June 18, 80	As assistant	Sioux City			1882, 83, 84, 85, 86, 87	Forfeited.
780	Stephens, Cyrus R.	June 3, 80	"	Tracy			1882, 83, 84, 85, 86, 87	Forfeited.
790	Sarion, Anton	June 12, 80	As owner	Coldfield	Kingsley	April 9, 84	1882, 83, 84, 85, 86, 87	Forfeited.
797	Stone, Frank U.	June 18, 80	"	Carbon			1882, 83, 84, 85, 86, 87	Forfeited.
734	Snider, Charles	June 1, 80	"	Mt. Pleasant			1882, 83, 84, 85, 86, 87	In Peoria. Forfeited.
835	Snider, David S.	June 1, 80	"	Mt. Pleasant			1882, 83, 84, 85, 86, 87	Forfeited.
836	Snider, Howard E.	June 1, 80	"	Mt. Pleasant			1882, 83, 84, 85, 86, 87	Forfeited.
852	Shiley, George P.	June 2, 80	"	Missouri Valley			1882, 83, 84, 85, 86, 87	Superseded by 3208.
853	Shiley, D. A.	June 2, 80	"	Missouri Valley	Bedford	Mar. 26, 84	1882, 83, 84, 85, 86, 87	Superseded by 3208.
859	Summers, L. F.	June 8, 80	"	Milton			1882, 83, 84, 85, 86, 87	Delinquent 1 year.
876	Struthers, Wm. H.	June 4, 80	As assistant	Mt. Ayr			1882, 83, 84, 85, 86, 87	Delinquent 1 year.



# ABSTRACT—CONTINUED.

64

STATE PHARMACY REGISTER.

1887

1887

STATE PHARMACY REGISTER.

65

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
897	Sawyers, David A.	June 22, 80	As owner	Macksburg			1882, 83, 84, 85, 86, 87	
907	Stevens, John H.	June 28, 80	"	Montor			1882, 83, 84, 85, 86, 87	Sold out.
914	Scott, Walter G.	July 2, 80	As assistant	Des Moines			1882, 83, 84, 85, 86, 87	
919	Smith, Henry C.	June 22, 80	"	Manchester			1882, 83, 84, 85, 86, 87	
921	Sellers, Harry F.	July 3, 80	"	Dubuque			1882, 83, 84, 85, 86, 87	Dead.
924	Solberg, Hans D.	July 2, 80	As owner	Decorah			1882, 83, 84, 85, 86, 87	Forfeited.
930	Scribner, Wm. H.	June 23, 80	"	Newton			1882, 83, 84, 85, 86, 87	
931	Skiff, Harvey J.	June 5, 80	"	Newton			1882, 83, 84, 85, 86, 87	
943	Stevens, C. S.	June 7, 80	As assistant	Lime Springs			1882, 83, 84, 85, 86, 87	Forfeited.
947	Stafford, James.	June 21, 80	As owner	Nichols			1882, 83, 84, 85, 86, 87	Forfeited.
953	Stafford, John R.	June 25, 80	"	New London			1882, 83, 84, 85, 86, 87	Forfeited.
963	Scott, John	July 5, 80	"	Calmar			1882, 83, 84, 85, 86, 87	
973	Stevens, Delos D.	July 2, 80	"	La Fayette			1882, 83, 84, 85, 86, 87	
975	Smith, John R.	July 6, 80	"	Kellogg			1882, 83, 84, 85, 86, 87	
976	Smith, James A.	July 6, 80	"	Kellogg			1882, 83, 84, 85, 86, 87	Delinquent 2 years.
987	Schafer, Geo. H.	July 8, 80	"	Ft. Madison			1882, 83, 84, 85, 86, 87	Superseded by 1940.
989	Stoops, Curtis A.	June 5, 80	"	Odebolt			1882, 83, 84, 85, 86, 87	Forfeited.
996	Smith, W. C.	June 8, 80	As assistant	Ottumwa			1882, 83, 84, 85, 86, 87	Forfeited.
1006	Sprague, Parley B.	June 10, 80	As owner	Red Oak		Jan. 9, 87	1882, 83, 84, 85, 86, 87	
1010	Steinson, James.	June 5, 80	"	Ottumwa			1882, 83, 84, 85, 86, 87	In Dakota; forfeitdd.
1014	Summerwill, Wm. J.	June 7, 80	"	Odebolt			1882, 83, 84, 85, 86, 87	
1018	Somers, John W.	June 7, 80	As principal	Ida Grove		June 22, 82	1882, 83, 84, 85, 86, 87	Forfeited. See 3014.
1020	Schultz, Charles E.	June 14, 80	As assistant	Ogden		June 22, 82	1882, 83, 84, 85, 86, 87	Left town. Forfeited.
1044	Stebbins, Richard.	June 3, 80	As owner	Onawa			1882, 83, 84, 85, 86, 87	Delinquent 1 year.
1057	Stadt, Anton.	June 9, 80	"	Postville			1882, 83, 84, 85, 86, 87	
1058	Stadt, Godfrey.	June 9, 80	"	Postville			1882, 83, 84, 85, 86, 87	
1083	Swayze, Henry A.	June 11, 80	"	Richland			1882, 83, 84, 85, 86, 87	Forfeited.
1084	Sprague, J. F.	June 3, 80	"	Russell			1882, 83, 84, 85, 86, 87	
1093	Shank, Jefferson.	June 9, 80	As assistant	Red Oak			1882, 83, 84, 85, 86, 87	Dead.
1095	Shank, Henry O.	June 9, 80	As owner	Red Oak			1882, 83, 84, 85, 86, 87	
1105	Spear, Frank A.	June 9, 80	As assistant	Albion			1882, 83, 84, 85, 86, 87	Forfeited.
1110	Stauffer, J. A.	June 26, 80	As owner	Des Moines			1882, 83, 84, 85, 86, 87	
1119	Storie, D. Q.	July 8, 80	"	Chariton			1882, 83, 84, 85, 86, 87	Forfeited.
1126	Seay, Peter H.	July 6, 80	"	Afton			1882, 83, 84, 85, 86, 87	
1127	Schroeder, Frederick	June 7, 80	"	Des Moines			1882, 83, 84, 85, 86, 87	
1129	Sandholm, John A.	June 16, 80	As assistant	Des Moines			1882, 83, 84, 85, 86, 87	Superseded 2122.
1131	Spaulding, E. J.	July 9, 80	"	Des Moines			1882, 83, 84, 85, 86, 87	
1138	Smith, Ellis M.	July 5, 80	As owner	Eldora			1882, 83, 84, 85, 86, 87	Forfeited.
1141	Scott, Calvin B.	June 30, 80	"	Fontanella			1882, 83, 84, 85, 86, 87	
1144	Smith, Henry.	July 5, 80	"	Garnaville		June 27, 85	1882, 83, 84, 85, 86, 87	Forfeited; see 3206.
1150	Stover, Noah W.	July 7, 80	"	Lucas			1882, 83, 84, 85, 86, 87	Superseded by 2434.
1163	Shepard, Nathaniel.	July 6, 80	"	Mondamin		Mar. 22, 82	1882, 83, 84, 85, 86, 87	Superseded by 3206.
1177	Seabee, John G.	June 9, 80	"	Shell Rock			1882, 83, 84, 85, 86, 87	Forfeited.
1178	Stonebreaker, G.	June 4, 80	"	Shell Rock			1882, 83, 84, 85, 86, 87	
1215	Seefeld, Geo. H.	June 22, 80	"	Strawberry Point			1882, 83, 84, 85, 86, 87	Delinquent 2 years.
1246	Springer, Newton T.	June 7, 80	As assistant	Toledo			1882, 83, 84, 85, 86, 87	
1247	Springer, Joshua N.	June 7, 80	As owner	Toledo			1882, 83, 84, 85, 86, 87	Delinquent 2 years.
1248	Springer, Geo. L.	June 8, 80	As assistant	Toledo			1882, 83, 84, 85, 86, 87	Superseded by 3217.
1249	Siger, Stephen	June 8, 80	As owner	Toledo		Mar. 22, 82	1882, 83, 84, 85, 86, 87	
1252	Soeman, Henry.	June 18, 80	"	Town City			1882, 83, 84, 85, 86, 87	
1270	Safford, W. G.	June 8, 80	"	Villisca		Mar. 22, 82	1882, 83, 84, 85, 86, 87	Forfeited.
1271	Stennett, Daniel	June 8, 80	"	Villisca			1882, 83, 84, 85, 86, 87	Retired; forfeited.
1327	Seefeld, Proctor D.	June 9, 80	"	West Union			1882, 83, 84, 85, 86, 87	
1337	Shutts, Harvey L.	June 7, 80	"	Waterloo			1882, 83, 84, 85, 86, 87	
1340	Snowden, Wm.	June 5, 80	"	Waterloo			1882, 83, 84, 85, 86, 87	
1357	Sifford, Lewis J.	June 14, 80	"	Waterloo			1882, 83, 84, 85, 86, 87	
1359	Snyder, Geo. W.	June 26, 80	"	Well Lake			1882, 83, 84, 85, 86, 87	
1379	Storie, Geo. W.	July 14, 80	As assistant	Des Moines		June 26, 85	1882, 83, 84, 85, 86, 87	Forfeited.
1397	Scotes, Chas S.	July 16, 80	"	Chariton		Mar. 22, 82	1882, 83, 84, 85, 86, 87	Dead.
1398	Scotes, Hamilton J.	June 9, 80	As owner	Knoxville		Dec. 26, 82	1882, 83, 84, 85, 86, 87	Forfeited.
1399	Sullivan, Fielding	July 12, 80	As assistant	Kellerton			1882, 83, 84, 85, 86, 87	
1433	Stephens, Wallace	July 19, 80	"	Sidney		Nov. 19, 84	1882, 83, 84, 85, 86, 87	Forfeited.
1454	Stephenson, Chas. W.	July 17, 80	As owner	Troy			1882, 83, 84, 85, 86, 87	Forfeited.
1456	Stolte, Louis C.	July 17, 80	As assistant	Franklin Center			1882, 83, 84, 85, 86, 87	Forfeited.
1468	Smith, Chas. E.	June 4, 80	As owner	Shellsburg			1882, 83, 84, 85, 86, 87	Forfeited.
1476	Sweet, Homer L.	July 17, 80	"	Mt. Etna			1882, 83, 84, 85, 86, 87	In Dakota; forfeited.
1488	Sayres, Arlington M.	July 22, 80	"	Cincinnati			1882, 83, 84, 85, 86, 87	
1498	Stewart, John H.	July 21, 80	"	Crawfordsville		Oct. 31, 85	1882, 83, 84, 85, 86, 87	Forfeited.
1511	Smith, Albert B.	July 23, 80	"	Winterset		April 19, 84	1882, 83, 84, 85, 86, 87	Superseded by 3105.
1521	Silverthorn, O. E.	July 26, 80	As principal	Wreston			1882, 83, 84, 85, 86, 87	superseded by 3189.
1545	Stewart, Sescio	July 26, 80	As owner	Big Grove			1882, 83, 84, 85, 86, 87	In Nebraska.
1547	Salmon, Joseph F.	July 30, 80	"	Ft. Madison			1882, 83, 84, 85, 86, 87	Forfeited.
1548	Salmon, Theodore.	July 30, 80	As assistant	Ft. Madison			1882, 83, 84, 85, 86, 87	
1573	Smith, Thos. E.	July 29, 80	As owner	De Soto		May 19, 84	1882, 83, 84, 85, 86, 87	Forfeited.
1582	Smith, F. H.	June 3, 80	"	Villisca			1882, 83, 84, 85, 86, 87	
1608	Surgis, N. F.	June 8, 80	"	Carroll			1882, 83, 84, 85, 86, 87	
1616	Smith, T. H.	July 25, 80	"	Brayton		Aug. 5, 85	1882, 83, 84, 85, 86, 87	Forfeited.
1622	Sikkema, H. H.	Aug. 2, 80	As assistant	Butler Center			1882, 83, 84, 85, 86, 87	Forfeited.
1629	Stueckert, Otto.	Aug. 4, 80	"	Keokuk			1882, 83, 84, 85, 86, 87	Forfeited.
1635	Stroggs, J. P.	Aug. 16, 80	As owner	Lenox			1882, 83, 84, 85, 86, 87	
1648	Stempel, G. L.	Aug. 22, 80	"	Cedar Bluffs		June 19, 84	1882, 83, 84, 85, 86, 87	Superseded by 3125.
1656	Smith, Mrs. I.	Aug. 30, 80	"	Abingdon			1882, 83, 84, 85, 86, 87	Forfeited.
1665	Shepherd, Jas. M.	Sept. 9, 80	As assistant	Davis City			1882, 83, 84, 85, 86, 87	Dead.
1668	Spendlove, Wm.	Aug. 2, 80	By examination	Red Oak			1882, 83, 84, 85, 86, 87	Delinquent 6 years.
1679	Stratton, Herbert R.	July 28, 80	"	Red Oak			1882, 83, 84, 85, 86, 87	Left the State.
1682	Stuart, Jas. D.	July 30, 80	"	Mondamin		Nov. 10, 87	1882, 83, 84, 85, 86, 87	
1685	Souers, Webb	Aug. 2, 80	"	Des Moines			1883, 84, 85, 86, 87	



# ABSTRACT-CONTINUED.

66

STATE PHARMACY REGISTER.

[2]

1887.]

STATE PHARMACY REGISTER.

67

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
1697	Smith, H. C.	Aug. 11, 80	By examinat'n	Moulton	Marengo	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Removed to Bl'k Hills
1698	Stevens, Geo. L.	Aug. 11, 80	"	Dexter	Kinross	April 23, 82	1882, 83, 84, 85, 86, 87	
1700	Smith, C. F.	Aug. 6, 80	"	Nichols Junction	Des Moines	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
1712	Schmucker, D. R.	Aug. 30, 80	As owner	Ottumwa	Grundy Center	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Sold out; forfeited.
1720	Scott, E. M. B.	July 30, 80	"	Amish	Hudson	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Forfeited.
1721	Swartz, M. K.	Sept. 3, 80	"	Reno	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Forfeited.
1728	Squire, Joseph N.	Sept. 16, 80	"	Guthrie Center	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Superseded by 3137.
1741	Steen, John J.	Sept. 21, 80	"	Waterloo	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Forfeited.
1752	Slusher, J. M.	Aug. 19, 80	"	Villisca	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Dead.
1753	Satterlee, D. S.	Oct. 5, 80	"	Amama	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Retired.
1759	Sherwood, Jos. B.	Sept. 29, 80	As assistant	Onslow	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Forfeited.
1774	Showden, John E.	Oct. 11, 80	By examinat'n	North English	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Forfeited.
1795	Simmons, Robert	Aug. 2, 80	By examinat'n	Libourne	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Dead.
1797	Schadt, Conrad	Aug. 5, 80	"	Anita	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Retired.
1813	Siemers, John	Oct. 21, 80	As owner	Cedar Rapids	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Forfeited.
1817	Shorts, A. F.	Oct. 25, 80	"	West Point	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Forfeited.
1821	Strong, Jacob	Oct. 30, 80	"	Vinton	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Forfeited.
1840	Stansberry, Grant S.	Sept. 23, 80	By examinat'n	Centerville	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Sold out; forfeited.
1861	Sherman, Chas. R.	Sept. 3, 80	"	Creston	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Now at Omaha.
1865	Sommerbeck, R.	Sept. 23, 80	"	Anita	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Out of business.
1871	Salmon, E. J.	Sept. 13, 80	"	Fairfield	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Out of business.
1888	Speers, Geo. W.	July 30, 80	"	Bevington	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Out of business.
1893	Stewart, Chas. M. C.	Aug. 9, 80	"	Sanborn	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Delinquent 6 years.
1930	Smith, Howard B.	Oct. 9, 80	"	Sanborn	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Out of business.
1967	Sherman, John	Sept. 23, 80	"	Alphons	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Forfeited.
1914	Stillmans, W. C.	Oct. 29, 80	"	Fairfield	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Delinquent 6 years.
1919	Smith, E. J.	Aug. 4, 80	"	Bevington	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Out of business.
1931	Sear, Geo. F.	Nov. 9, 80	"	Sanborn	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Forfeited.
1910	Schaffer, George H.	Dec. 15, 80	"	La Fayette	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Forfeited.
1958	Slocum, Eugene	Feb. 14, 81	As assistant	Garrison	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Forfeited.
1963	Smith, Howard B.	Feb. 16, 81	"	Garrison	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Forfeited.
1965	Stearns, T. C.	Oct. 30, 80	As owner	Garrison	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Forfeited.
1992	Stever, David H.	Dec. 13, 80	By examinat'n	Garrison	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Delinquent 6 years.
1999	Saunders, Wm H.	Jan. 3, 80	"	Garrison	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Out of business.
2004	Smith, Charles	Dec. 30, 80	"	Garrison	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Forfeited.
2010	Schaffer, Lewis O.	Mar. 2, 81	"	Garrison	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Forfeited.
2023	Stevens, Emma F.	Mar. 10, 81	As owner	Garrison	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Forfeited.
2030	Slater, G. W.	April 12, 81	"	Garrison	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Forfeited.
2064	Sperry, Lewis B.	Mar. 17, 81	By examinat'n	Hamburg	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Dead.
2069	Sweetser, W. W.	Jan. 28, 81	"	Storm Lake	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Delinquent 5 years.
2070	Swartz, John L.	Jan. 10, 81	"	Iowa Falls	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Rem. to Geneseo, Ill.
2072	Salsbury, G. R.	Feb. 5, 81	"	Lenox	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Left the county.
2090	Sheriff, Charles	Mar. 1, 81	"	Dave	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Revoked.
2091	Sieker, John	Mar. 1, 81	"	Audubon	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Forfeited.
2093	Sager, C. A.	Feb. 25, 81	"	Primrose City	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Delinquent 4 years.
2106	Stockton, Wm. W.	May 9, 81	As graduate	Dubique	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	Delinquent 4 years.
2118	Smith, N. M.	April 27, 81	By examinat'n	Peru	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2125	Stevens, H. J.	May 28, 81	"	Shenandoah	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2127	Schriever, Wm.	May 17, 81	"	Richland	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2129	Spaulding, S. J.	May 23, 81	"	Sioux	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2133	Stuart, George A.	May 19, 81	"	Indianola	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2137	Strickler, B. E.	June 7, 81	"	Weldon	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2140	Selby, J. Milton	June 23, 81	"	Hastings	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2142	Stoll, L. S.	May 24, 81	"	Dows	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2144	Schlumberger, Philip	May 27, 81	"	Carbon	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2116	Stutsman, D. W.	Feb. 28, 81	As owner	Areadia	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2153	Sager, F. P.	June 14, 81	By examinat'n	Griswold	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2169	Stevens, R. Appleton	July 26, 81	"	Bonaparte	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2172	Stevens, T. G.	July 18, 81	"	Afton	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2156	Sampson, J. W.	Aug. 12, 81	"	Brandon	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2197	Selby, B. W.	Aug. 11, 81	"	Sidney	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2211	Slater, Daniel F.	Sept. 28, 81	"	Fairfield	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2230	Schenk, G. W.	Sept. 5, 81	"	Carbon	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2231	Silverthorn, A. F.	Oct. 3, 81	"	Stratford	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2257	Schroeder, Hans	Oct. 17, 81	"	Grinnell	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2271	Summerhays, George S.	Nov. 18, 81	"	Burlington	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2279	Strobridge, C. A.	Dec. 16, 81	"	Creston	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2286	Schoel, August	Dec. 3, 81	"	Denison	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2290	Smith, Calvin K.	Dec. 6, 81	"	Iowa City	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2322	Schee, James M.	Dec. 27, 81	"	Le Mars	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2328	Stuart, R. L.	Jan. 23, 82	"	Sanborn	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2331	Schmitt, John N.	Feb. 6, 82	"	Gladbrook	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2343	Schermerhorn, E. L.	Feb. 14, 82	"	Van Meter	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2346	Stouffer, Peter D.	Feb. 16, 82	"	Eldon	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2327	Singer, Lewis U.	Dec. 19, 81	"	Montrose	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2329	Sweenings, F. J.	Dec. 31, 81	"	Maquoketa	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2309	Shideler, A. B.	Jan. 9, 82	"	Jefferson	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2381	Sackett, E. W.	Feb. 28, 82	"	Clinton	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2383	Smith, Charles E.	April 1, 82	"	Fort Dodge	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2385	Searles, F. J.	April 4, 82	"	Kelsey	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2402	Startzman, C. D.	April 8, 82	"	Fort Dodge	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2403	Stultz, M. F.	April 21, 82	"	Sioux Rapids	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2408	Smith, Arthur L.	April 17, 82	"	Bedford	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2412	Sayre, S. N.	April 17, 82	"	Hartley	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2419	Stillmans, W. A.	April 27, 82	"	What Cheer	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2427	St. John, L. E.	May 10, 82	"	Glendon	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2431	Shope, Edwin B.	May 22, 82	"	Cedar Falls	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
2434	Stover, Noah W.	May 17, 82	"	Marne	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
				Clarinda	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
				Tingley	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
				Blencoe	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
				Des Moines	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	
				Lucas	Boonsboro	1882, 83, 84, 85, 86, 87	1882, 83, 84, 85, 86, 87	



ABSTRACT—CONTINUED.

68

STATE PHARMACY REGISTER.

[E]

[1887]

STATE PHARMACY REGISTER.

69

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
2442	Straub, Paul F.	May 23, 82	By examination	Mt. Pleasant.			1883, 84, 85, 86, 87	
2445	Sansen, J. E.	May 18, 82	"	Anita.			1883, 84, 85, 86, 87	Sold out.
2457	Sigworth, M. P.	May 21, 82	"	Anamosa.			1883, 84, 85, 86, 87	
2456	Stevens, J. C.	May 23, 82	"	Shenandoah.			1883, 84, 85, 86, 87	
2480	Salts, Andrew J.	June 12, 82	"	Corning.			1883, 84, 85, 86, 87	
2504	Stoehr, Gus. A.	July 29, 82	"	Egin.			1883, 84, 85, 86, 87	
2539	Sprout, C. H.	Oct. 10, 82	"	Hamburg.			1883, 84, 85, 86, 87	Delinquent 3 years.
2541	Smith, Thomas A.	Oct. 17, 82	"	Rockwell.			1883, 84, 85, 86, 87	Delinquent 1 year.
2584	Sheafor, P. M.	Mar. 5, 83	"	Audubon.			1883, 84, 85, 86, 87	Gone to Nebraska.
2590	Smith, A. W.	Mar. 20, 83	"	Scranton.			1883, 84, 85, 86, 87	
2591	Smallpage, Richard M.	Mar. 21, 83	"	Parkersburg.	Webster City.	Mar. 27, 85	1883, 84, 85, 86, 87	
2607	Sprague, M. H.	April 13, 83	"	Eddyville.			1884, 85, 86, 87	
2609	Slater, B. F.	April 17, 83	"	Lake City.			1884, 85, 86, 87	Left the State.
2613	Shrader, Frank F.	April 3, 83	"	Brooklyn.			1884, 85, 86, 87	Canceled by request.
2614	Shilling, Alf. J.	Mar. 26, 83	"	Ferry.			1884, 85, 86, 87	
2617	Sieg, Henry C.	April 17, 83	"	Marshalltown.	Liscomb.	April 28, 85	1884, 85, 86, 87	
2630	Stedman, A. B.	May 15, 83	"	Emmetsburg.			1884, 85, 86, 87	Revoked.
2633	Smith, Albert A.	May 16, 83	"	Atlantic.			1884, 85, 86, 87	In Kansas City.
2638	Surry, Wm. W.	June 5, 83	"	Hedricks.	Ft. Madison.	April 11, 85	1884, 85, 86, 87	
2687	Shrader, J. A.	Sept. 12, 83	"	Monroe.			1884, 85, 86, 87	
2688	Schumacher, H.	Oct. 2, 83	"	Lytle City.			1884, 85, 86, 87	
2694	Shuell, T. J.	Nov. 23, 83	"	Lucas.	Lucas.	Jan. 9, 85	1884, 85, 86, 87	
2713	Stover, Emery E.	Jan. 15, 84	"	Riceville.			1885, 86, 87	Gone to Wisconsin.
2721	Skiff, Mason J.	Feb. 27, 84	"	Ft. Dodge.	Ft. Dodge.	April 8, 85	1885, 86, 87	
2732	Schaupp, Gustav. A.	Mar. 28, 84	"	Portsmouth.	Shelby.	May 10, 86	1885, 86, 87	
2743	Smiley, Jonathan.	April 25, 84	"	Grimes.			1885, 86, 87	
2748	Siewart, Wm. J.	May 14, 84	"	Emmetsburg.			1885, 86, 87	
2750	Stemets, John.	May 30, 84	"	Ridfield.	Adel.	April 9, 86	1885, 86, 87	
2753	Simcoe, J. L.	Nov. 23, 84	"	Drakeville.			1885, 86, 87	Dead.
2766	Scantling, George W.	June 3, 84	"	Wall Lake.			1885, 86, 87	
2774	Sifford, Chas.	June 23, 84	"	Wellman.			1885, 86, 87	
2788	Smith, Frank H.	July 22, 84	"	Davenport.			1885, 86, 87	Canceled by request.
2793	Steffert, Otto.	Sept. 1, 84	"	Ida Grove.			1885, 86, 87	
2814	Stimmons, A. C.	Nov. 18, 84	"	Clinton.	Orange City.	April 30, 86	1885, 86, 87	
2827	Strong, R. F.	Jan. 6, 85	"	Cedar Falls.			1885, 86, 87	Delinquent 3 years.
2829	Spicer, W. C.	Jan. 12, 85	"	Bloomfield.			1885, 86, 87	Delinquent 1 year.
2833	Sanders, Benjamin.	Jan. 27, 85	"					
2839	Stauffer, Geo. M.	Feb. 17, 85	"	Gladbrook.			1885, 86, 87	
2841	Schmidt, Louis.	Mar. 10, 85	"	Des Moines.			1885, 86, 87	
2863	Stevens, S. E.	April 21, 85	"	Grinnell.			1885, 86, 87	Delinquent 1 year.
2864	Smith, Calvin C.	April 21, 85	"	Davenport.	Grinnell.	April 10, 87	1885, 86, 87	
2865	Smith, D. W. C.	April 21, 85	"	Conway.			1885, 86, 87	
2867	Stoll, N. F.	April 25, 85	Graduate	Prairie City.			1885, 86, 87	
2877	Schenck, J. H.	May 4, 85	By examination	Brayton.			1885, 86, 87	Delinquent 1 year.
2882	Shelton, Alva H.	May 26, 85	"	Pulaski.			1885, 86, 87	
2883	Stanton, John H.	May 27, 85	"	Chariton.			1885, 86, 87	
2894	Sanders, J. C.	July 18, 85	"	Deep River.	Deep River only.	Jan. 31, 87	1885, 86, 87	
2905	Smith, Wm. F.	July 23, 85	"	Ottumwa.	Centerville.		1885, 86, 87	
2907	Schlegel, Carl E.	July 22, 85	Graduate	Davenport.			1885, 86, 87	
2908	Stoddard, F. S.	July 7, 85	By examination	Jesup.			1885, 86, 87	
2907	Saunders, C. J.	July 31, 85	"	Clare.			1885, 86, 87	
2921	Sampson, S. V.	Sept. 8, 85	"	Ottumwa.	Agency City.	Dec. 4, 86	1885, 86, 87	
2926	Sargent, C. W.	Sept. 19, 85	"	Ottumwa.			1885, 86, 87	
2948	Swafford, Harry E.	Nov. 30, 85	"	Des Moines.			1885, 86, 87	
2969	Stream, Curtis.	Feb. 13, 86	"	Des Moines.			1885, 86, 87	
2971	Steffa, G. A.	Feb. 27, 86	"	Belle Plaine.			1885, 86, 87	
2977	Sampson, Frank E.	Feb. 2, 86	"	Greenfield.			1885, 86, 87	
2984	Shrader, Chas. C.	Mar. 4, 86	"	Iowa City.	Oskaloosa.	April 28, 87	1885, 86, 87	
2996	Sherman, Emery.	Mar. 16, 86	"	Alden.			1885, 86, 87	
2998	Swearingen, A. W.	April 11, 86	"	Lancaster.	Williamsburgh.	July 5, 85	1887	
3002	Smith, David F.	May 4, 86	"	Wellman.			1887	Now in Iowa City.
3014	Somers, Jno. W.	June 15, 86	"	Ida Grove.			1887	
3015	Squires, C. P.	Feb. 9, 86	"	Burlington.			1887	
3039	Smith, Edgar D.	July 6, 86	"	Traer.			1887	Out of the State.
3042	Scherling, Gustav.	Aug. 18, 86	Graduate	Sioux City.			1887	
3044	Sampson, Frank W.	Aug. 30, 86	"	Osage.			1887	
3055	Scott, E. W.	July 20, 86	By examination	Eddyville.	Ames.	Oct. 23, 86	1887	
3057	Scott, James.	July 23, 86	"	Massena.			1887	
3058	Stevens, W. B.	July 27, 86	"	Sibley.			1887	
3064	Smith, J. H.	Aug. 3, 86	"	Corning.			1887	
3068	Smith, S. B.	Aug. 31, 86	"	Clinton.			1887	
3105	Stewart, J. H.	Dec. 7, 86	"	Washington.			1887	
3108	Stewart, Chas. W.	Dec. 7, 86	"	Crawfordsville.	[Crawfordsville only]		1887	Expires Dec. 7, 1887.
3115	Schneider, Henry.	Mar. 16, 87	Graduate	Dubuque.			1887	
3122	Selby, S. D.	Feb. 1, 87	By examination	Carbon.			1887	
3125	Stempel, Guido L.	Mar. 8, 87	"	Macedonia.			1887	
3137	Slusher, J. M.	Feb. 9, 87	"	Hudson.			1887	
3143	Snelson, Wm.	Mar. 1, 87	"	Massena.			1887	
3151	Slater, Willis O.	Mar. 9, 87	"	Marengo.	Macksburg.	May 12, 87	1887	
3158	Snowden, Albert L.	Feb. 25, 87	"	Waterloo.			1887	
3159	Snvacha, Frank.	Feb. 25, 87	"	Cedar Rapids.	Ely.	July 6, 87	1887	
3175	Scott, James C.	Mar. 23, 87	"	Glidden.			1887	
3189	Smith, A. B.	Mar. 21, 87	"	Des Moines.			1887	
3205	Severa, W. F.	April 4, 87	"	Cedar Rapids.			1887	
3206	Shepard, Nath.	April 5, 87	"	Council Bluffs.			1887	
3208	Shiley, D. A.	April 5, 87	"	Bedford.			1887	
3217	Springer, Geo. L.	April 8, 87	"	Garwin.			1887	



# ABSTRACT—CONTINUED.

70

STATE PHARMACY REGISTER.

[R]

1887.]

STATE PHARMACY REGISTER.

71

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
3236	Sturges, Will E.	May 3, 87	By examin.	Carroll	Marion	Sept. 29, 81		
3240	Schminke, F. O. H.	May 17, 87	"	Dubuque	Odebolt	Oct. 18, 87		
3252	Schmidt, W. F.	May 31, 87	"	Sioux City	Sioux City	Aug. 31, 87		
3290	Smith, Frank L.	June 7, 87	Graduate	Clinton	Keswick			
3274	Shaul, Albert J.	June 27, 87	By examin.	New Sharon	Dubuque			
3275	Salot, Geo. W.	June 16, 87	By examin.	Sioux City	Oskaloosa	Sept. 28, 87		
3296	Smits, Henry	Aug. 31, 87	Graduate	Sioux City				
3304	Sedgwick, Willis L.	Sept. 6, 87	By examin.	Ida Grove				
3309	Simons, W. E.	Sept. 8, 87	"	Alton				
3315	Smith, Ferd J.	Sept. 8, 87	"	Fairfield				
3320	Starr, John W.	Sept. 26, 87	"					
30	Turtle, Will G.	June 6, 80	As owner	Mediapolis				Sold out; forfeited.
32	Turtle, Fred C.	June 6, 80	As assistant	Mediapolis				Removed; forfeited.
38	Tomlinson, Mahlon	June 7, 80	As owner	Salem				
78	Tharp, David	June 10, 80	"	Promise City	Wirt	April 5, 83		Forfeited.
148	Trout, A. W.	June 14, 80	"	Quasqueton	Perry	Oct. 31, 84		Forfeited.
227	Trullinger, W. B.	June 9, 80	As assistant	Farragut				
250	Townley, Henry C.	June 5, 80	As assistant	Dubuque				
251	Townley, R. D.	June 3, 80	As owner	Allerton				Dead.
263	Templeton, H. M.	June 11, 80	"	Ames				Revoked.
293	Thormahlen, Henry	June 10, 80	"	Boone				Retired; forfeited.
314	Thornce, F. G.	June 4, 80	"	Birmingham				
397	Talcott, J. S.	June 3, 80	As principal	Onway				In Dakota.
398	Twining, J. S.	June 5, 80	As owner	Corning				
399	Twining, E. T.	June 5, 80	"	Corning				
401	Tremaine, Julius N.	June 16, 80	"	Creston				Forfeited.
402	Toms, George W.	June 14, 80	"	Marion				Forfeited.
421	Torbert, W. H.	June 4, 80	"	Dubuque				Forfeited.
424	Tapper, John G.	June 18, 80	"	Dayton				
426	Trueblood, John	June 4, 80	"	Earlham				
553	Tomblin, Eugene S.	June 21, 80	"	Emerson				
574	Thorne, John I.	June 2, 80	"	Farmington				Delinquent 1 year.
598	Trimble, A. Y.	June 23, 80	"	Greene				Forfeited.
623	Teague, Albert E.	June 2, 80	"	Greenfield				
656	Tabor, B. W.	June 9, 80	"	Independence				
657	Tabor, F.	June 10, 80	As assistant	Independence				
658	Tabor, S. J. W.	June 8, 80	As owner	Independence				
739	Tinsley, John W.	June 29, 80	"	Exira				
750	Thompson, Chas. H.	June 3, 80	As assistant	Le Mars				Superseded by 2500.
842	Thompson, E. M.	June 14, 80	As owner	Monticello				
860	Truax, G.	June 9, 80	"	Maquoketa				Forfeited.
862	Taber, Edward O.	June 8, 80	"	Malcom				Forfeited.
894	Thompson, Thos. W.	June 14, 80	As assistant	Mason City				Superseded by 1859.
913	Truax, Charles H.	June 4, 80	As owner	Maquoketa	Cedar Rapids	Mar. 22, 82		Forfeited.
934	Troy, Samuel S.	June 9, 80	"	Nashua				
970	Teale, Thos.	June 11, 80	"	Lamoni				Sold out; forfeited.
984	Taylor, Richard A.	July 6, 80	"	Burlington				
1001	Taylor, James L.	July 17, 80	"	Ottumwa				Dead.
1003	Taylor, Janet A.	June 14, 80	"	Ottumwa				Dead.
1005	Taylor, Chas. O.	June 16, 80	"	Ottumwa				
1086	Topping, Chas. A.	June 8, 80	"	Richmond				Superseded by 2294.
1168	Tathwell, Edwin E.	June 10, 80	"	Martelle	Springville	June 13, 87		Retired; forfeited.
1176	Thorpe, Edward L.	June 9, 80	"	Shell Rock				
1199	Treat, Joseph A.	June 21, 80	"	Stuart				
1217	Todd, George W.	June 4, 80	As assistant	Shelby				
1270	Toovey, William	June 4, 80	As owner	Victor				
1361	Teed, George W.	June 7, 80	Principal	Webster City				
1427	Thomas, Camp	July 17, 80	As owner	Fort Madison				Superseded by 1851.
1432	Tornblom, A. L.	July 19, 80	As assistant	Nevada	Boone	Mar. 31, 85		Superseded by 3271.
1570	Tipton, J. C.	July 30, 80	As owner	Elkader				Forfeited.
1591	Tieknor, Fred S.	Aug. 6, 80	As assistant	Westerville	Grand River	Mar. 22, 82		Forfeited.
1621	Thoms, B. L.	Aug. 9, 80	As owner	Western Station				Forfeited.
1612	Tidrick, L. M.	Aug. 20, 80	"	Winterset				Canceled by request.
1613	Tidrick, George C.	Aug. 20, 80	As assistant	Des Moines				Out of bus.; forfeited.
1694	Thompson, J. C.	July 30, 80	By examinatio	Ottumwa	Marshalltown	June 26, 83		Delinquent 3 years.
1703	Thoma, Louis	Aug. 2, 80	"	Fairfield				
1733	Tower, Hannibal	Sept. 17, 80	As assistant	Fort Atkinson				
1763	Turner, J. S.	Sept. 10, 80	As owner	Atalissa				Forfeited.
1774	Nedman, J. L.	Oct. 15, 80	As assistant	Davenport				Left town; forfeited.
1783	Treat, Jos. A.	July 30, 80	By examinatio	Stuart				
1828	Thompson, A. M.	Oct. 5, 80	As owner	Mason City				Forfeited.
1844	Tripp, W. G.	Nov. 29, 80	"	Charles City				Delinquent 1 year.
1851	Thomas, Camp	Sept. 2, 80	By examinatio	Fort Madison				
1859	Thompson, Thomas W.	Oct. 15, 80	"	Mason City	Ruthven	Sept. 9, 82		In Minnesota.
1867	True, C. E.	Sept. 7, 80	"	Avoca	Ottumwa	Dec. 20, 80		
1883	Tays, R. L.	Aug. 3, 80	"	Bradyville				
1936	Tidd, C. H.	Oct. 28, 80	"	Geneva				In Kansas.
1942	Tlarks, Herman	Sept. 2, 80	"	Monticello				
1956	Townsend, A. R.	Feb. 9, 81	As owner	Boone	Marshalltown	July 8, 82		Forfeited.
1993	Teal, Cornelius	Jan. 17, 81	"	Ruthven	Orcheyedan	May 25, 82		Forfeited; see 3294.
1991	Tobler, Charles J.	Dec. 13, 80	By examinatio	Dubuque				Delinquent 6 years.
2076	Taylor, J. L.	Mar. 7, 81	"	Fairbank	Hazleton	June 15, 82		Now in Omaha, Neb.
2119	Toms, J. M.	April 29, 81	"	Marion				Delinquent 6 years.
2124	Trotter, W. R.	May 17, 81	"	Newton	Des Moines	Oct. 18, 86		



ABSTRACT—CONTINUED.

72

STATE PHARMACY REGISTER.

[23

1887.]

STATE PHARMACY REGISTER.

73

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
2159	Thompson, C. D.	July 29, 81	By examination	Liscomb			1882, 83, 84, 85, 86, 87	Delinquent 4 years.
2223	Thompson, W. W.	Aug. 26, 81	"	Luzerne	Bellevue	April 1, 84	1882, 83, 84, 85, 86, 87	
2236	Tyler, L. G.	July 29, 81	"	Dunlap			1882, 83, 84, 85, 86, 87	
2239	Throckmorton, T. M.	Sept. 16, 81	"	Derby			1882, 83, 84, 85, 86, 87	
2275	Thompson, Carey W.	Nov. 14, 81	"	Webster City			1882, 83, 84, 85, 86, 87	Now in Colorado.
2349	Totten, Albert H.	Feb. 14, 82	"	Sheldon			1883, 84, 85, 86, 87	Out of business.
2352	Temple, James	Feb. 20, 82	"	Burlington			1883, 84, 85, 86, 87	Canceled.
2294	Topping, C. A.	Dec. 14, 81	"	Defiance			1882, 83, 84, 85, 86, 87	
2163	Tiffany, O. M.	June 1, 82	"	Union			1882, 83, 84, 85, 86, 87	Now in Illinois.
2174	Thompson, E. C.	June 6, 82	"	Marne			1883, 84, 85, 86, 87	
2190	Thompson, F. M.	June 21, 82	"	Rock Rapids			1883, 84, 85, 86, 87	Canceled by request.
2266	Thompson, Charles H.	July 17, 82	"	Le Mars			1883, 84, 85, 86, 87	
2518	Thorson, Nels	July 20, 82	"	Northwood			1883, 84, 85, 86, 87	
2529	Townsend, James M.	Sept. 5, 82	"	Shellsburg			1883, 84, 85, 86, 87	
2563	Tyler, Oscar D.	Feb. 23, 83	"	Lenox			1884, 85, 86, 87	Out of business.
2577	Tate, John C.	Feb. 20, 83	"	Malcom	Des Moines	Dec. 20, 83	1884, 85, 86, 87	
2656	Turner, L. C. S.	July 3, 83	"	Greencastle	Colfax	Nov. 22, 84	1884, 85, 86, 87	Left the State.
2682	Torok, Sandor.	Aug. 8, 83	"	Fort Madison			1884, 85, 86, 87	
2702	Todd, W. H.	Nov. 20, 83	"	Fort Worth			1884, 85, 86, 87	
2708	Todd, C. E.	Dec. 18, 83	"	Atitica			1884, 85, 86, 87	
2760	Thompson, George A.	May 29, 84	"	Des Moines			1885, 86, 87	Delinquent 2 years.
2763	Thompson, A. O.	June 17, 84	"	Green Mountain	Des Moines	June 29, 86	1885, 86, 87	
2785	Tobey, E. F.	May 26, 84	"	Sheffield			1885, 86, 87	Delinquent 1 year.
2786	Thomas, G. H.	Aug. 5, 84	"	Adair			1885, 86, 87	
2802	Trumbull, Ira F.	Sept. 2, 84	"	Des Moines	Perry	April 25, 86	1885, 86, 87	
2826	Townsend, Isaac L.	Jan. 6, 85	"	Des Moines	Elisworth	Sept. 6, 86	1885, 86, 87	
2916	Thomas, L. M.	June 18, 85	"	Keokuk			1886, 87	
3268	Thomas, J. C.	June 21, 87	"	What Cheer				
3271	Tornblom, Alf. L.	June 30, 87	"	Boone				
3294	Teal, Cornelius	Aug. 16, 87	"	Orcheyedahl				
3297	Thompson, R. K.	Aug. 16, 87	"	Nevada				
3306	Thompson, John A.	Aug. 16, 87	"	Letts	(Letts only)			
994	Udell, Adison S.	June 18, 80	As owner	Ottumwa			1882, 83, 84, 85, 86, 87	Forfeited.
1657	Underwood, T. I.	Aug. 30, 80	"	Blanchard				Delinquent 6 years.
1854	Urguhart, W. J.	July 30, 80	By examination	Burlington				Dead.
1944	Urecht, F.	Dec. 2, 80	Principal	Ottumwa				
2373	Underwood, J. M.	Mar. 29, 82	By examination	Grand Junction	Battle Creek	Jan. 26, 84	1883, 84, 85, 86, 87	Dead.
2220	Upson—Rosa K. Martin	Sept. 1, 81	"	Marshalltown			1882, 83, 84, 85, 86, 87	
2416	Urich, Frank X.	Nov. 16, 81	"	Lyons			1885, 86, 87	
3023	Underwood, Poe	June 2, 86	"	Des Moines			1887	
52	Van Leuven, Jr., G. M.	June 7, 80	As owner	Lime Springs			1882, 83, 84, 85, 86, 87	Superseded by 2357.
294	Van Meter, James G.	June 8, 80	"	Bellevue			1882, 83, 84, 85, 86, 87	
400	Van Wagener, Eli	June 5, 80	As assistant	Corning			1882, 83, 84, 85, 86, 87	Forfeited.
458	Vogt, Wm. J.	June 4, 80	"	Dubuque	LeMars	April 2, 83	1882, 83, 84, 85, 86, 87	Superseded by 3139.
494	Voorhees, C. P.	June 4, 80	As owner	Villisca			1882, 83, 84, 85, 86, 87	Left town. Forf'd.
610	Vogel, John R.	June 8, 80	"	Guttenberg			1882, 83, 84, 85, 86, 87	
694	Van Werden, G. W.	June 11, 80	As assistant	Keokuk			1882, 83, 84, 85, 86, 87	Forfeited.
718	Van Valkenberg, B. J.	June 28, 80	As owner	Earlie	Fairlieburg	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Forfeited.
827	Van Use, Isaac P.	June 3, 80	"	Mt. Pleasant			1882, 83, 84, 85, 86, 87	
966	Van de Voort, J. H.	July 5, 80	As assistant	Gilman			1882, 83, 84, 85, 86, 87	
967	Van de Voort, S. H. B.	July 5, 80	As owner	Gilman			1882, 83, 84, 85, 86, 87	
977	Vittetoe, Hiram C.	July 6, 80	As principal	Harper			1882, 83, 84, 85, 86, 87	
1035	Vanderley, John.	June 3, 80	As assistant	Oseola	Oseola	Aug. 10, 86	1882, 83, 84, 85, 86, 87	Delinquent 1 year.
1061	Van de Ven, H. J.	June 8, 80	As owner	Pella			1882, 83, 84, 85, 86, 87	
1062	Van de Ven, H.	June 8, 80	"	Pella			1882, 83, 84, 85, 86, 87	
1064	Van Sitter, Wm.	June 9, 80	As assistant	Pella			1882, 83, 84, 85, 86, 87	Forfeited.
1354	Vaughan, Chas. W.	June 3, 80	As owner	Williams			1882, 83, 84, 85, 86, 87	Forfeited.
1406	Van Evera, Wallace	July 10, 80	As assistant	Maquoketa			1882, 83, 84, 85, 86, 87	Sold out; forfeited.
1470	Vincent, W. A.	July 20, 80	"	Webster City			1882, 83, 84, 85, 86, 87	Forfeited.
1623	Verden, A. E.	June 24, 80	As owner	Hillsboro			1882, 83, 84, 85, 86, 87	Forfeited.
1910	Venstrand, Peter.	Oct. 19, 80	By examination	Red Oak	Neola	April 22, 88	1882, 83, 84, 85, 86, 87	Canceled by request.
2047	Van Ness, Isaac T.	Jan. 17, 81	"	St. Madison			1883, 84, 85, 86, 87	Left the State.
2175	Van Schaeck, C. P.	Aug. 10, 81	"	Leon			1882, 83, 84, 85, 86, 87	
2323	Van Werden, Louis	Jan. 21, 82	"	Lime Springs			1882, 83, 84, 85, 86, 87	
2357	Van Leuven, Jr., Geo. M.	Feb. 27, 82	"	McGregor			1883, 84, 85, 86, 87	Now in Wisconsin.
2508	Vaughan, E. A.	Aug. 4, 82	"	Manchester			1883, 84, 85, 86, 87	Now in Illinois.
2526	Vraenburgh, H. L.	Sept. 11, 82	"	Roland			1885, 86, 87	Delinquent 1 year.
2793	Vinnes, Paul	Aug. 6, 84	"	Wilton	Marengo	Oct. 2, 86	1885, 86, 87	
2840	Vance, C. E.	Feb. 26, 85	"	Angus	Angus	Nov. 17, 87	1886, 87	
2851	Varner, T. H.	April 7, 85	"	Vinton			1887	
3038	Van Horn, E. R.	July 6, 86	"	Lyons				
3117	Venn, A. A.	Mar. 28, 87	As graduate	LeMars			1887	
3139	Vogt, W. J.	Feb. 22, 87	By examination	Davenport				Now in St. Louis.
3259	Vogt, Henry H.	June 7, 87	"	Breda				Forfeited.
6	Wade, Wm. L.	June 5, 80	As owner	Wiota			1882, 83, 84, 85, 86, 87	Out of bus's, forf'd.
19	Woods, Josiah.	June 2, 80	"	De Witt			1882, 83, 84, 85, 86, 87	
40	Webb, Jno. B.	June 4, 80	"	Des Moines			1882, 83, 84, 85, 86, 87	Revoked.
43	Wells, Lewis	June 5, 80	"	Nugent's Grove	Fairlieburg	June 19, 82	1882, 83, 84, 85, 86, 87	Forfeited.
65	Welch, A. C.	June 7, 80	"	Volga			1882, 83, 84, 85, 86, 87	Superseded by 1857.
71	White, Wyllys F.	July 7, 80	As principal	Marshall			1882, 83, 84, 85, 86, 87	Dead.
75	Wiedmann, Philip	June 7, 80	As owner	Fairbank			1882, 83, 84, 85, 86, 87	
76	Waigamot, A. B.	June 7, 80	"	Macedonia	Oto	April 26, 82	1882, 83, 84, 85, 86, 87	Forfeited.
92	Waterman, G. F.	June 7, 80	"	Blanchard			1882, 83, 84, 85, 86, 87	Forfeited.
141	White, Harva	June 7, 80	"					

10



ABSTRACT—CONTINUED.

74

STATE PHARMACY REGISTER.

187

STATE PHARMACY REGISTER.

75

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
154	Wolfe, D. L.	June 18, 80	As assistant.	West Point.	Garner.	Oct. 25, 87	1882, 83, 84, 85, 86, 87	Forfeited.
155	Wallace, T. B.	June 18, 80	As owner.	Morrison.	Moravia.	April 13, 85	1882, 83, 84, 85, 86, 87	Forfeited. See 3241.
156	Wills, D. H.	June 4, 80	"	Iconium.	Memory.	1882.	1882, 83, 84, 85, 86, 87	Forfeited.
174	Weldner, S. S.	June 16, 80	"	Red Rock.	Bedford.	Sept. 16, 84	1882, 83, 84, 85, 86, 87	Forfeited.
180	West, Joseph D.	June 17, 80	As assistant.	Rose Hill.	Bedford.	Sept. 16, 84	1882, 83, 84, 85, 86, 87	Forfeited.
201	Wilson, R. B.	June 5, 80	"	Boone.	Bedford.	Sept. 16, 84	1882, 83, 84, 85, 86, 87	Forfeited.
208	Welsh, Geo. H.	June 19, 80	As owner.	Bangor.	Zearing.	Mar. 22, 82	1882, 83, 84, 85, 86, 87	Forfeited.
217	Willits, J. H. V.	June 7, 80	"	Butlerville.	Steele (Plane).	1882.	1882, 83, 84, 85, 86, 87	Forfeited.
223	Wilton, Hiram.	June 9, 80	"	Steele (Plane).	Arcadia.	1882.	1882, 83, 84, 85, 86, 87	Forfeited.
235	Walls, L. C.	June 10, 80	"	Atlantic.	Atlantic.	1882.	1882, 83, 84, 85, 86, 87	Forfeited.
252	Wegener, Joseph.	June 8, 80	"	Atlantic.	Bellevue.	1882.	1882, 83, 84, 85, 86, 87	Dead.
257	Wilken, R. D.	June 4, 80	"	Bellevue.	Clinton.	1882.	1882, 83, 84, 85, 86, 87	Left town; forfeited.
284	Watson, J. A.	June 14, 80	As assistant.	Clinton.	Cedar Falls.	1882.	1882, 83, 84, 85, 86, 87	Forfeited.
298	Wynkoop, B. B.	June 7, 80	As owner.	Garden Grove.	Garden Grove.	1882.	1882, 83, 84, 85, 86, 87	Forfeited.
362	Witt, Richard F.	June 9, 80	As assistant.	Council Bluffs.	Center Point.	1882.	1882, 83, 84, 85, 86, 87	Forfeited.
403	Wellman, Z. A.	June 4, 80	As owner.	Center Point.	Center Point.	1882.	1882, 83, 84, 85, 86, 87	Forfeited.
404	Wise, Chas. A.	June 4, 80	"	Des Moines.	Dubuque.	1882.	1882, 83, 84, 85, 86, 87	Superseded by 1838.
407	Woodbury, Geo.	June 8, 80	"	Dubuque.	Bartlette.	Sept. 19, 82	1882, 83, 84, 85, 86, 87	Forfeited.
408	Woodbury, G. J.	June 8, 80	As assistant.	Bartlette.	Des Moines.	Sept. 19, 82	1882, 83, 84, 85, 86, 87	Out of business.
409	Williams, D. A.	June 9, 80	As owner.	Des Moines.	Ainsworth.	1882.	1882, 83, 84, 85, 86, 87	Forfeited.
411	Wilson, L. L.	June 18, 80	"	Ainsworth.	Emmettsburg.	1882.	1882, 83, 84, 85, 86, 87	Forfeited.
419	Wilson, G. L.	June 18, 80	As assistant.	Emmettsburg.	Eddyville.	June 15, 86	1882, 83, 84, 85, 86, 87	Forfeited.
415	Walker, Al. J.	June 23, 80	As owner.	Eddyville.	Fulton.	1882.	1882, 83, 84, 85, 86, 87	Forfeited.
442	Weaver, Chas. A.	June 3, 80	As owner.	Fulton.	Fairbank.	Mar. 24, 85	1882, 83, 84, 85, 86, 87	Forfeited.
450	Wunderlich, George W.	June 5, 80	As assistant.	Fairbank.	Gilman.	1882.	1882, 83, 84, 85, 86, 87	Forfeited.
484	Word, James H.	June 18, 80	As owner.	Gilman.	Grinnell.	Mar. 9, 83	1882, 83, 84, 85, 86, 87	Superseded by 3168.
496	Weaver, John A.	June 9, 80	As assistant.	Grinnell.	Hopkinton.	1882.	1882, 83, 84, 85, 86, 87	Forfeited.
528	Walker, William A.	June 28, 80	As owner.	Hopkinton.				Forfeited.
532	Wabury, S. E.	June 25, 80	"					Forfeited.
556	Wolfgang, Al. J.	June 18, 80	As assistant.					Forfeited.
565	Williams, Thomas J.	June 3, 80	As owner.					Forfeited.
579	Whitley, Lyman.	June 7, 80	"					Forfeited.
583	Ward, Jesse A.	June 14, 80	"					Forfeited.
598	Ward, Joseph A.	June 10, 80	"					Forfeited.
607	Ward, William J.	June 16, 80	"					Forfeited.
623	Whitney, Erwin F.	June 3, 80	"					Forfeited.
630	Williamson, W. R.	June 4, 80	"					Forfeited.
631	Walters, Samuel H.	June 14, 80	As owner.	Harlan.			1882, 83, 84, 85, 86, 87	Delinquent 2 years.
632	Worth, Fordyce.	June 4, 80	"	Hillsdale.			1882, 83, 84, 85, 86, 87	Forfeited.
650	Way, James R.	June 4, 80	"	Spring Hill.			1882, 83, 84, 85, 86, 87	Forfeited.
650	Wakenfield, James I.	June 5, 80	"	Independence.			1882, 83, 84, 85, 86, 87	Superseded by 3140.
663	Wallace, C. R.	June 9, 80	"	Knoxville.	Mason City.	Dec. 19, 83	1882, 83, 84, 85, 86, 87	Dead.
674	Welcher, Frank D.	June 4, 80	"	Knoxville.			1882, 83, 84, 85, 86, 87	Forfeited.
675	Woodruff, M. W.	June 9, 80	"	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
682	Wilson, Robert E.	June 2, 80	"	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
689	Wilkinson, A. J.	June 7, 80	"	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
693	Woodford, H. E.	June 12, 80	"	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
698	Wright, Wm. M.	June 17, 80	As principal.	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
716	Wright, Oren E.	June 25, 80	"	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
712	Wilson, John F.	June 28, 80	As owner.	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
717	Wamberg, John J.	June 23, 80	As assistant.	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
752	Warner, Ichabod.	June 11, 80	As owner.	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
788	Williams, James C.	July 1, 80	"	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
790	Weiser, Emelius I.	June 5, 80	"	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
811	Weller, Wm. L.	June 3, 80	"	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
816	Wright, S. W.	June 9, 80	"	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
824	Willsey, Alamo.	July 2, 80	"	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
851	Wright, Henry M.	June 7, 80	"	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
881	Wood, Annie L.	June 8, 80	As assistant.	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
882	Williams, E. J.	June 11, 80	As owner.	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
886	Ward, Thomas.	June 15, 80	"	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
887	Williamson, Elissa T.	June 15, 80	As assistant.	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
904	Wood, Cyrus A.	June 25, 80	As principal.	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
906	Wilcox, C. D.	June 5, 80	As assistant.	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
927	Weaver, A. R.	June 30, 80	As owner.	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
928	Weaver, Sylvester P.	July 1, 80	"	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
946	Wulfsberg, O. R.	June 7, 80	As principal.	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
945	Wilson, O. K.	June 7, 80	As assistant.	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
954	Ward, Frank R.	June 29, 80	As owner.	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
979	Ward, O. Cyrus A.	June 9, 80	"	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
980	Ward, Milo W.	June 29, 80	"	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
988	Wheaton, M. S.	July 3, 80	"	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
1012	Wilson, Archie C.	June 3, 80	As assistant.	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
1022	Walker, M. K.	June 21, 80	As owner.	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
1039	Wells, Will A.	June 11, 80	As assistant.	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
1047	Wills, Arthur E.	June 5, 80	"	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
1048	Weaver, Cyrus A.	June 9, 80	As owner.	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
1092	Wilson, Jas. B.	June 9, 80	"	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
1113	Wyant, Eli M.	July 12, 80	As assistant.	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
1121	Wick, Rollin E.	July 7, 80	"	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
1139	Winchester, S. G.	July 2, 80	As owner.	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
1148	Whistler, Rev. L.	July 9, 80	As principal.	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
1184	Williams, Ed. B.	June 4, 80	As owner.	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
1219	Waite, R. H.	June 4, 80	"	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
1241	Webster, Josiah C.	June 3, 80	"	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
1251	Warren, Thos. E.	June 18, 80	"	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.
1262	Woolley, Erastus M.	June 14, 80	"	Keokuk.			1882, 83, 84, 85, 86, 87	Forfeited.



ABSTRACT—CONTINUED.

76

STATE PHARMACY REGISTER

[2]

[1887]

STATE PHARMACY REGISTER

77

Number of certificate.	NAMES.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
1293	Williams, David M.	June 7, 80	As owner.	Tabor	Plum Hollow	June 10, 89	1882, 83, 84, 85, 86, 87	
1296	Wyman, J. H.	June 12, 80	"	Unionville			1882, 83, 84, 85, 86, 87	
1310	Withrow, W. H.	June 17, 80	As assistant.	Woodbine	Council Bluffs	Feb. 8, 83	1882, 83, 84, 85, —	Forfeited.
1314	Wiard, W. F.	June 10, 80	As owner.	Walnut			1882, 83, —, —, —	Superseded by 2377.
1315	Walters, Jerry	June 2, 80	"	Walnut			1882, 83, —, —, —	Forfeited.
1316	Williams, W. L.	June 2, 80	As assistant.	Walnut			1882, 83, —, —, —	Forfeited.
1322	White, Fred W.	June 8, 80	"	West Union	Clermont	April 15, 86	1882, 83, 84, 85, 86, 87	
1328	Wangler, Conrad D.	June 16, 80	Graduate	Waterloo			1882, 83, 84, 85, 86, 87	
1339	Wangler, E. C.	June 16, 80	As owner.	Waterloo			1882, 83, 84, 85, 86, 87	
1346	Wintrobe, John H.	June 18, 80	As owner.	Waterset			1882, 83, 84, 85, 86, 87	
1321	White, Albert K.	June 8, 80	"	West Union			1882, 83, 84, 85, 86, 87	Forfeited.
1372	Witte, John H.	July 16, 80	As assistant.	Burlington			1882, 83, 84, 85, 86, 87	
1378	Warren, Alfred	July 13, 80	"	Casey			1882, 83, 84, 85, 86, 87	Forfeited.
1393	Ward, Frances E.	July 13, 80	"	Greeley			1882, 83, —, —, —	Forfeited.
1408	Will, George	July 13, 80	As owner	Marshalltown			1882, 83, 84, —, —	Dead.
1412	Warner, M. O.	July 12, 80	As assistant.	Manchester			1882, 83, —, —, —	Superseded by 2185.
1416	Wells, Charles I.	July 16, 80	"	Manassas			1882, 83, 84, 85, —	Forfeited.
1425	Williams, Frank J.	July 14, 80	As owner.	St. Ansgar			1882, 83, 84, 85, —	Forfeited.
1436	Weber, Henry G.	July 16, 80	As assistant.	Atlantic			1882, 83, 84, 85, 86, —	Revoked.
1442	Wonnberg, Otto C.	July 17, 80	"	Independence	Jamestown, Dak.	May 19, 82	1882, —, —, —, —	Forfeited.
1449	Werthmuller, George	July 16, 84	As owner	Burlington			1882, —, —, —, —	Dead.
1451	Ward, Elizabeth E.	July 17, 80	As assistant.	Greeley			1882, —, —, —, —	Forfeited.
1503	Whetstone, John H.	July 20, 80	As owner.	Iowa City			1882, 83, 84, 85, 86, 87	
1519	Waynick, Wyatt W.	July 21, 80	As assistant.	Chariton			1882, —, —, —, —	Superseded by 2244.
1520	Waynick, Hannah J.	July 21, 80	As owner	Chariton			1882, 83, 84, 85, 86, 87	
1526	West, Alex M.	July 26, 80	"	Carlisle			1882, 83, 84, 85, 86, 87	Forfeited.
1533	Williams, C. A.	July 29, 80	"	Mooreville			1882, 83, 84, 85, 86, —	Delinquent 1 year.
1537	Wiese, Henry P.	July 24, 80	As assistant.	Burlington			1882, 83, 84, 85, 86, 87	
1551	Wood, Thomas W.	July 28, 80	As owner	McGregor			1882, 83, 84, 85, 86, 87	
1551	Walker, John R.	July 29, 80	"	Ida Gr. W.			1882, 83, 84, 85, 86, 87	
1555	Wigert, Carl R.	July 31, 80	"	Burlington	Holstein	May 12, 86	1882, 83, 84, 85, 86, —	Forfeited; see 3262.
1593	Walsh, John	Aug. 10, 80	"	Raymond			1882, 83, 84, 85, —, —	Retired; forfeited.
1594	Wilson, J. C.	Aug. 7, 80	"	New Virginia			1882, 83, 84, 85, 86, 87	Forfeited.
1595	Wilson, J. H.	Aug. 7, 80	"	New Virginia			1882, 83, 84, 85, 86, 87	
1616	Walsh, E. E.	Aug. 26, 80	"	Raymond			1882, 83, 84, 85, 86, 87	
1618	Wall, Thomas M.	July 31, 80	"	Weidon			1882, 83, 84, 85, 86, 87	Forfeited.
1624	Weeks, A. J.	Aug. 2, 80	"	Correctionville			1882, 83, 84, 85, 86, 87	Forfeited.
1625	Weeks, J. E.	Aug. 2, 80	As owner.	Correctionville			1882, 83, 84, 85, 86, 87	
1652	White, Perry	Aug. 17, 80	"	Line Springs			1882, 83, 84, —, —, —	Forfeited.
1671	Walterscheidt, Charles	July 31, 80	By examination	Carroll City	Halbur	May 8, 86	1882, 83, 84, 85, 86, 87	
1683	Wells, Willis O.	Aug. 4, 80	"	Fairfield	Des Moines	Sept. 17, 87	1882, 83, 84, 85, 86, 87	
1707	Wheeler, J. M.	Aug. 6, 80	"	Hillsdale			1882, —, —, —, —, —	Delinquent 5 years.
1735	Way, L. H.	Sept. 3, 80	As assistant.	Pattersonville			1882, —, —, —, —, —	Forfeited.
1745	Wilson, Geo. W.	Sept. 30, 80	As owner	Tipton			1882, —, —, —, —, —	Forfeited.
1749	Wakenfield, T. J.	Oct. 2, 80	"	Griswold	Griswold	April 12, 84	1882, 83, 84, 85, —	Forfeited.
1753	Wheeler, J. C.	Oct. 4, 80	As principal	Knoxville			1882, —, —, —, —, —	Left town; forfeited.
1758	Walter, J. D.	Sept. 27, 80	As owner	Darwin			1882, —, —, —, —, —	Left town; forfeited.
1761	Whiteside, John H.	Sept. 22, 80	As principal	Rock Falls	St. Auburn	April 22, 86	1882, 83, 84, 85, 86, —	Forfeited.
1764	Wright, B. A.	Oct. 1, 80	As owner	Rock Falls	Quincy	April 22, 85	1882, 83, 84, 85, 86, 87	
1766	Walker, I. H.	Oct. 8, 80	As principal	Quincy			1882, 83, 84, 85, 86, 87	
1767	Webb, N. H.	Oct. 7, 80	As owner	Hesper			1882, 83, 84, 85, 86, 87	
1771	Wilson, J. N.	Sept. 28, 80	As assistant.	Sumner			1882, 83, 84, 85, 86, 87	
1777	Wright, Geo. J.	Oct. 12, 80	As owner	Waubek			1882, 83, 84, 85, 86, 87	
1779	Woodford, C. W.	Oct. 16, 80	"	Yarmouth			1882, —, —, —, —, —	Out of b's'n's; forfeit'd.
1796	Wuest, Albert	Aug. 9, 80	By examination	Le Claire			1882, 83, 84, 85, 86, 87	Revoked.
1806	Whitaker, Wm. H.	July 19, 80	As owner	Le Claire			1882, 83, 84, —, —, —	Forfeited.
1825	Wells, John S.	Oct. 27, 80	"	Riceville			1882, —, —, —, —, —	Dead.
1827	Webber, C. J.	Oct. 19, 80	"	Cresco			1882, 83, 84, 85, 86, —	Superseded by 2171.
1849	Wheat, J. G.	Nov. 8, 80	"	Callanan	Jewell Junction	Mar. 22, 82	1882, 83, 84, 85, 86, —	Forfeited.
1857	White, Willis P.	Sept. 27, 80	By examination	Volga City			1882, 83, 84, 85, 86, 87	
1906	Webbenson, Ed. J. L.	Aug. 3, 80	"	Gladbrook			1882, 83, 84, 85, 86, 87	In Kansas.
1908	Wolfgang, E. M.	Aug. 2, 80	"	Emetsburg			1882, 83, 84, 85, 86, 87	Revoked.
1912	Wheeler, Geo. E.	Sept. 28, 80	"	Cedar Rapids			1882, 83, —, —, —	Sold out.
1918	Westveer, Henry	Oct. 5, 80	"	Anamosa	Eagle Grove	April 22, 85	1882, 83, 84, 85, 86, 87	
1930	Wilson, Archie C.	Oct. 28, 80	"	Oelwein			1882, 83, 84, 85, 86, 87	
1937	Woodbridge, M. L.	Nov. 12, 80	"	Nashua			1882, 83, 84, 85, 86, 87	
1938	Weaver, Chas. A.	Dec. 15, 80	"	Des Moines			1882, 83, 84, 85, 86, 87	
1980	Weav, F. E.	Feb. 9, 81	As assistant.	Des Moines			1882, —, —, —, —, —	Out of b's'n's; forfeit'd.
1972	Wright, Wm.	Jan. 18, 81	Graduate	Lenox			1882, —, —, —, —, —	Superseded by 2222.
1981	Westbrook, M. H.	Dec. 22, 80	By examination	Lyons			1882, 83, 84, 85, 86, 87	
1986	Wolfe, Horace G.	Dec. 14, 80	"	Jesup			1882, —, —, —, —, —	In Dakota.
2025	Wrede, Theodore	Mar. 8, 81	Graduate	Denison	Remsen	April 16, 84	1882, 83, 84, 85, 86, —	Forfeited.
2077	Watkins, Thomas J.	Jan. 26, 81	By examination	Lineville			1882, 83, 84, —, —, —	In Nebraska.
2089	Widener, Wm. M.	Mar. 1, 81	"	Siox Rapids	Lincoln	May 10, 87	1882, 83, 84, 85, 86, 87	
2091	Westbrook, E. M.	April 27, 81	"	Breda			1882, 83, 84, 85, 86, 87	
2094	Wood, Dexter L.	Feb. 2, 81	"	Strawberry Point			1882, 83, 84, 85, 86, 87	
2104	Wood, W. W.	Feb. 8, 81	"	Des Moines			1882, 83, 84, 85, 86, 87	
2105	Wittmer, J. W.	May 12, 81	Graduate	Dubuque			1882, 83, 84, 85, 86, —	Forfeited. See 3019.
2110	Welch, Jas. H.	May 18, 81	As assistant.	Belle Plaine			1882, —, —, —, —, —	Forfeited.
2145	Warren, Henry V.	June 15, 81	By examination	Marion			1882, 83, 84, —, —, —	Delinquent 3 years.
2146	Wilkins, Geo. S.	May 30, 81	"	Delta			1882, 83, 84, 85, 86, 87	Delinquent 6 years.
2151	Wheeler, Welles	May 30, 81	"	Dunlap			1882, —, —, —, —, —	Delinquent 5 years.
2171	Webber, Chas. J.	July 19, 81	"	Cresco			1882, 83, 84, —, —, —	Removed.
2185	Warner, Melville O.	Aug. 10, 81	"	Ft. Madison			1882, —, —, —, —, —	Out of business.
2203	Wright, W. M.	Sept. 26, 81	"	Keota	Correctionville	Oct. 31, 82	1882, 83, 84, 85, 86, 87	
2207	Westbrook, C. H.	Aug. 30, 81	"	Arcadia	Coon Rapids	Oct. 22, 87	1882, 83, 84, 85, 86, 87	
2222	Waight, Wm. F.	Sept. 25, 81	"	Lenox	Clearfield	April 1, 87	1882, 83, 84, 85, 86, 87	



ABSTRACT—CONTINUED.

78

STATE PHARMACY REGISTER

[E 3]

[1887.]

STATE PHARMACY REGISTER

79

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
2244	Waynick, W. W.	Oct. 3, 81	By examination	Chariton	.....	.....	1882, 83, 84, 85, 86, 87	
2255	Ward, Alfred G.	Oct. 22, 81	"	Fairfield	.....	.....	1882, 83, 84, 85, 86, 87	Canceled by request.
2278	Wilson, M. G.	Nov. 14, 81	"	Oelwein	Oelwein	April 20, 87	1882, 83, 84, 85, 86, 87	
2282	Wilson, Joseph H.	Nov. 25, 81	"	Delta	Rose Hill	Feb. 21, 83	1882, 83, 84, 85, 86, 87	In Missouri.
2334	Williams, W. L.	Feb. 3, 82	"	Mondamin	.....	.....	1882, 83, 84, 85, 86, 87	Dead.
2312	Ward, Elmer E.	Jan. 28, 82	"	Des Moines	Irwin	Dec. 20, 83	1882, 83, 84, 85, 86, 87	Out of business.
2377	Ward, W. F.	Mar. 24, 82	"	New Virginia	.....	.....	1882, 83, 84, 85, 86, 87	Delinquent 5 years.
2390	Wood, C. E.	April 4, 82	"	Dubuque	.....	.....	1882, 83, 84, 85, 86, 87	Retired.
2404	Williams, W. E.	April 25, 82	"	Newell	.....	.....	1882, 83, 84, 85, 86, 87	Left the place.
2407	Warren, Jesse G.	April 14, 82	"	Barnes City	.....	.....	1882, 83, 84, 85, 86, 87	
2410	Warren, Albert S.	April 13, 82	"	Greencastle	.....	.....	1882, 83, 84, 85, 86, 87	
2423	Waterman, Alfred	May 6, 82	"	West Side	.....	.....	1882, 83, 84, 85, 86, 87	Delinquent 4 years.
2426	Warren, J. N.	May 6, 82	"	Storm Lake	Storm Lake	May 10, 86	1882, 83, 84, 85, 86, 87	Out of business.
2429	Wright, Charles B.	May 19, 82	"	Council Bluffs	.....	.....	1882, 83, 84, 85, 86, 87	Left the place.
2438	Wade, R. M.	Jan. 28, 82	"	Farley	.....	.....	1882, 83, 84, 85, 86, 87	
2478	Warr, John E.	July 4, 82	"	Mitchellville	.....	.....	1882, 83, 84, 85, 86, 87	
2486	Worth, E. G.	June 12, 82	"	Centerville	Centerville	Aug. 18, 86	1882, 83, 84, 85, 86, 87	
2491	Worley, John James	June 13, 82	"	Council Bluffs	Villisca	April 29, 84	1882, 83, 84, 85, 86, 87	Canceled by request.
2495	Woods, Isaac W.	July 18, 82	"	Henderson	.....	.....	1882, 83, 84, 85, 86, 87	Out of business.
2503	Weaver, William C.	July 25, 82	"	Shelby	.....	.....	1882, 83, 84, 85, 86, 87	Out of business.
2570	Wells, Miss Mame W.	Jan. 25, 83	"	Cantrill	.....	.....	1882, 83, 84, 85, 86, 87	In Washington Ter.
2606	Webb, Vernon S.	April 17, 83	"	Eldora	.....	.....	1882, 83, 84, 85, 86, 87	
2615	Woods, Frank A.	April 3, 83	"	Malcom	Cedar Rapids	April 28, 87	1882, 83, 84, 85, 86, 87	
2616	Wheaton, Charles	April 30, 83	"	Davenport	Clinton	Feb. 9, 87	1882, 83, 84, 85, 86, 87	
2647	Ward, Perry	June 15, 83	"	Waverly	Walker	May 2, 87	1882, 83, 84, 85, 86, 87	
2661	Wright, Charles E.	July 12, 83	"	New Sharon	Sully	April 29, 84	1882, 83, 84, 85, 86, 87	In Kansas.
2666	Wilder, John J.	July 31, 83	"	Early	Kingsley	July 28, 85	1882, 83, 84, 85, 86, 87	
2674	Wells, George R.	Sept. 5, 84	"	Buffalo	.....	.....	1882, 83, 84, 85, 86, 87	
2693	Will, F. J.	Nov. 5, 83	"	Jewell Junction	.....	.....	1882, 83, 84, 85, 86, 87	
2705	Walk, Henry M.	Nov. 28, 83	"	Medapolis	Columbus Junction	Oct. 2, 85	1882, 83, 84, 85, 86, 87	
2719	Worley, Joshua	Feb. 5, 84	"	Belle Plaine	.....	.....	1882, 83, 84, 85, 86, 87	Canceled by request.
2746	Wright, La Fayette D.	May 5, 84	"	Knoxville	.....	.....	1882, 83, 84, 85, 86, 87	
2756	Wotbel, Theo.	May 6, 84	"	Mt. Pleasant	.....	.....	1882, 83, 84, 85, 86, 87	
2765	Wright, R. C.	July 1, 84	"	What Cheer	Mound Ridge, Kan.	Feb. 23, 87	1882, 83, 84, 85, 86, 87	
2791	West, B. F.	Aug. 5, 84	"	Angus	.....	.....	1882, 83, 84, 85, 86, 87	
2819	Wilcox, John F.	Dec. 2, 82	"	Le Claire	Camanche	Oct. 9, 85	1882, 83, 84, 85, 86, 87	
2825	Waldburger, J. C.	Jan. 2, 85	"	Lehigh	Ft. Dodge	April 25, 85	1882, 83, 84, 85, 86, 87	
2841	Warner, C. L.	Feb. 26, 85	By examination	Dayton	.....	.....	1885, 86, 87	
2848	White, Ira	Mar. 12, 85	"	Jamacia	.....	.....	1885, 86, 87	
2852	Wallace, Arthur H.	April 7, 85	"	Independence	.....	.....	1886, 87	
2859	Wilson, J. E.	April 8, 85	"	Ottumwa	.....	.....	1886, 87	
2865	Wolf, Hugo	April 21, 85	"	Watkins	.....	.....	1886, 87	
2879	Wyckoff, Will	May 12, 85	"	Rock Rapids	.....	.....	1886, 87	
2884	Watkins, Ed. H.	May 27, 85	"	Lucas	.....	.....	1886, 87	Now in Penn.
2886	Wiley, C. R.	June 2, 85	"	Marshalltown	.....	.....	1886, 87	
2890	Wyckoff, E. E.	June 2, 85	"	Burlington	.....	.....	1886, 87	
2899	Walker, E. W.	Aug. 4, 85	"	Schaller	.....	.....	1886, 87	Revoked.
2932	Wachtel, Leo	Oct. 6, 85	"	New Hampton	Elma	Mar. 2, 87	1886, 87	
2933	Waterberry, Mrs. M. L.	Oct. 8, 85	"	Fayette	(Fayette only)	.....	1886, 87	Superseded by 3333.
2937	Weyer, L. J.	Oct. 27, 85	"	Ottumwa	(Ottumwa only)	.....	1886, 87	In Indiana.
2938	Whitman, J. H.	Oct. 29, 85	"	Hampton	(Pleasantville only)	.....	1886, 87	In Wisconsin.
2939	Wright, C. L.	Nov. 3, 85	"	Pleasantville	(Pleasantville only)	.....	1886, 87	Expired Nov. 3, 1887.
2986	Wiley, Frank B.	Mar. 2, 86	"	Marshalltown	Tama City	Oct. 20, 87	1886, 87	
2991	Wagley, O. N.	Mar. 19, 86	"	Newton	.....	.....	1886, 87	
3000	Wilhelm, Theo. F.	April 29, 86	"	Fort Dodge	.....	.....	1887	
3018	Waterberry, Day D.	June 25, 86	As graduate	Fayette	.....	.....	1887	
3019	Wittmer, Joseph W.	July 9, 86	"	Dubuque	.....	.....	1887	
3047	Weis, John	Sept. 16, 86	"	Dubuque	.....	.....	1887	
3091	Witt, Richard F.	Oct. 19, 86	By examination	Clinton	.....	.....	1887	
3092	Winchester, E. E.	Oct. 19, 86	"	Eldora	.....	.....	1887	
3098	Wright, Della	Oct. 18, 86	"	Spencer	.....	.....	1887	
3102	Walker, F. S. T.	Nov. 23, 86	"	Fayette	.....	.....	1887	
3134	Williams, J. I.	Feb. 15, 86	"	Peterson	.....	.....	1887	
3140	Wetherell, F. D.	Feb. 23, 87	"	Mason City	.....	.....	1887	
3142	West, Frank J.	Mar. 2, 87	"	Hampton	.....	.....	1887	
3147	Wyant, E. M.	Mar. 3, 87	"	Waterloo	.....	.....	1887	
3150	Wick, Rollin E.	Mar. 15, 87	"	New Hartford	.....	.....	1887	
3167	Winter, W. S. M.	Mar. 15, 87	"	Polk City	Weldon	May 26, 87	1887	
3168	Whitney, E. F.	Mar. 14, 87	"	Des Moines	.....	.....	1887	
3184	Walker, M. K.	Mar. 22, 87	"	Des Moines	.....	.....	1887	
3186	Willie, Frank	Mar. 29, 86	"	Perry	.....	.....	1887	
3187	Wolrod, Mrs. Grilla S.	Mar. 1, 87	"	Fletcher	.....	.....	1887	
3228	Walker, John M.	April 5, 87	"	Des Moines	Des Moines	Sept. 30, 87	1887	Certificate not deliv'd
3241	Wills, D. H.	May 17, 87	"	Des Moines	.....	.....	1887	
3245	Webb, Chas. M.	May 17, 87	"	De Witt	.....	.....	1887	
3253	Wray, J. H.	June 3, 87	"	Winterset	.....	.....	1887	
3254	Woodman, J. W.	June 6, 87	"	Des Moines	.....	.....	1887	
3255	Witt, J. L.	June 6, 87	"	Logan	.....	.....	1887	
3262	Walker, Jno. T.	June 21, 87	"	Holstein	.....	.....	1887	
3265	Wright, Jonathan	June 21, 87	"	Pulaski	(Pulaski only)	.....	1887	
3278	Wishard, Sam'l G.	July 14, 87	"	Adair	(Adair only)	.....	1887	Expires Jan. 14, 1888.
3285	Whaley, Sam'l E.	Aug. 2, 87	"	What Cheer	.....	.....	1887	
3286	Whitney, W. E.	Aug. 2, 87	"	Tripoli	.....	.....	1887	
3326	Wheeler, F. E.	Oct. 4, 87	"	Conrad	Marshalltown	Nov. 16, 87	1887	
3333	Waterberry, Mary L.	Oct. 15, 87	"	Fayette	.....	.....	1887	
3342	Wirth, Cyrillus	Nov. 21, 87	"	Bellevue	.....	.....	1887	
3344	Wood, Spencer	Oct. 4, 87	"	Jefferson	.....	.....	1887	



## ABSTRACT—CONTINUED.

Number of certificate.	NAME.	Date of registration.	HOW REGISTERED.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
344	Young, W. N.	June 17, 80	As assistant.	Council Bluffs	Knoxville	Mar. 14, 87	1882, 83, 84, 85, 86, 87	Superseded by 3398.
365	Young, W. N.	June 17, 80	As principal.	Knoxville	Knoxville	Mar. 14, 87	1882, 83, 84, 85, 86, 87	Forfeited.
385	Young, W. N.	June 17, 80	As owner.	Mason	Mason	Mar. 14, 87	1882, 83, 84, 85, 86, 87	Forfeited.
450	Young, Daniel M.	June 17, 80	"	West Branch	West Branch	Mar. 14, 87	1882, 83, 84, 85, 86, 87	Forfeited.
1460	Young, Chas. E.	July 30, 80	As assistant.	Culfax	Culfax	Mar. 14, 87	1882, 83, 84, 85, 86, 87	Forfeited.
1560	Young, Jas. G.	June 21, 80	As owner.	Knoxville	Knoxville	Mar. 14, 87	1882, 83, 84, 85, 86, 87	Out of business.
1660	Young, C. C.	Aug. 19, 80	As assistant.	Spring Hill	Spring Hill	Mar. 14, 87	1882, 83, 84, 85, 86, 87	Forfeited.
1660	Young, C. C.	Aug. 19, 80	By examination.	Bayard	Bayard	Mar. 14, 87	1882, 83, 84, 85, 86, 87	Forfeited.
2573	Young, William W.	Feb. 6, 83	"	Linden	Linden	Mar. 14, 87	1882, 83, 84, 85, 86, 87	Forfeited.
2594	Young, George M.	Mar. 14, 83	"	Danbury	Danbury	Mar. 14, 87	1882, 83, 84, 85, 86, 87	Forfeited.
2688	Vockey, Clement C.	Nov. 15, 83	"	Newbern	Newbern	Mar. 14, 87	1882, 83, 84, 85, 86, 87	Forfeited.
2982	Vocorn, Albert L.	Jan. 19, 85	"	Davis City	Davis City	Mar. 14, 87	1882, 83, 84, 85, 86, 87	Forfeited.
3003	Vost, C. L.	May 4, 86	"	Knoxville	Knoxville	Mar. 14, 87	1882, 83, 84, 85, 86, 87	Forfeited.
3256	Young, O. P.	Aug. 16, 87	"	Reesor	Reesor	Mar. 14, 87	1882, 83, 84, 85, 86, 87	Forfeited.
106	Zimmerman, D.	June 7, 80	As principal.	Corydon	Corydon	Mar. 14, 87	1882, 83, 84, 85, 86, 87	Forfeited.
413	Zern, S. D.	June 8, 80	As owner.	Dubuque	Dubuque	Mar. 14, 87	1882, 83, 84, 85, 86, 87	Forfeited.
1332	Ziepprecht, H.	July 8, 80	As assistant.	Dubuque	Dubuque	Mar. 14, 87	1882, 83, 84, 85, 86, 87	Forfeited.
1384	Ziepprecht, Conrad	July 8, 80	As owner.	Dubuque	Dubuque	Mar. 14, 87	1882, 83, 84, 85, 86, 87	Forfeited.
1617	Ziesig, Charles A.	Aug. 20, 80	As assistant.	Moscow	Moscow	Mar. 14, 87	1882, 83, 84, 85, 86, 87	Forfeited.
1617	Ziesig, Harry F.	Aug. 20, 80	As assistant.	Moscow	Moscow	Mar. 14, 87	1882, 83, 84, 85, 86, 87	Forfeited.
2115	Zoller, Harry F.	Sept. 25, 80	By examination.	Orlando Station	Orlando Station	Mar. 14, 87	1882, 83, 84, 85, 86, 87	Forfeited.
2115	Zoller, Harry F.	Sept. 25, 80	By examination.	Orlando Station	Orlando Station	Mar. 14, 87	1882, 83, 84, 85, 86, 87	Forfeited.
2319	Zimmerman, David	Dec. 31, 81	As graduate.	Dunreath	Dunreath	Mar. 14, 87	1882, 83, 84, 85, 86, 87	Forfeited.
2781	Zerr, Francis	July 10, 84	As graduate.	Sioux City	Sioux City	Mar. 14, 87	1882, 83, 84, 85, 86, 87	Forfeited.

## LIST OF REGISTERED PHARMACISTS, BY COUNTIES.

## ADAIR COUNTY.

No. of certificate.	NAME.	TOWN.	No. of certificate.	NAME.	TOWN.
2226	Grimith, J. O.	Greenfield.	1141	Scott, Calvin B.	Fontanelle.
1921	Knapp, C. D.	Greenfield.	2977	Sampson, Frank E.	Greene field.
1166	McDonnell, Peter.	Fontanelle.	625	Teacut, Albert E.	Greenfield.
2583	Monnett, Hamlin V.	Orient.	2862	Trumbull, Ira F.	Adair.
1677	Parsons, Fayette	Adair.	3278	Wishard, Samuel G.	Adair.
2741	Ragan, Edwin W.	Bridgewater.			

## ADAMS COUNTY.

463	Booth, A. E.	Prescott.	1476	Sweet, Homer L.	Mt. Etna.
7854	Barkalow, D. G. E.	East Nodaway.	2140	Seiby, J. Milton	Carbon.
2126	Coakley, Joshua W.	Mt. Etna.	2419	Stilliams, W. A.	Corning.
728	Peregrine, Chas. S.	Brooks.	2440	Salts, Andrew J.	Corning.
1714	Peregrine, J. S.	Brooks.	3044	Smith, John H.	Corning.
38	Rawson, Homer C.	Corning.	3122	Selby, S. D.	Carbon.
382	Rawson, Allen A.	Corning.	398	Twining, J. L.	Corning.
329	Smith, Joseph T.	Corning.	1766	Walker, I. H.	Quincy.

## ALLAMAKEE COUNTY.

1807	Blum, Chas. C.	Rossville.	1879	Kennedy, John F.	Waukon.
1808	Heeman, C. D.	Waukon.	753	Markley, Geo. H.	Lansing.
1660	Douglass, R. N.	Postville.	2779	Myers, S. C.	Rossville.
3012	Earle, W. C.	Waukon.	2734	Nachtwey, Theo.	Lansing.
3229	Fowler, I. D.	Lansing.	1291	Robbins, Albin E.	Waukon.
1558	Gillechrist, W. T.	Waukon.	3327	Raymond, Wm. F.	Waukon.
2995	Hoyer, John	New Albin.	1057	Staatd, Anton	Postville.
1233	Kennedy, James A.	Waukon.	1058	Staatd, Godfrey	Postville.

## APPANOOSE COUNTY.

841	Armstrong, G. W.	Centerville.	9264	Richardson, Joshua	Moravia.
817	Blosser, Geo. W.	Moulton.	2895	Smith, W. E.	Centerville.
2451	Berry, W. F.	Moulton.	235	Wales, L. C.	Piano.
1642	Cummins, E.	Moravia.	816	Wright, S. W.	Centerville.
902	Duffield, G. W.	Centerville.	1268	Wymann, J. H.	Unionville.
3065	Kick, Fred	Centerville.	2446	Wentworth, E. G.	Centerville.
305	McCreary, W. M.	Centerville.	3211	Willis, D. H.	Moravia.
2521	Powers, C. A.	Moulton.			

## AUDUBON COUNTY.

2366	Andrews, Chas. H.	Exira.	2132	Houston, O. J.	Audubon.
3218	Bisom, Chas. L.	Brayton.	361	Houston, Chas. W.	Audubon.
173	Boughly, Wm.	Audubon.	2218	Lass, D. G.	Audubon.
2450	Claughly, John F.	Audubon.	269	Roberts, A. H.	Audubon.
564	Hardenbrook, Geo.	Exira.			



## LIST OF REGISTERED PHARMACISTS—CONTINUED.

## BENTON COUNTY.

No. of certificate.	NAME.	ADDRESS.	No. of certificate.	NAME.	ADDRESS.
1285	Brubaker, Joseph S.	Vinton.	1283	Palmer, Walter S.	Vinton.
2531	Bielenberg, Jno. R.	Keystone.	3192	Pierce, W. H.	Van Horne.
3161	Brubaker, Chas. W.	Vinton.	303	Richardson, Romain	Bialstown.
3096	Capwell, D. H.	Garrison.	513	Springer, James T.	Norway.
3291	Dingman, Jr., Geo. W.	Urbana.	514	Springer, S. H.	Vinton.
307	Hunter, W. A.	Belle Plaine.	1888	Speers, Geo. W.	Vinton.
1280	Hunter, W. A.	Vinton.	2971	Steffa, G. A.	Belle Plaine.
3200	Hummer, James S.	Vinton.	2529	Townsend, James M.	Shellsburg.
3289	La Grange, O. D.	Garrison.	2223	Thompson, W. W.	Belle Plaine.
295	Nichols, Edward	Belle Plaine.	3038	Van Horne, E. R.	Vinton.
2112	Oren, Samuel A.	Mt. Auburn.	264	Van Meter, James G.	Belle Plaine.
1281	Palmer, Henry N.	Vinton.	2856	Wolf, Hugo	Watkins.

## BLACK HAWK COUNTY.

405	Bryant, Wm. C.	Cedar Falls.	2842	Mack, Geo. J.	Waterloo.
744	Boynton, F. S.	La Porte City.	2927	Myers, W. E.	Waterloo.
1336	Barber, Earle	Waterloo.	2332	Pfeiffer, Jr., Henry	Cedar Falls.
1405	Cummins, M. L.	La Porte City.	3221	Powers, J. W.	Hudson.
1333	Fowler, R. P.	Waterloo.	1331	Robertson, Fred'k W.	Waterloo.
1341	Forry, Wm. W.	Waterloo.	1337	Shutta, Harvey L.	Waterloo.
1334	Henderson, James L.	Waterloo.	1340	Snowden, William	Waterloo.
355	Johnson, Henry	Cedar Falls.	3137	Slusher, J. M.	Hudson.
746	James, Isaac	La Porte City.	3158	Snowden, Albert L.	Waterloo.
2042	Joder, Josiah K.	Waterloo.	404	Wise, Chas. A.	Cedar Falls.
2515	Knapp, James J.	Waterloo.	1338	Wangler, C. D.	Waterloo.
1935	Meyer, Henry	Waterloo.	1339	Wangler, E. C.	Waterloo.
2781	Morin, Geo. S.	Cedar Falls.	3147	Wyant, E. M.	Waterloo.
3167	Miller, C. E.	Waterloo.			

## BREMER COUNTY.

1691	Broadie, A. A.	Waverly.	2063	Kaufman, Ed. J.	Waverly.
2335	Bennett, Jos. W.	Waverly.	2913	Moore, Chas. W.	Janesville.
2472	Bryant, Z. Z.	Sumner.	1309	Pomeroy, J. C.	Waverly.
1307	Covert, Sidney	Waverly.	1771	Wilson, J. N.	Sumner.
3097	Guthrie, John M.	Tripoli.	3286	Whitney, W. E.	Tripoli.

## BOONE COUNTY.

232	Anderson, A. A.	Boone.	1982	Johnson, D. M.	Boone.
3148	Anderson, A. G.	Ogden.	2576	Lyon, John H.	Moingona.
2799	Coveney, J. T.	Madrid.	915	Mallory, Dwight	Boonsboro.
2872	Conley, H. C.	Moingona.	916	Mallory, Adela	Boonsboro.
899	Dawkins, Benj. M.	Mineral Ridge.	2458	McMechan, John	Boone.
2952	De Tar, Theodore	Boone.	1021	Pitman, John S.	Ogden.
2968	Draper, J. S.	Boone.	1957	Peterson, Jonas B.	Boone.
2593	Eitinger, Hugh J.	Boone.	293	Thormahlen, Henry	Boone.
1855	Fitzgerald, Maurice	Boone.	3271	Tornblom, Alf L.	Boone.
3053	Farr, H. S.	Madrid.	2851	Varner, T. H.	Angus.
3103	Gore, Irvin	Pilot Mound.	208	Welsh, Geo. H.	Boone.
3107	Gardner, Andrew J.	Ogden.	2791	West, B. F.	Angus.
1885	Hatten, Henry	Madrid.			

## LIST OF REGISTERED PHARMACISTS—CONTINUED.

## BUCHANAN COUNTY.

No. of certificate.	NAME.	ADDRESS.	No. of certificate.	NAME.	ADDRESS.
1546	Baker, W. E.	Hazleton.	2925	Longneekard, Albert.	Independence.
1364	Chamberlain, M. A.	Winthrop.	1672	McEwen, Chas.	Independence.
3195	Cone, Alfred B.	Winthrop.	2162	McGonigal, W. A.	Winthrop.
3282	Chamberlain, A. M.	Winthrop.	3227	Ryan, James B.	Winthrop.
1594	Everett, F. J.	Fairbank.	651	Smale, George	Independence.
1967	Everett, F. G.	Fairbank.	2898	Stoddard, F. S.	Jesup.
89	Hyde, M. J.	Brandon.	656	Tabor, B. W.	Independence.
611	Hovey, Horace W.	Independence.	657	Tabor, P.	Independence.
1523	Hastings, Elias W.	Quasqueton.	76	Volgamot, A. R.	Fairbank.
2340	Hunter, Fred E.	Independence.	663	Wallace, C. R.	Independence.
1529	Kenyon, T. F.	Jesup.	986	Wheaton, Martin S.	Hazleton.
190	Lewis, William	Quasqueton.	2852	Wallace, Arthur H.	Independence.
949	Little, Charles	Lamont.			

## BUENA VISTA COUNTY.

1205	Brown, Daniel D.	Storm Lake.	3267	Hamil, John Ransom	Newell.
2285	Cameron, Chas. E.	Alta.	1833	Johnston, L. M.	Storm Lake.
1187	Hoskins, Ed	Sioux Rapids.	1804	Morey, James P.	Storm Lake.
2903	Hall, Solon G.	Alta.	2519	Morey, Herbert	Alta.
2708	Hadden, David E.	Alta.	2368	Niemann, Theodore	Newell.
3340	Hassels, J. C.	Storm Lake.	2426	Warren, J. N.	Storm Lake.

## BUTLER COUNTY.

1392	Birney, Ada F.	Greene.	2087	Harrison, D. C.	Clarksville.
2166	Burbank, Jerome	Allison.	599	Nevins, John	Greene.
2168	Burroughs, Samuel E.	Allison.	1727	Ostler, J. W.	Greene.
3155	Burbank, Geo. W.	Allison.	3	Playter, John B.	Bristow.
890	Cole, John L.	Greene.	123	Rhoads, H. M.	Clarksville.
2974	Cole, Geo. T.	Greene.	3284	Riggs, John A.	Parkersburg.
1179	Dudley, Edward H.	Shell Rock.	1178	Stonebreaker, A. G.	Shell Rock.
1584	Dumont, T. A.	Dumont.	273	Smith, W. H.	Shell Rock.
2944	Freerks, Ed. M.	Parkersburg.	1176	Thorp, Edward L.	Shell Rock.
1924	George, J. M.	Aplington.	3140	Wick, Rollin E.	New Hartford.
1071	Howenstein, Willis M.	Parkersburg.			

## CARROLL COUNTY.

1801	Armstrong, R. S.	Coon Rapids.	2117	Root, J. K.	Coon Rapids.
3146	Anderson, August	Coon Rapids.	1608	Sturges, N. F.	Carroll.
306	Beberger, G. F.	Carroll.	3236	Sturges, Will E.	Carroll.
1789	Barber, Geo. M.	Manning.	2142	Stoll, L. S.	Arcadia.
1872	Foster, W. E.	Giddens.	2346	Stouffer, Peter B.	Manning.
2313	Feenstra, J. B. H.	Arcadia.	3175	Scott, Jas. C.	Giddens.
325	Hutton, Jas. W.	Carroll.	1671	Waterscheidt, Chas.	Halbur.
2268	Hawver, B. H.	Dedham.	2267	Westbrook, C. H.	Coon Rapids.
2468	Jones, Uriah C.	Breda.			

## CASS COUNTY.

3171	Cromley, John F.	Griswold.	3234	McClain, C.	Atlantic.
762	Davis, Mahlon J.	Lewis.	247	Nichols, Wm. M.	Atlantic.
1702	Downs, E. B.	Lewis.	272	Nichols, Jonathan	Atlantic.
3037	Hardley, Will J.	Atlantic.	627	Pipher, John	Griswold.
2547	Hardesty, Frank	Atlantic.	1933	Scar, Geo. F.	Cumberland.
1863	Jones, J. B.	Atlantic.	2403	Sulta, M. F.	Wiota.
763	Kiehl, Richard S.	Anita.	3057	Scott, James	Massena.
242	Major, E. E.	Anita.	3143	Snelson, Wm	Massena.
283	Montgomery, G. S.	Atlantic.	2474	Thompson, E. C.	Marne.
2295	McClees, C. H.	Marne.	257	Wilkin, R. D.	Atlantic.



## LIST OF REGISTERED PHARMACISTS—CONTINUED.

## CEDAR COUNTY.

No. of certificate.	NAME.	ADDRESS.	No. of certificate.	NAME.	ADDRESS.
81	Bills, E. B.	Durant.	2555	Leech, Louis	West Branch.
162	Bair, Adam	Rochester.	1192	Mather, Wm.	Springdale.
331	Blair, W. H.	Clarence.	1193	Mather, Chas. E.	Springdale.
1490	Bennett, Norman	Mechanicsville.	2839	Pine, P. R.	Tipton.
1990	Brotherlin, H. L.	Downly.	2935	Ross, Chas. K.	Tipton.
445	Crozer, James	Downly.	395	Smith, Geo. E.	Clarence.
1762	Gould, C. E.	Mechanicsville.	2688	Schumacher, H.	Durant.
757	Hahn, W. F.	Lowden.			

## CERRO GORDO COUNTY.

3250	Atkinson, J. H.	Mason City.	339	Eldridge, Alfred D.	Clear Lake.
3322	Adams, Joseph W.	Mason City.	2915	Miller, E. C.	Rockwell.
2187	Burns, Edwin M.	Mason City.	3075	Phillips, H. Bradley.	Clear Lake.
3308	Baker, Lincoln E.	Mason City.	1893	Stewart, Chas. M. C.	Mason City.
1240	Duffield, Samuel B.	Mason City.	3140	Wetherell, F. D.	Mason City.
320	Ezell, John L.	Clear Lake.			

## CLAY COUNTY.

2085	Clopper, W. T.	Spencer.	2835	Pember, H. H.	Spencer.
2554	De Witt, W. W.	Peterson.	3094	Wright, Della T.	Spencer.
1211	Painter, David	Spencer.	3131	Williams, J. L.	Peterson.

## CLARKE COUNTY.

2441	Blythe, Calvin	Woodburn.	3194	Landis, Jesse E.	Murray.
2999	Bower, J. J. C.	Osceola.	1123	Martin, M. T.	Woodburn.
810	Garretson, B. F.	Osceola.	2892	Miller, T. L.	Murray.
818	Girgitz, B. H. C.	Murray.	1033	Roberts, Jason	Osceola.
847	Landis, S. L.	Murray.	1897	Reel, Z. T.	Osceola.
2641	Lawrence, Edward	Osceola.	2086	Reel, A. R.	Osceola.

## CLAYTON COUNTY.

517	Rayless, Frank D.	Elkader.	345	Kriebs, Geo.	Elkport.
1557	Bixby, Hanson J.	Edgewood.	1994	Newman, M. M.	Edgewood.
1558	Blanchard, Lewis	Edgewood.	82	Plumb, Edwin B.	McGregor.
892	Dean, C. A.	Mouona.	834	Peterson, Sam'l J.	McGregor.
514	Hagensiek, H. H.	Elkader.	610	Vozel, John R.	Guttenberg.
2198	Hog, Edward H.	Strawberry Point.	881	Wood, Annie L.	McGregor.
3190	Heine, Wm. H.	Guttenberg.	1184	Williams, Edward B.	Strawberry Point.
3194	Ig, Joseph E.	Elkader.	1551	Wood, Thos. W.	McGregor.
913	Kennedy, Marshall G.	McGregor.	1857	White, Wylis P.	Volga City.
2167	Kuenzel, Herman C.	Garnaville.	2094	Wood, Dexter L.	Strawberry Point.

## CHEROKEE COUNTY.

3302	Reichmann, Otto C.	Cherokee.	1674	Olds, Ben' R.	Aurelia.
240	Crady, El. E.	Cherokee.	2360	Parker, K. W.	Cherokee.
56	Faling, Jeremiah	Mareus.	2431	Quinn, Chas. F.	Meriden.
3335	Georges, Amandus G.	Mareus.	347	Sivester, W. G.	Cherokee.
2641	Ingels, J. B.	Meriden.	403	Wellman, Z. A.	Cherokee.
1411	Merrill, W. F.	Aurelia.			

## LIST OF REGISTERED PHARMACISTS—CONTINUED.

## CALHOUN COUNTY.

No. of certificate.	NAME.	ADDRESS.	No. of certificate.	NAME.	ADDRESS.
2149	Crisinger, Jno. C.	Farnhamville.	2747	Foley, W. J.	Manson.
3091	Cook, V. W.	Lake City.	2475	Losee, A. B.	Lake City.
3008	Craig, J. W.	Lorville.	169	Mullan, M. F.	Pomeroy.
3052	Dyer, Henry W.	Rockwell.	855	Young, B. F.	Manson.
2147	Fisher, H.	Pomeroy.			

## CHICKASAW COUNTY.

940	Briggs, L. L.	New Hampton.	3258	Landon, Judd E.	Lawler.
2297	Burlingham, E. H.	Fredericksburg.	941	McMullen, F. A.	New Hampton.
1541	Cunningham, Jas. F.	Ionia.	951	Olmstead, Earl N.	New Hampton.
1953	Dickinson, E. R.	Bradford.	2299	Ray, H. G.	Nashua.
350	Gardner, Weston D.	New Hampton.	14	Sherman, Milo L.	Fredericksburg.
3311	Gardner, H. W.	New Hampton.	934	Troy, Samuel S.	Nashua.
2096	Kendall, J. P.	Bassett.	1937	Woodbridge, M. L.	Nashua.
2676	Landon, O. M.	Lawler.			

## CRAWFORD COUNTY.

2493	Bullock, Chas.	Denison.	2138	McLain, Geo. H.	Vail.
3281	Burk, James F.	Denison.	3288	McAhen, W. J.	Denison.
1781	Kvans, Warren B.	Dow City.	3249	McWilliams, J. J.	Charter Oak.
2455	Gardner, J. B.	Manilla.	2333	Richardson, Geo. A.	West side.
1798	Knaul, Rodolph	Denison.	2144	Schlumberger, Philip.	Denison.
2987	Kulest, Frank V.	Charter Oak.	2092	Wesbrook, E. M.	Vail.

## CLINTON COUNTY.

3312	Baxter, C. V.	De Witt.	129	Miller, H. D.	Grand Mound.
2108	Brooks, John E.	Clinton.	189	McKenzie, H. M.	Elwood.
2725	Brobst, D. B.	Lost Nation.	189	McKenzie, Emma M.	Elwood.
2613	Comstock, D. D.	Lost Nation.	363	Majer, Oscar	Clinton.
2847	Cowden, A. M.	Elvira.	2375	Mauz, Constanz	Lyons.
1831	Farley, N. D.	Goose Lake.	3332	Meesmann, Hugo	Clinton.
1329	Guenther, Henry	Wheatland.	374	Olney, Arthur R.	Clinton.
1339	Gamble, Thomas D.	Wheatland.	3243	Ruff, H. J.	Lyons.
352	Huston, Geo. W.	Clinton.	3068	Smith, S. B.	Clinton.
3310	Hess, Elmer A.	Lyons.	764	Snyder, Daniel B.	Lyons.
1540	Hart, Rolla J.	Low Moor.	3117	Vann, August A. E.	Lyons.
2754	Harvey, John Thos.	Clinton.	40	Webb, John B.	De Witt.
2904	Hog, E. L.	Clinton.	415	Walker, S. B.	Calamus.
2722	John, Milo J.	Clinton.	1984	Westbrook, M. H.	Lyons.
3034	King, E. H.	Clinton.	26	Wheaton, John	Clinton.
1701	Langheim, J. M.	Charlotte.	2419	Wilcox, John F.	Camanche.
1943	Lee, Francis	Clinton.	3091	Witt, Richard	Clinton.
3226	Legg, E. B.	Clinton.	3248	Webb, Chas. M.	De Witt.

## DAVIS COUNTY.

71	Dunlavy, James	Stiles.	285	Mitchell, John H.	Bloomfield.
137	Falk, Chas.	West Grove.	287	Mitchell, W. S.	Bloomfield.
814	Findley, John B.	Bloomfield.	1453	Norris, T. O.	Troy.
301	Gibbons, A. D.	Bloomfield.	3288	Ramey, Robert B.	Floris.
1510	Halstead, Timothy J.	Savannah.	1882	Shelton, Alva H.	Pulaski.
300	McAchan, W. H.	Bloomfield.	3265	Wright, Jonathan	Pulaski.



## LIST OF REGISTERED PHARMACISTS—CONTINUED.

## DALLAS COUNTY.

No. of certificate.	NAME.	ADDRESS.	No. of certificate.	NAME.	ADDRESS.
2662	Adams, John R.	De Soto.	3109	Morton, Clarence B.	Perry.
264	Brenton, J. B.	Adel.	437	Richmond, Jas. A.	Dallas Center.
265	Brenton, A. G.	Adel.	1684	Roberts, Harry	Dallas Center.
1639	Brookings, D. J.	Woodward.	3222	Rawson, C. D.	Van Meter.
1670	Bice, D. Corwin.	De Soto.	53	Seidler, William	Minburn.
1049	Courtney, Henry	Perry.	2753	Simcoke, J. L.	Agel.
1355	Clarke, C. F. M.	Wauke.	456	Stanley, J. G.	Dexter.
238	Freed, David A.	Redfield.	2828	Townsend, Isaac L.	Perry.
1478	Houghton, F. E.	Adel.	1647	Willis, Arthur E.	Perry.
1802	Hayes, D. D.	Perry.	3186	Willis, Frank	Perry.
2386	Jennings, W. S.	Perry.	2594	Young, Geo. M.	Linden.
160	Long, G. P.	Perry.			

## DECATUR COUNTY.

2241	Alexander, W. A.	Leon.	2269	Mitchell, Enos.	Weldon.
2330	Brown, Artemus.	Westerville.	1078	Peters, W. E.	Pleasanton.
3179	Bone, H. C.	Grand River.	2467	Parrish, Henry	Decatur.
163	Chase, Able E.	Leon.	104	Ray, J. A.	Leon.
2243	De Kalb, Benj.	De Kalb.	476	Robinson, J. H.	Davis City.
2730	Hansen, John H.	Lamoni.	2700	Todd, W. H.	Van Wirt.
3174	Hyatt, N. J.	Van Wirt.	2323	Van Werden, Louis.	Leon.
2130	Layton, H. K.	Leon.	407	Woodbury, Geo.	Garden Grove.
2530	Laney, W. J.	Davis City.	408	Woodbury, G. J.	Garden Grove.
1969	Macey, E. C.	Harding.	3167	Winter, W. S.	Weldon.
2190	Mather, J. W.	Davis City.			

## DELAWARE COUNTY.

891	Atwater, Frank J.	Manchester.	61	Harwood, Geo.	Masonville.
3036	Anders, F. W.	Earlville.	7	Lout, C. B.	Delaware.
713	Bush, Jno. V.	Colesburg.	720	Livingston, Hugh.	Hopkinton.
1410	Brown, W. Edgar.	Manchester.	1202	Reeves, Thomas J.	Earlville.
536	Cole, Thomas	Colesburg.	919	Smith, Henry C.	Manchester.
2204	Conger, E. J.	Manchester.	630	Williamson, W. R.	Hopkinton.
2862	Douglas, C. W.	Greeley.	2438	Wade, R. M.	Masonville.
563	Fuller, Mandana	Earlville.			

## DES MOINES COUNTY.

1602	Bridges, John.	Kossuth.	1371	Merrill, Chas. H.	Burlington.
1927	Brown, E. H.	Burlington.	1112	Niehaus, E. W.	Burlington.
2976	Baldwin, P. A.	Yarmouth.	1538	Price, J. W.	Burlington.
117	Churchill, F. E.	Burlington.	291	Richter, Adolph H.	Burlington.
491	Crowder, John J.	Mediapolis.	2542	Robinson, David D.	Burlington.
960	Churchill, Frank	Burlington.	199	Salmon, M. M.	Burlington.
1606	Chambers, R. M.	Danville.	1110	Shafer, J. A.	Burlington.
1631	Danner, Harry M.	Burlington.	2230	Schenk, Geo. W.	Burlington.
1445	Fritts, William D.	Burlington.	3015	Squires, C. P.	Burlington.
1539	Henry, Geo. C.	Burlington.	984	Taylor, Richard A.	Burlington.
2812	Heitz, J. W.	Burlington.	1372	Witte, John H.	Burlington.
1607	Jordan, F. H.	Danville.	1537	Wiese, Henry F.	Burlington.
2962	Kingsbury, Howard	Burlington.	2890	Wyckoff, E. E.	Burlington.
3196	Ley, Wm. N.	Burlington.			

## DICKINSON COUNTY.

579	Brownell, Elias L.	Spirit Lake.	3203	Haines, Calvin.	Spirit Lake.
1189	Baxter, Geo. W.	Spirit Lake.	3085	Renken, E. C.	Spirit Lake.

## LIST OF REGISTERED PHARMACISTS—CONTINUED.

## DUBUQUE COUNTY.

No. of certificate.	NAME.	TOWN.	No. of certificate.	NAME.	TOWN.
1184	Allen, Wm. P.	Dubuque.	536	Livermore, Chas. A.	Cascade.
3095	Andres, Gus H.	Dubuque.	3069	McInerney, Thos. H.	Dubuque.
3150	Ahlens, John T.	New Vienna.	2233	Oldridge, W. V.	Farley.
1175	Brown, William K.	Dubuque.	1888	Porter, Edwin C.	Dubuque.
2007	Burns, J. H.	Dubuque.	3157	Palen, Joseph A.	Dubuque.
2219	Brown, Charles J.	Dubuque.	477	Ruete, Theo. W.	Dubuque.
1513	Coy, James W.	Dubuque.	2928	Ruff, Oscar	Dubuque.
3051	Dempsey, P. J.	Cascade.	2356	Reche, Henry Chas.	Dubuque.
480	Frastz, Fred Chas.	Dubuque.	451	Smith, David S.	Dyersville.
3100	Foersterling, Herman	Dubuque.	3115	Schneider, Henry	Dubuque.
479	Hervey, James	Dubuque.	3275	Salot, Geo. W.	Dubuque.
479	Haas, Julius W.	Dubuque.	227	Thormann, Fred G.	Dubuque.
2560	Holbrook, Geo. A.	Dyersville.	421	Torbert, W. H.	Dubuque.
2634	Heffernan, John.	Cascade.	450	Wunderlich, Geo. W.	Dubuque.
3114	Kiaer (Von H.), H. J.	Dubuque.	3019	Wittmer, Joseph W.	Dubuque.
226	LaNiece, Mart J. G.	Dubuque.	3047	Weis, John	Dubuque.

## EMMETT COUNTY.

1883	Railard, E. H.	Estherville.	2391	Little, M. A.	Estherville.
3199	Klopp, J. I.	Estherville.			

## FRANKLIN COUNTY.

2211	Aborn, F. I.	Sheffield.	2917	Newhouse, H. E.	Sheffield.
629	Baldwin, Emmet V.	Hampton.	3309	Nichols, W. E.	Sheffield.
3251	Funk, Edgar M.	Hampton.	1936	Tidd, C. H.	Geneva.
628	Hutchins, James H.	Hampton.	927	Weaver, A. R.	Chapin.
3245	Hine, J. B.	Hampton.	928	Weaver, S. P.	Chapin.
2471	Krebbs, Jacob	Hampton.	3142	West, Frank J.	Hampton.
1878	McDonald, J. W.	Hampton.			

## FAYETTE COUNTY.

72	Burnside, J. M.	Waucoma.	2057	Peterson, Jerry H.	Oelwein.
2905	Bullock, Frank H.	Fayette.	2002	Rhodes, John	Fayette.
3118	Barrell, Geo. M.	West Union.	292	Shumway, M.	Brush Creek.
3033	Dana, Corbin A.	West Union.	1327	Scofield, Proctor D.	West Union.
3178	Darnall, Chas. F.	West Union.	2504	Stoehr, Gus A.	Elgin.
555	Finke, Walter H.	Elgin.	3018	Waterbury, Day D.	Fayette.
2152	Fisher, Lewis A.	West Union.	532	Waterbury, S. E.	Fayette.
150	Goodrich, H. J.	West Union.	1321	White, Albert K.	West Union.
12	Husband, Chas. A.	Waucoma.	1322	White, Fred W.	Clermont.
2643	Hanes, Geo. W.	Maynard.	1930	Wilson, Archie C.	Oelwein.
3213	Hadsel, H. S.	Maynard.	2278	Wilson, N. G.	Oelwein.
1013	Samson, Geo. W.	Oelwein.	2666	Webb, Vernon S.	Hawkeye.
2418	Kane, Philip	Oelwein.	3102	Walker, F. S.	Fayette.
2154	Lewis, W. C.	Clermont.	3333	Waterbury, Mary L.	Fayette.



## LIST OF REGISTERED PHARMACISTS—CONTINUED.

## FLOYD COUNTY.

No. of certificate.	NAME.	ADDRESS.	No. of certificate.	NAME.	ADDRESS.
3201	Asper, R. Rod .....	Marble Rock.	3263	Fulton, J. L. ....	Rockford.
955	Birney, Clavins C. ....	Nora Springs.	179	Hubbard, F. M. ....	Nora Springs.
1142	Birney, Catharine ....	Floyd.	1701	Hausford, Geo. S. ....	Charles City.
1143	Birney, Lewis. ....	Floyd.	2821	Legel, John G. ....	Charles City.
1198	Brincken, Anton. ....	Rockford.	1122	Miles, Henry F. ....	Charles City.
2405	Brittan, Jr., S. F. ....	Rockford.	1124	Miles, Wilbur F. ....	Charles City.
2836	Blythe, S. G. ....	Nora Springs.	3024	May, Geo. E. ....	Floyd.
113	Crane, G. W. ....	Charles City.	22	Perrin, Willard. ....	Charles City.
2509	Clarke, Columbus J. ....	Marble Rock.	3026	Paddieford, J. F. ....	Nora Springs.
3247	Clemens, Mike. ....	Charles City.	1847	Powell, L. E. ....	Charles City.

## FREMONT COUNTY.

1505	Adams, William E. ....	Farragut.	2056	Penn, J. H. ....	Sidney.
2259	Cowger, Evan F. ....	Riverton.	2218	Putman, T. L. ....	Riverton.
2339	Gingles, J. J. ....	Imogene.	167	Robbins, W. ....	Farragut.
1042	Hatton, S. C. ....	Riverton.	639	Rees, William W. ....	Hamburg.
1722	Harris, T. C. ....	Bartlett.	3337	Rees, L. A. ....	Hamburg.
508	Keele, Riley. ....	Sidney.	2094	Sperry, Lewis B. ....	Hamburg.
2977	Kidder, Rush E. ....	Imogene.	2538	Sproul, C. H. ....	Hamburg.
638	Mann, James. ....	Hamburg.	168	Trullinger, W. B. ....	Farragut.
1261	Otis, Clarence M. ....	Taber.	1092	Wilson, Jas. B. ....	Hand-Joh.
1225	Penn, Alphonso V. ....	Sidney.	1263	Williams, David M. ....	Plum Hollow.

## GREENE COUNTY.

616	Crow, Wm. W. ....	Grand Junction.	1465	Olive, Richard. ....	Seranton.
3004	Cass, F. D. ....	Churdan.	2337	Riley, F. M. ....	Jefferson.
2642	Ensign, Chas. ....	Seranton.	3067	Riley, Andrew G. ....	Seranton.
671	Foy, Edward W. ....	Jefferson.	1230	Roberts, Ben. J. F. ....	Seranton.
1568	Freeman, Edward. ....	Jefferson.	2533	Robbins, C. A. ....	Seranton.
1792	Lapenotiere, E. M. ....	Grand Junction.	87	Sherman, J. M. ....	Paton.
2320	Morris, John C. ....	Seranton.	3344	Wood, Spencer. ....	Jefferson.
1462	Osborn, Ben. F. ....	Rippey.			

## GRUNDY COUNTY.

912	Bowman, James K. ....	Beaman.	20-S	Kelter, Louis M. ....	Grundy Center.
2081	Burroughs, Stephen W. ....	Holland.	2460	La Grange, Theodore. ....	Reinbeck.
2904	Hummel, Mathias ....	Grundy Center.	2711	McTett, Thomas M. ....	Grundy Center.
1088	Junger, Hugo. ....	Reinbeck.	2798	Reynolds, G. D. ....	Conrad.
1856	Kenyon, T. S. ....	Grundy Center.			

## GUTHRIE COUNTY.

1638	Archer, Wm. H. ....	Bear Grove.	336	Lemmon, A. D. ....	Guthrie Center.
2905	Ayers, H. E. ....	Yale.	367	Maulsby, Ellis P. ....	Casey.
2324	Dosh, Ed. ....	Guthrie Center.	604	McCullough, M. J. ....	Menlo.
2335	Densmore, David T. ....	Jamaica.	3207	Macchesney, W. T. ....	Bagley.
3215	Eaton, F. N. ....	Casey.	373	North, Henry. ....	Casey.
3166	Funk, Samuel G. ....	Panora.	2291	Olive, Edwin A. ....	Payard.
1574	Given, Oliver E. ....	Stuart.	1439	Pentecost, Levi J. ....	Panora.
1086	Hayden, O. B. ....	Panora.	2924	Rogan, Wm. H. ....	Bayard.
1731	Herriott, John. ....	Stuart.	3133	Reynolds, M. M. ....	Panora.
2058	Hyzer, Wm. W. ....	Guthrie Center.	1783	Treat, Jos. A. ....	Stuart.
2446	Hawley, Wm. A. ....	Menlo.	2448	White, Ira. ....	Jamaica.
3169	Hopkins, Cary. ....	Guthrie Center.	2573	Young, Wm. M. ....	Bayard.
3233	Lakin, A. M. ....	Yale.			

## LIST OF REGISTERED PHARMACISTS—CONTINUED.

## HAMILTON COUNTY.

No. of certificate.	NAME.	TOWN.	No. of certificate.	NAME.	TOWN.
2479	Arthur, Chas. H. ....	Webster City.	1909	Peterson, C. Peter ....	Strafford.
1860	Detlor, Bayard. ....	Webster City.	3172	Rodecarmel, R. H. ....	Jewell.
2014	Fiddler, J. D. ....	Williams.	2591	Smallpage, Richard M. ....	Webster City.
2724	Gerber, Louis N. ....	Williams.	1361	Teed, Geo. W. ....	Webster City.
1392	Miller, A. H. ....	Webster City.	2916	Thomas, L. M. ....	Ellsworth.
3361	Medbery, J. N. ....	Webster City.			

## HARDIN COUNTY.

3330	Bradbury, Chas. A. ....	Whitten.	267	Kolis, Conrad A. ....	Ackley.
2135	Corfe, Frederick. ....	Union.	2264	Kessler, Fred C. ....	Ackley.
3041	Cook, C. J. ....	New Providence.	1404	Martin, Z. L. ....	Hubbard.
2784	David, J. W. ....	Alden.	266	Potter, Isaac L. ....	Ackley.
3082	DeMarsha, Frank E. ....	Radcliff.	3335	Porter, Geo. H. ....	Eldora.
3318	Damman, F. J. ....	Eldora.	449	Sheffield, Richard H. ....	Gifford.
1816	Finster, Henry J. ....	Steamboat Rock.	2070	Swartz, John L. ....	Iowa Falls.
1360	Giles, Daniel R. ....	Union.	2390	Sherman, Emery. ....	Alden.
561	Hammond, John H. ....	Eldora.	1196	Winchester, S. G. ....	Eldora.
664	Hoag, J. L. ....	Iowa Falls.	3092	Winchester, E. E. ....	Eldora.
3220	Hibner, Geo. M. ....	Iowa Falls.			

## HANCOCK COUNTY.

618	Finch, William. ....	Garner.	2415	Heskett, F. P. ....	Corwith.
619	Finch, T. F. ....	Garner.	504	Smith, Horace W. ....	Garner.
2512	Groom, Wm. S. ....	Britt.	135	Wallace, T. B. ....	Garner.

## HARRISON COUNTY.

2605	Adair, Chas. E. ....	Logan.	2409	Knowles, J. ....	Logan.
198	Bowie, James. ....	River Sioux.	2409	McColm, C. B. ....	Persla.
2673	Burrett, C. E. ....	Dunlap.	2571	McFarlane, Thomas. ....	Moundamin.
2532	Browning, Wm. J. ....	Persla.	3127	McKav, B. A. ....	Missouri Valley.
2772	Cook, Geo. A. ....	Missouri Valley.	2356	Randall, Chas. T. ....	Dunlap.
2817	Clark, S. W. ....	Magnolia.	3224	Reed, C. W. ....	Woodbine.
2970	Dean, Frank A. ....	Dunlap.	466	Satterlee, Dwight. ....	Dunlap.
2016	Hiddings, Wm. ....	Logan.	475	Satterlee, E. S. ....	Dunlap.
771	Hope, Geo. T. ....	Little Sioux.	652	Shiley, Geo. P. ....	Missouri Valley.
776	Lyon, William H. ....	Little Sioux.	2236	Sizer, L. G. ....	Dunlap.
2493	Huff, John W. ....	Missouri Valley.	32 5	Witt, J. L. ....	Logan.
2396	Hill, F. M. ....	Persla.			

## HENRY COUNTY.

833	Arnold, C. V. ....	Mt. Pleasant.	1238	Reeves, I. C. ....	Salem.
934	Frank, Perry. ....	New London.	2733	Robinson, Ed. H. ....	Mt. Pleasant.
1319	Hanna, John W. ....	Winfield.	127	Satterthwait, J. W. ....	Mt. Pleasant.
3165	Huston, Joseph E. ....	Winfield.	831	Snider, Chas. ....	Mt. Pleasant.
3292	Jericho, John H. ....	Mt. Pleasant.	836	Snider, Howard E. ....	Mt. Pleasant.
2637	Kimmel, B. G. ....	Winfield.	2442	Straub, Paul F. ....	Mt. Pleasant.
2968	Kenyon, W. C. ....	Mt. Union.	34	Tomlinson, Mahlon. ....	Salem.
832	Lyon, Samuel. ....	Mt. Pleasant.	827	Van Cise, Isaac F. ....	Mt. Pleasant.
1320	Lindley, Bayard B. ....	Winfield.	2720	Wolbel, Theo. ....	Mt. Pleasant.
837	Pyle, Samuel M. ....	New London.			



## LIST OF REGISTERED PHARMACISTS—CONTINUED.

## HOWARD COUNTY.

No. of certificate.	NAME.	ADDRESS.	No. of certificate.	NAME.	ADDRESS.
3035	Anderson, A. P.	Elma.	2414	Godding, Carl	Lime Springs.
1492	Brown, Wm. C.	Elma.	1954	Lowry, J. J.	Cresco.
2540	Babeock, F. J.	Bustl.	487	Price, H. C.	Cresco.
1491	Clemmer, J. J.	Cresco.	2357	Van Leuven, Jr., G. M.	Lime Springs.
2449	Connolly, Wm.	Cresco.	2932	Wachtel, Leo	Elma.

## HUMBOLDT COUNTY.

3191	Doan, H. C.	Humboldt.	3136	Hubbard, H. C.	Humboldt.
2065	Frank, E. S.	Livermore.	2959	McFarland, A. W.	Dakota City.
2690	Field, G. W.	Thor.	645	Nickson, E. D.	Humboldt.

## IDA COUNTY.

3303	Bronson, Eugene C.	Battle Creek.	2814	Simons, A. C.	Ida Grove.
3054	Farnsworth, D. W.	Galva.	3014	Somers, J. W.	Ida Grove.
1653	Graeser, B.	Battle Creek.	3369	Simons, W. E.	Ida Grove.
3225	Jepson, Ed. M.	Holstein.	3262	Walker, John T.	Holstein.
3277	Karterman, M. R.	Ida Grove.			

## IOWA COUNTY.

2632	Alverson, E. C.	Marengo.	1201	Jones, Joseph.	Williamsburgh.
2441	Bosley, Jas. E.	Ladora.	922	Moerschel, Wm.	Amana.
2669	Coxe, John R.	Parnell.	1277	McDermid, Sr., D.	Victor.
500	Eddy, Wm. M.	Marengo.	2273	Nicol, Ira I.	North English.
1818	Erwin, J. W.	North English.	1698	Stevens, Geo. L.	Marengo.
1681	Fletcher, W. G.	Williamsburgh.	1797	Schadt, Conrad.	Amana.
170	Goldthwaite, F. O.	Marengo.	2694	Shuell, T. J.	Parnell.
888	Hatter, John V.	Millersburg.	2998	Swearingen, A. W.	Williamsburgh.
3313	Haas, Fred	Marengo.	1279	Toovey, Wm.	Victor.
3287	Ingraham, M.	Victor.	2840	Vance, C. E.	Marengo.
3319	Hall, Lucian W.	Marengo.			

## JACKSON COUNTY.

2189	Beldon, M. J.	Canton.	2532	Loose, D. N.	Maquoketa.
205	Dierkes, Chas.	Bellevue.	578	Morden, W. C.	Fulton.
1234	Eldridge, Chas. G.	Sabula.	905	Martin, G. S.	Maquoketa.
503	Gotshall, Geo. A.	Miles.	2499	Maynard, W. H.	Maquoketa.
1235	Guenther, Jacob H.	Sabula.	2553	McCormick, F. M.	Baldwin.
1067	Hicks, Harry V.	Preston.	2556	Nitzsche, J. C.	Maquoketa.
299	Henry, P. C.	Bellevue.	861	Orcutt, Geo. B.	Maquoketa.
1773	Hubbard, L. W.	Monmouth.	206	Rolling, John	Bellevue.
2978	Isbell, G. A.	Maquoketa.	298	Wynkoop, B. B.	Bellevue.
2874	Johnson, Wm. S.	Bellevue.	3342	Wirth, Cyrillus	Bellevue.
2800	Jenkins, Hugh	Preston.			

## LIST OF REGISTERED PHARMACISTS—CONTINUED.

## JASPEB COUNTY.

No. of certificate.	NAME.	ADDRESS.	No. of certificate.	NAME.	ADDRESS.
2432	Burnett, Milo T.	Baxter.	3120	Loar, D. W.	Monroe.
3111	Beithaupt, J. B.	Newton.	932	Parmenter, R. F.	Newton.
696	Cummings, Ira.	Mingo.	1055	Porter, James N.	Prairie City.
2630	Colner, W. E.	Newton.	1182	Quire, James C.	Lynnville.
47	Deakin, H. C.	Vandalia.	1153	Quire, Chas. E.	Lynnville.
747	Dryden, Wm. W.	Lynnville.	2380	Ryan, J. R.	Colfax.
1487	Dalrymple, A. L.	Monroe.	330	Scribner, Wm. H.	Newton.
2245	Dixon, Cyrus B.	Lynnville.	931	Stiff, Harvey J.	Newton.
2287	Dilley, C. F.	Colfax.	975	Smith, John R.	Kellogg.
1932	Fellows, Henry	Colfax.	2687	Shrader, J. A.	Monroe.
3310	Freeman, J. H.	Prairie City.	2867	Stoll, S. F.	Prairie City.
3049	Graham, C. C.	Baxter.	2656	Turner, L. C. S.	Colfax.
1897	Jones, G. W.	Valeria.	2991	Wagley, O. N.	Newton.
929	Kilisel, H. L.	Newton.			

## JEFFERSON COUNTY.

576	Bradshaw, A. C. D.	Fairfield.	1390	Jones, Cornelius.	Fairfield.
587	Clark, G. D.	Fairfield.	1053	Mealey, David H.	Pleasant Plain.
2632	Davis, Ezra	Abingdon.	2912	Roberts, Mahlon	Pleasant Plain.
308	Hill, T. W.	Batavia.	3320	Starr, Jno. W.	Fairfield.
579	Hufford, E. H.	Fairfield.	1703	Thoma, Louis.	Fairfield.
586	Higley, D. G.	Fairfield.	752	Warner, Ichabod.	Libertyville.
1388	Jones, Albert C.	Fairfield.			

## JOHNSON COUNTY.

215	Boerner, H. W.	Iowa City.	2757	Louis, Henry	Iowa City.
3162	Boerner, Edwin A.	Iowa City.	3099	Lee, J. Allison	Lone Tree.
3276	Boerner, Emil L.	Iowa City.	1506	Moon, Milton J.	Iowa City.
1023	Doty, Elmer A.	Oxford.	1507	Moon, Alton R.	Iowa City.
1263	Davis, M. W.	Iowa City.	1527	Morrison, Wm. A.	Iowa City.
3024	Dennison, John C.	Iowa City.	2235	McDermid, Jr., D.	Iowa City.
2880	Glaze, J. Thomas.	Solon.	1906	Robinson, Hiram A.	Oxford.
1444	Heinsins, Chas.	Solon.	721	Shrader, W. E.	Iowa City.
2514	Heinsins, Otto	Solon.	1503	Whetstone, John H.	Iowa City.
3030	Houser, J. F.	Iowa City.			

## JONES COUNTY.

124	Battles, Rhoda M.	Onslow.	1977	Moore, G. R.	Oxford Junction.
125	Battles, James W.	Onslow.	844	Putman, Rufus A.	Monticello.
841	Bacher, John H.	Monticello.	8279	Port, Frank W.	Ohio.
1834	Babeock, E. M.	Wyoming.	1617	Rummel, David E.	Ohio.
3202	Grimwood, E. A.	Oxford Junction.	775	Skinner, Wm. B.	Anamosa.
138	Henak, Anthony T.	Oxford Junction.	276	Skinner, W. M.	Anamosa.
2935	Hallett, Will F.	Wyoming.	278	Skinner, Mary A.	Anamosa.
3173	Howard, C. K.	Anamosa.	2457	Sigworth, M. P.	Anamosa.
837	Isbell, Zuri G.	Oxford Junction.	842	Thompson, E. M.	Monticello.
843	Kemp, Albert	Monticello.	1942	Tiarks, Herman	Monticello.
176	McGuire John G.	Anamosa.			



## LIST OF REGISTERED PHARMACISTS—CONTINUED.

## KEOKUK COUNTY.

No. of certificate.	NAME.	ADDRESS.	No. of certificate.	NAME.	ADDRESS.
2271	Auld, J. M.	Keota.	509	Laffer, Emanuel	Sigourney.
1830	Baughman, Oliver F.	Kinross.	3170	McKinnis, C.	Ollie.
2019	Battorf, Isaac W.	Marlousburg.	196	McBride, Israil.	Webster.
27	Coffman, H. C.	South English.	699	McFarlane, Daniel	Keota.
28	Coffman, W. T.	South English.	2517	Mitchell, Andrew F.	Sigourney.
3112	Cameron, I. F.	Keswick.	888	Norcross, Daniel L.	Keota.
2262	Davis, J. D.	Nassau.	2818	Newell, Sharon C.	Hedrick.
657	Eaton, J. E.	Keota.	2298	Payne, Annie E.	Richland.
1789	Ewing, L. W.	Springfield.	3124	Platt, W. D.	What Cheer.
2469	Engeldinger, Peter	Hedrick.	2314	Quinn, Edward	What Cheer.
3183	Ellis, John W.	Sigourney.	2545	Robinson, J. Iheron.	Marlousburg.
1173	Ford, Samuel	Talleyrand.	2592	Richardson, J. F.	Harper.
1424	Franken, B.	Sigourney.	1700	Smith, C. F.	Kinross.
2834	Forsythe, Robert	What Cheer.	2127	Schriever, Wm	Richland.
3043	Franken, Edwin	Sigourney.	3274	Shaul, Albert J.	Keswick.
120	Griffith, J. A.	What Cheer.	3288	Thomas, J. O.	Harper.
57	Himrod, Mrs. D. M.	What Cheer.	977	Vitte-toe, Hiram C.	What Cheer.
505	Haldeman, Newton	Thornburg.	3285	Whaley, Samuel E.	What Cheer.
2215	Hamilton, C. M.	Thornburg.			

## KOSSUTH COUNTY.

2224	Butts, F. M.	Wesley.	1483	Garfield, Leonard K.	Algona.
3246	Hierryman, A. J.	Bancroft.	2797	Lacy, George	Luverne.
936	Durant, A. H.	Algona.	2178	Morse, W. E. H.	Bancroft.
859	Durant, H.	Algona.	1479	Pride, J. M.	Whitemore.
3321	Dingley, Frank W.	Algona.	251	Read, S. G. A.	Algona.
262	Eorbush, B. G.	Algona.	240	Sheets, L. A.	Algona.

## LEE COUNTY.

121	Artz, David	Donnellson.	122	Peters, C. W.	Ft. Madison.
1667	Axt, Julius H.	Keokuk.	2399	Parvin, F. O.	Ft. Madison.
428	Blackinton, Wm. N.	Denmark.	118	Reisener, F. O.	West Point.
2173	Camp, Ed R.	Keokuk.	119	Reisener, Mrs. Mary.	West Point.
2889	Drew, Francis Webb.	Keokuk.	1723	Roos, Julius G.	Keokuk.
142	Fuller, Chas. M.	Keokuk.	2701	Richard, Francis	West Point.
143	Fuller, E. E.	Keokuk.	2951	Ramsey, J. N.	Keokuk.
2683	Graves, Geo. B.	West Point.	736	Stempel, Arthur H.	Ft. Madison.
1724	Heiser, Rudolph	Keokuk.	1547	Salmon, Joseph F.	Ft. Madison.
1576	Ingalls, Joseph E.	Denmark.	1548	Salmon, Theodore	Ft. Madison.
649	Kerr, David A.	Keokuk.	1940	Schafer, Geo. H.	Ft. Madison.
691	Kiedusch, J. Fred	Keokuk.	2638	Surry, W. W.	Ft. Madison.
1805	Kruskopf, Ernst.	Keokuk.	1851	Thomas, Camp	Ft. Madison.
3088	Kiedaich, John Fred.	Keokuk.	689	Wilkinson, A. J.	Keokuk.
953	McGraith, Thomas J.	Keokuk.	686	Ward, Thomas	Montrose.
2856	Oehlertree, Victor B.	Keokuk.			

## LUCAS COUNTY.

917	Dunn, John W.	Derby.	1119	Storie, D. Q.	Chariton.
1952	Dosh, G. W.	Lucas.	2434	Stover, Noah W.	Lucas.
2433	De Witt, C. H.	Lucas.	2713	Stover, Emory E.	Lucas.
1087	Elliott, Oscar A.	Russell.	2843	Stanton, John H.	Chariton.
346	Gibbon, W. H.	Chariton.	2329	Throckmorton, T. M.	Derby.
2333	Kirk, Chas. R.	Chariton.	1520	Waynick, Hannah J.	Chariton.
2901	Lawrence, Harry	Lucas.	2244	Waynick, W. W.	Chariton.
1084	Sprague, J. F.	Russell.			

## LIST OF REGISTERED PHARMACISTS—CONTINUED.

## LYON COUNTY.

No. of certificate.	NAME.	ADDRESS.	No. of certificate.	NAME.	ADDRESS.
2306	Horton, Frank A.	Rock Rapids.	2379	Wyckoff, Will C.	Rock Rapids.

## LINN COUNTY.

2500	Adams, Uhas. R.	Cedar Rapids.	3663	Jiroushek, Frank.	Cedar Rapids.
2381	Alexander, F. R.	Marion.	3204	Johnson, A. H.	Cedar Rapids.
317	Billau, J. Louis	Cedar Rapids.	754	Kethering, Solomon	Lisbon.
791	Beech, Thomas C.	Cedar Rapids.	2393	Keys, J. N.	Walker.
794	Benesk, Vaclav	Cedar Rapids.	3216	Kirk, A. M.	Cedar Rapids.
1251	Beach, Edward N.	Troy Mills.	940	Lillis, L. M.	Marion.
2947	Ballhelm, Chas. H.	Cedar Rapids.	82	McCandless, A. B.	Cedar Rapids.
3020	Burd, Edwin	Lisbon.	1443	McCandless, C. R.	Cedar Rapids.
3067	Beas, J. E.	Cedar Rapids.	2365	Myers, Jos. V.	Mt. Vernon.
10	Calo, John G.	P.O.	2717	Matear, Jno. D.	Cedar Rapids.
2192	Carson, Jno. W.	Mt. Vernon.	3269	Moorhead, James.	Cedar Rapids.
2351	Coquillette, W. E.	Nugent's Grove.	3027	Owen, C. N.	Marion.
2622	Cunningham, Albert S.	Nugent's Grove.	2384	Parker, Legander T.	Cedar Rapids.
3084	Calvin, A. W.	Marion.	3113	Piercy, A. T.	Central City.
333	Dusill, A. J.	Cedar Rapids.	1869	Reed, A. L.	Cedar Rapids.
340	Dunbar, Geo. B.	Center Point.	923	Stevens, Delas D.	La Fayette.
2709	Doran, J.	Mt. Vernon.	1855	Sommerbeck, R.	Cedar Rapids.
3011	Dickey, E. L.	Cedar Rapids.	3159	Svacha, Frank	Ely.
2330	Ellis, Geo. F.	Cedar Rapids.	3205	Severa, W. F.	Cedar Rapids.
175	Fox, Jacob G.	Waukeek.	3240	Schminke, F. C. H.	Marion.
1768	French, Chas. H.	Cedar Rapids.	1166	Tathwell, Edwin E.	Springville.
3449	Fullerton, Geo. E.	Marion.	411	Wilson, L. L.	Center Point.
705	Hanna, Geo. C.	Cedar Rapids.	412	Wilson, G. L.	Center Point.
1196	Hopper, Byron M.	Springville.	811	Weller, Wm. L.	Cedar Rapids.
1197	Hopper, Mary S.	Springville.	1777	Wright, Geo. J.	Waukeek.
2055	Haves, J. W.	Cedar Rapids.	2615	Woods, Frank A.	Cedar Rapids.
2985	Holden, Geo. H.	Cedar Rapids.	2647	Ward, Perry	Walker.
7115	Isbell, Geo. A.	Central City.			

## LOUISA COUNTY.

2128	Cochran, M. H.	Morning Sun.	2776	Lamberson, W. B.	Columbus June.
446	Darrow, Wm. H.	Columbus June.	116	Ong, F. M.	Wapello.
1950	Gardner, Chas.	Columbus June.	1968	Pitt, H. A.	Wapello.
1949	Hall, W. F.	Columbus June.	3300	Thompson, Jno. A.	Lertis.
1446	Howey, F. M.	Wapello.	196	Walker, Emily R.	Grandview.
1447	Howey, Harris	Wapello.	2705	Walk, H. M.	Columbus June.
115	Kellz, Geo. R.	Wapello.			

## MADISON COUNTY.

3325	Catterlin, S. E.	Winterset.	3314	Null, Harry O.	Winterset.
2870	Elliott, E. G.	Earlham.	897	Sawyers, David A.	Macksburg.
1783	Hinchaw, John	Winterset.	3151	Slater, Willis O.	Macksburg.
2712	Hutchinson, David	Winterset.	498	Trueblood, John	Earlham.
2202	Kelley, J. B.	St. Charles.	32-3	Wray, J. H.	Winterset.
1284	Hervey, Chas. B.	Winterset.			



## LIST OF REGISTERED PHARMACISTS—CONTINUED.

## MARION COUNTY.

No. of certificate.	NAME.	ADDRESS.	No. of certificate.	NAME.	ADDRESS.
439	Auld, James H.	Knoxville.	1973	Keables, H. S.	Pella.
1417	Brinkhoff, F. W.	Pella.	1051	Litchfield, A. N.	Pleasantville.
3074	Berringer, Will J.	Pleasantville.	2080	Merritt, W. H.	Pleasantville.
492	Cole, T. R.	Marysville.	1398	Scoles, Hamilton J.	Knoxville.
1489	Cole, D. L.	Russey.	2708	Todd, C. E.	Atlica.
2122	Elliott, W. V.	Knoxville.	1061	Van-de-Ven, H. J.	Pella.
1063	Forsythe, Wm. D.	Pella.	1062	Van-de-Ven, H.	Pella.
145	Huckleberry, C. F.	Tracy.	675	Woodruff, M. W.	Knoxville.
2424	Hinton, G. A.	Swan.	2746	Wright, Lafayette D.	Knoxville.
2011	James, Wm. T.	Swan.	805	Young, Wm. B.	Knoxville.
543	Kirkwood, T. J.	Osley.	1567	Young, James G.	Knoxville.
544	Kirkwood, J. W.	Osley.	2982	Yocum, Albert L.	Newbern.
1170	Keables, Benj. F.	Pella.	3295	Young, O. P.	Knoxville.
1171	Keables, J. B.	Pella.			

## MAHASKA COUNTY.

315	Beardsley, Wm.	Beacon.	2744	Hugg, A. A.	Oskaloosa.
1041	Beechler, Jno. C.	Oskaloosa.	3176	Johnson, Alfred	Given.
1042	Beechler, Geo. N.	Oskaloosa.	1036	Morgan, J. W.	Oskaloosa.
1582	Byram, M. W.	Fremont.	2911	Miller, Harry S.	Oskaloosa.
1856	Bentley, N. J.	Oskaloosa.	2961	Miller, Severin	New Sharon.
3230	Beaudry, E. B.	Rose Hill.	3024	Mowry, Edwin J.	Oskaloosa.
935	Carson, Geo.	New Sharon.	2761	Nugent, E. D.	Oskaloosa.
877	Field, E. L.	Leighton.	3021	Nugent, H. D.	Oskaloosa.
621	Gruwell, Chas. B.	Oskaloosa.	2940	Pike, Chas. C.	Oskaloosa.
1154	Greenway, Noah	Muchakinoek.	2988	Shrader, Chas. C.	Oskaloosa.
2450	Ireen, Fred E.	Oskaloosa.	3296	Smits, Henry	Oskaloosa.
2540	Henderson, Jos. S.	Muchakinoek.	2407	Wilson, Jesse G.	Barnes City.
3181	Hull, F. S.	Oskaloosa.	1039	Wells, Will A.	Oskaloosa.

## MARSHALL COUNTY.

3048	Ayer, Chas. F.	Marshalltown.	2611	Mayer, Peter	Marshalltown.
821	Bibbins, M. W.	Marshalltown.	2826	Masterson, J. B.	Albion.
1181	Brimhall, Samuel M.	State Center.	2885	Morgan, Benning A.	Marshalltown.
1182	Brimhall, Chas. W.	State Center.	1161	Powers, Geo. P.	Marshalltown.
1232	Bishop, Ed. W.	State Center.	2435	Plumb, Weston T.	Van Cleve.
2553	Bvns, J. A.	Marshalltown.	3010	Parker, H. W.	Marshalltown.
3079	Batterson, J. S.	Marshalltown.	3086	Reitermag, Chas.	Le Grand.
2847	Davis, Will A.	Ferguson.	2617	Sieg, Henry C.	Liscomb.
3539	Evenson, Chas. H.	Marshalltown.	2225	Upson, Rosa K.	Marshalltown.
1925	Frost, C. E.	Rhodes.	966	Van De Voort, J. H.	Gilman.
830	Gifford, H. W.	Marshalltown.	967	Van De Voort, S. H. B.	Gilman.
2066	Hume, James H.	Laurel.	606	Ward, Joseph A.	Gilman.
822	Kelley, Wilbur H.	Marshalltown.	607	Ward, Wm. J.	Gilman.
2931	Kinsey, Carroll B.	Marshalltown.	2886	Wiley, C. R.	Marshalltown.
1158	Lander, Chas. J.	Marshalltown.	3326	Wheeler, F. E.	Marshalltown.
1409	McBride, Wm. S.	Marshalltown.			

## LIST OF REGISTERED PHARMACISTS—CONTINUED.

## MILLS COUNTY.

No. of certificate.	NAME.	ADDRESS.	No. of certificate.	NAME.	ADDRESS.
3126	Biddinger, J. W.	Hastings.	605	McCluskey, M. H.	Glenwood.
338	Flammant, Michael	Mineola.	901	Munger, Jas. F.	Malvern.
533	Gwathmey, G. O.	Glenwood.	1214	Moore, W. G.	Silver City.
990	Goodwin, Chas. F.	Malvern.	501	Snyder, O. H.	Malvern.
2715	Howe, A. J.	Glenwood.	554	Shipman, R. M.	Emerson.
1093	Irwin, Chas. E.	Henderson.	626	Way, James R.	Hillsdale.
147	Moore, John B.	Emerson.			

## MITCHELL COUNTY.

218	Blackman, W. W.	West Mitchell.	1426	Helfritz, R.	St. Ansgar.
2425	Cutler, Morris L.	Riceville.	1027	Lezott, Chas. H.	Osage.
1030	Dally, J. F.	Osage.	942	Phillips, G. F.	Riceville.
1029	Evans, W. L.	Osage.	26	Schen, Charles	Stacyville.
3022	Fellows, Harris.	Riceville.	219	Schancks, F. B.	West Mitchell.
3223	Goodall, Parr.	Osage.	3044	Sampson, Frank W.	Osage.

## MONONA COUNTY.

2311	Cox, J. W.	Mapleton.	33	Rust, David	Whiting.
883	Griffin, Francis	Mapleton.	885	Rice, John D.	Mapleton.
2073	Jennings, Jr., Joseph	Onawa.	3256	Roberts, F. J.	Ute.
581	Lockwood, John D.	Mapleton.	2427	St. John, L. E.	Blencoe.
2836	Mann, A. V.	Onawa.	2698	Yockey, Clement C.	Castana.
3154	Putzler, Henry J.	Mapleton.			

## MONROE COUNTY.

776	Bissell, Chas. E.	Lovilia.	279	Morrison, Ella A.	Albia.
777	Bissell, Virgil R.	Lovilia.	128	Newell, W. M.	Melrose.
3104	Bartram, E. T.	Albia.	971	O'Connor, J. C.	Melrose.
184	Cousins, W. B.	Albia.	751	Parsons, Gilmore H.	Lovilia.
185	Cousins, Mrs. A. M.	Albia.	985	Ramsay, Alfred A.	Albia.
278	Morrison, J. C.	Albia.			

## MODTOMERY COUNTY.

304	Boyer, Francis H.	Red Oak.	1094	Lewis, A. J.	Red Oak.
91	Clure, Joseph	Elliot.	2284	Marshall, A. J.	Elliot.
2239	Gary, Geo. T.	Grant.	3290	Morgan, Fred E.	Villisca.
1092	Duke, Chas. D.	Red Oak.	2942	Platt, Geo. M.	Red Oak.
303	Hinchman, A. O.	Red Oak.	3060	Platt, Geo. L.	Red Oak.
2342	Hine, Chas. W.	Stanton.	1007	Ross, Lon F.	Red Oak.
3523	Knecht, Allen A.	Red Oak.	1000	Sorague, Parly B.	Red Oak.
357	Lull, Albert M.	Coburn.	1605	Stank, Henry C.	Red Oak.
3316	Lynch, L. J.	Villisca.	1586	Smith, Frank H.	Villisca.

## MUSCATINE COUNTY.

1291	Agnew, David A.	Wilton Junction.	2868	Kitchmann, J. Theo.	Muscataine.
290	Agnew, A. L.	Wilton Junction.	2074	Lane, Lewis L.	Muscataine.
3098	Batley, Wm. E.	Muscataine.	1841	Marolf, J. F.	Wilton.
3116	Busch, Wm. C. A.	Muscataine.	50	Nesper, Fred T.	Muscataine.
874	Canon, J. H.	Muscataine.	819	Norman, Chas.	Muscataine.
1450	Cooling, Albert A.	Wilton Junction.	1299	Pickering, Chas. E.	West Liberty.
868	Deutschman, August.	Muscataine.	2737	Pentzer, Jacob L.	Wilton.
1325	Daugherty, John B.	Muscataine.	1295	Ross, W. F.	Wilton Junction.
867	Geiss, Henry	Muscataine.	1296	Ross, Sr., Wm.	Wilton Junction.
2782	Hampton, R. B.	Atalissa.	1441	Riemcke, G. A.	Muscataine.
3110	Haverkamp, Jno. J.	Muscataine.	1904	Reppert, Ferdinand	Muscataine.
1800	Krehe, J. T.	Muscataine.	3343	Riddle, N. D.	Atalissa.
2777	King, E. H.	West Liberty.	1647	Zeisig, Chas. A.	Moscow.



## LIST OF REGISTERED PHARMACISTS—CONTINUED.

## OSCEOLA COUNTY.

No. of certificate.	NAME.	TOWN.	No. of certificate.	NAME.	TOWN.
2417	Huston, James T. ....	Sibley.	1226	Parker, Wm. L. ....	Sibley.
2916	Hamilton, R. G. ....	Orcheyedan.	3058	Stevens, W. B. ....	Sibley.
1210	Lawrence, W. R. ....	Sibley.	3294	Teal, Cornelius ....	Orcheyedan.
2060	Masters, Stephen H. ....	Ashton.			

## O'BRIEN COUNTY.

1208	Ayers, Warren L. ....	Sheldon.	2143	McElwain, R. H. ....	Pringhar.
2594	Bonham, Jno. C. ....	Sutherland.	2097	Price, L. J. ....	Sutherland.
2958	Ballard, C. E. ....	Paulina.	2658	Paul, Chas. S. ....	Paulina.
2326	Harmon, Frank H. ....	Paulina.	3257	Paul, B. F. ....	Paulina.
2941	Howard, Fletcher ....	Sheldon.	2094	Smith, Chas. ....	Sauborn.
2678	Long, J. M. ....	Pringhar.	2286	Schoel, August ....	Sauborn.
3056	Louthan, J. M. ....	Sutherland.	2388	Searies, Frank L. ....	Hartley.

## PAGE COUNTY.

323	Burrows, Jno. P. ....	Clarinda.	1706	Lundy, W. L. ....	Clarinda.
360	Bagnall, John J. ....	College Springs.	22 9	Lawrence, L. C. ....	Braddyville.
3237	Brockett, Frank L. ....	Coin.	1988	Meacham, J. E. ....	Clarinda.
3062	Conrad, Carl J. ....	Clarinda.	249	Nichols, Cornelius ....	Essex.
12 9	Duffield, H. F. ....	Shenandoah.	1	Parrott, Joseph D. ....	Blanchard.
3345	Ertleson, G. B. ....	Essex.	2588	Pruitt, Geo. A. ....	Barchard.
2461	Hite, Robert B. ....	Clarinda.	2385	Smith, Chas. E. ....	Shenandoah.
2585	Henderson, Wm. A. ....	Clarinda.	2456	Stevens, J. O. ....	Shenandoah.
3261	Hester, Lucy C. ....	Coin.	1241	Webster, Josiah C. ....	Shenandoah.
3046	Jay, George ....	Shenandoah.			

## PALO ALTO COUNTY.

2200	Anderson, Edwin ....	Ruthven.	2612	Leech, John W. ....	Emmettsburg.
2479	Bachman, E. W. ....	West Bend.	2406	Moffett, H. P. ....	Emmettsburg.
3071	Cuplin, Pascal F. ....	Emmettsburg.	1471	Oppermann, Henry ..	West Bend.
3060	Davies, J. C. ....	Emmettsburg.	2750	Stemets, John ....	Emmettsburg.
567	Henry, W. G. ....	Emmettsburg.	556	Wolfgang, A. J. ....	Emmettsburg.

## POCAHONTAS COUNTY.

1896	Bothwell, G. Wendell.	Fonda.	2908	England, L. E. ....	Gilmore City.
1670	Carroll, J. M. ....	Laurens.	2415	Patterson, M. F. ....	Fonda.
3138	Cure, George W. ....	Rolfe.			

## LIST OF REGISTERED PHARMACISTS—CONTINUED.

## POLK COUNTY.

No. of certificate.	NAME.	ADDRESS.	No. of certificate.	NAME.	ADDRESS.
1709	Arnold, Charles. ....	Des Moines.	2586	Morse, Robert O. ....	Des Moines.
2774	Anderson, Jer. A. ....	Sheldahl.	2915	McCammon, S. H. ....	Des Moines.
2736	Alexander, D. E. ....	Des Moines.	2957	McMichael, A. O. ....	Des Moines.
3214	Beldenkopf, Geo. M. ....	Des Moines.	3073	McKay, Frank F. ....	Des Moines.
473	Baker, Wm. ....	Des Moines.	3188	Norton, Chas. F. ....	Des Moines.
1125	Bush, L. H. ....	Des Moines.	420	Oder, Frederick. ....	Des Moines.
1724	Baker, Chas. W. ....	Des Moines.	3107	Olson, Monrad J. ....	Des Moines.
2051	Barnes, D. B. ....	Des Moines.	481	Parker, J. H. ....	Des Moines.
2511	Bauer, Wm. ....	Des Moines.	2327	Pickett, J. O. ....	Des Moines.
2845	Booth, S. K. ....	Des Moines.	86	Robinson, S. S. ....	Polk City.
1869	Chamberlain, Lowell.	Des Moines.	165	Rice, U. A. ....	Commerce.
2231	Cogswell, S. G. ....	Des Moines.	182	Rogr, Chas. W. ....	Des Moines.
2861	Crawford, W. F. ....	Des Moines.	427	Randolph, Jacob W. ....	Des Moines.
2860	Coe, Harry. ....	Des Moines.	9-2	Richard, D. H. ....	Mitchellville.
3334	Coates, Chas. ....	Des Moines.	2465	Reeder, A. T. ....	Des Moines.
3339	Commons, Robert L. ....	Mitchellville.	2846	Randolph, Frank. ....	Des Moines.
49	Deakin, J. W. ....	Des Moines.	3149	Smith, A. E. ....	Des Moines.
815	Eichelberger, Chas. S. ....	Des Moines.	2869	Stream, Curtis. ....	Des Moines.
2212	Folz, Geo. F. ....	Des Moines.	2948	Swafford, Harry E. ....	Des Moines.
3087	Fulton, A. H. ....	Des Moines.	2844	Schmidt, Louis. ....	Des Moines.
2272	Guliford, Will E. ....	Des Moines.	734	St-pherson, A. C. ....	Des Moines.
3331	Garrity, M. W. ....	Des Moines.	914	Scott, Walter G. ....	Des Moines.
431	Hippee, Warren ....	Des Moines.	1128	Schroeder, Fred. ....	Des Moines.
1130	Huegle, Harrison W. ....	Des Moines.	1129	Sandholm, Jno. A. ....	Des Moines.
1518	Hansen, H. C. ....	Des Moines.	1685	Somers, Webb. ....	Des Moines.
1687	Hartau, Chas. E. ....	Des Moines.	1712	Schnucker, D. R. ....	Des Moines.
1969	Harmon, Alfred. ....	Des Moines.	2015	Shaffer, Lewis O. ....	Altoona.
2242	Hammer, Alvin G. ....	Des Moines.	2341	Schermerhorn, E. L. ....	Des Moines.
2847	Hopkins, W. Bernard.	Des Moines.	2431	Shope, Edwin B. ....	Des Moines.
2308	Irgersoll, Reuben B. ....	Des Moines.	2748	Stewart, W. J. ....	Grimes.
407	Janes, Edward L. ....	Des Moines.	2124	Trotter, W. R. ....	Des Moines.
2307	Jones, Samuel C. ....	Des Moines.	2763	Thompson, A. O. ....	Des Moines.
3077	Jackson, J. Walter. ....	Des Moines.	2768	Tobey, E. F. ....	Des Moines.
1945	Kelleher, Thos. F. ....	Des Moines.	3023	Underwood, Poe. ....	Des Moines.
2547	Kearby, E. W. ....	Elkhart.	979	Ward, Chas. H. ....	Des Moines.
3144	Knoss, Lars Peter. ....	Des Moines.	940	Ward, Milo W. ....	Des Moines.
732	Lichty, Norman ....	Des Moines.	1938	Weaver, Chas. A. ....	Des Moines.
1236	Le Roy, Henry O. ....	Des Moines.	2104	Wood, W. W. ....	Des Moines.
1713	Loper, John G. ....	Des Moines.	2478	Warr, Jno. E. ....	Mitchellville.
2010	Loper, Jas. H. ....	Des Moines.	3168	Whitney, E. F. ....	Des Moines.
2012	Lewis, Chas. H. ....	Des Moines.	3184	Walker, M. K. ....	Des Moines.
2949	Lawrence, Ezra C. ....	University Place.	3228	Walker, John M. ....	Des Moines.
981	Miles, A. H. ....	Des Moines.	3254	Woodman, J. W. ....	Des Moines.
2561	McBride, Hugh E. ....	Des Moines.			

## PLYMOUTH COUNTY.

2649	Banks, E. H. ....	Kingsley.	3164	Haerling, Herman M. ....	Le Mars.
214	Carter, Geo. ....	Le Mars.	3298	Pfeiffer, H. Jacob. ....	Le Mars.
230	Diehl, Philip H. ....	Le Mars.	2346	Richey, M. W. ....	Le Mars.
1045	Farnham, Leroy H. ....	Akron.	2270	Strabridge, C. A. ....	Le Mars.
2098	Frazer, J. J. ....	Emmen.	2300	Thompson, Chas. H. ....	Le Mars.
2379	Hipple, J. W. ....	Kingsley.	3139	Vogt, W. J. ....	Le Mars.
3029	Hines, J. W. ....	Le Mars.	2666	Wilder, Jno. J. ....	Kingsley.



## LIST OF REGISTERED PHARMACISTS—CONTINUED.

## POTTAWATTAMIE COUNTY.

No. of certificate.	NAME.	ADDRESS.	No. of certificate.	NAME.	ADDRESS.
328	Atkins, J. B.	Council Bluffs.	349	Harle, H. D.	Council Bluffs.
3317	Anderson, Jno. J.	Council Bluffs.	357	Harvey, S. N.	Neola.
521	Beardsley, A. M.	Council Bluffs.	373	Houghton, Fred W.	Council Bluffs.
1535	Bence, Oswald M.	Walnut.	236	Johnson, S. M.	Carson.
1662	Baker, Edwin D.	Council Bluffs.	237	Johnson, Ella S.	Carson.
2382	Balkan, S. L.	Oakland.	1902	Keiley, S. H.	Council Bluffs.
3100	Baker, Orin H.	Walnut.	2633	Kearville, Wm.	Minden.
3132	Brown, Erasmus C.	Council Bluffs.	2822	Kinney, O. S.	Council Bluffs.
3163	Brown, Oscar H.	Council Bluffs.	2906	Lenocker, A. A.	Oakland.
3324	Beck, O. F.	Council Bluffs.	2148	Mitchell, A. J.	Walnut.
351	Cowles, Arthur W.	Council Bluffs.	2784	Moser, Louis.	Walnut.
2566	Conner, Arthur F.	Avoca.	2874	Morgan, Dell G.	Council Bluffs.
2740	Camp, Jno. W.	Council Bluffs.	3185	Maxwell, W. J.	Avoca.
1345	Cox, G. W.	Council Bluffs.	2466	Robertson, J. C.	Council Bluffs.
322	Deetken, Carl.	Council Bluffs.	15	Robbins, C. S.	Neola.
1658	DeHaven, J. C.	Council Bluffs.	2707	Royce, Chas. S.	Oakland.
2875	Ellis, M. F.	Council Bluffs.	1683	Stuart, James D.	Council Bluffs.
342	Foster, S. H.	Council Bluffs.	3125	Stempel, Guido L.	Macedonia.
343	Foster, A. D.	Council Bluffs.	3206	Shepard, Nathaniel.	Council Bluffs.
410	Grandy, Wm. H.	Council Bluffs.	2047	Van Ness, Isaac.	Neola.
2779	Gardner, W. W.	Avoca.	344	Young, Walter N.	Council Bluffs.
3130	Graft, W. H.	Carson.			

## POWESHIEK COUNTY.

872	Belding, Albert L.	Malcom.	2752	Pyle, Geo. H.	Malcom.
1627	Ballantyne, John C.	Brooklyn.	857	Roberts, James	Montezuma.
3081	Cope, W. L.	Grinnell.	2473	Robb, Fremont	Grinnell.
1621	Cary, William.	Deep River.	3342	Rainsburg, A. P.	Brooklyn.
878	Davis, Nathan E.	Malcom.	37	Sulder, H. K.	Grinnell.
1435	Guthrie, Stephen E.	Grinnell.	2211	Slater, David F.	Grinnell.
630	Johnson, Joseph G.	Grinnell.	2613	Shrader, Frank P.	Brooklyn.
1600	Mendenhall, Horace.	Montezuma.	2864	Smith, Calvin C.	Grinnell.
2920	Macy, Sherman R.	Montezuma.	2894	Sanders, J. C.	Deep River.
1504	Peck, Sernan.	Brooklyn.			

## RINGGOLD COUNTY.

3129	Asbury, T. P.	Tingey.	2155	King, Albert E.	Bedding.
707	Camp, Americus	Kellerton.	2149	Maxwell, J. P.	Wrt.
708	Camp, Marshall	Kellerton.	3084	Merrill, John T.	Mt. Ayr.
911	Horne, John	Mt. Ayr.	2197	Selby, R. W.	Tingey.

## SAC COUNTY.

2673	Arthur, W. C.	Odebolt.	1422	Knight, Frank B.	Sac City.
1016	Boardman, Chas. D.	Odebolt.	1423	Lamoureux, Robert H.	Sac City.
2811	Brown, Caleb	Sac City.	1014	Summerwill, Wm. J.	Odebolt.
3059	Basas, Leo F.	Odebolt.	1357	Sifford, Lewis J.	Wall Lake.
1897	De Meut, Geo. W.	Grant City.	2774	Sifford, Chas.	Wall Lake.
1356	Hopkins, C. M.	Wall Lake.	3282	Schmidt, Wm. F.	Odebolt.
2085	Hunt, A. B.	Early.	3187	Walrod, Mrs. Crilla S.	Fletcher.
3089	Hall, Lincoln	Schaller.			

## LIST OF REGISTERED PHARMACISTS—CONTINUED.

## SIOUX COUNTY.

No. of certificate.	NAME.	ADDRESS.	No. of certificate.	NAME.	ADDRESS.
2823	Brower, J. H.	Calliope.	3129	Leland, W. L.	Hawarden.
3155	Beckwith, J. C.	Ireton.	2578	McBride, C. M.	Rock Valley.
3066	Brink, Milber	Bovden.	2295	Owens, A. P.	Alton.
156	Coad, N. G. O.	Pattersonville.	3341	Plumbe, Ed. O.	Hull.
2922	De Kruff, F. J.	Orange City.	2370	Quigley, Will A.	Calliope.
2926	Ellis, G. V.	Hawarden.	2827	Stong, R. F.	Orange City.
1695	Harlan, Lawrence L.	Hawarden.	3315	Smith, Ferd. J.	Alton.
3339	Killeffer, J. F.	Hull.			

## SCOTT COUNTY.

9	Binford, Edmond	Dixon.	435	Koch, Francis J.	Davenport.
449	Ballard, Jno. W.	Davenport.	436	Kemmerer, Chas. T.	Eldridge Junction.
731	Busch, Theo. H.	Davenport.	440	Koch, Theo. Peter	Davenport.
1362	Byrnes, Thos.	Walcott.	448	Moss, Frank J.	Davenport.
1056	Culbertson, W. F.	Princeton.	535	Meisner, Amlius	Davenport.
1638	Clarke, Edwin A.	Davenport.	2247	Pape, Herman G.	Davenport.
2166	Datrah, J. E.	Princeton.	965	Richards, Clarke L.	Davenport.
2906	Driscoll, Jeremiah E.	Davenport.	1885	Riepe, A. C. H. E.	Davenport.
443	Emsie, Hugo A.	Davenport.	447	Schlegel, Gustav	Davenport.
469	Harrison, Jacob H.	Davenport.	459	Stevenson, J. E.	Davenport.
470	Harrison, Chas. E.	Davenport.	2897	Schlegel, Carl.	Davenport.
2903	Hyde, W. P.	Le Claire.	710	Wright, Orson E.	Big Rock.
2735	Jappe, Christian F.	Davenport.	2674	Wells, Geo. R.	Buffalo.

## SHELBY COUNTY.

649	Axline, Wm. A.	Harlan.	2767	Flusche, Chas.	Westphalia.
635	Babcock, N. W.	Harlan.	3121	Goss, Joseph S.	Harlan.
2106	Burr, Theo. B.	Harlan.	2422	Harmon, James A.	Irwin.
2618	Boyd, Jno. R.	Defiance.	3040	Overholt, Frank W.	Harlan.
2654	Branson, W. S.	Irwin.	2675	Pexton, J. F.	Harlan.
2619	Campbell, H. A.	Shelby.	2302	Swennings, Frank J.	Panama.
634	Frost, Lewis D.	Harlan.	2743	Smiley, Jonathan	Shelby.
1216	Fagan, Horace M.	Shelby.	2294	Topping, C. A.	Defiance.
1696	Fritz, Menzo	Harlan.	2563	Weaver, Wm. C.	Shelby.

## TAYLOR COUNTY.

8	Rahson, James E.	Morr-ontown.	2664	Paschal, C. M.	New Market.
2308	Bibbins, A. L.	Bedford.	1876	Rhoads, Harrison B.	Bedford.
2834	Bennett, Theo. W.	Lenox.	2387	Rockwell, Robert B.	Bedford.
1181	Childs, Horace A.	Lenox.	2297	Singer, Lewis U.	Clearfield.
2325	Dunlavy, H. F.	Bedford.	2865	Smith, D. W. C.	Conway.
341	Fordyce, H. O.	Conway.	3208	Shiley, D. A.	Bedford.
1864	Golliday, A. M.	Bedford.	1835	Scruggs, J. P.	Lenox.
2292	Jeffrey, W. P.	New Market.	2563	Tyler, Oscar D.	Lenox.
3318	McColm, J. T.	Gravity.	2222	Waight, Wm. F.	Clearfield.

## UNION COUNTY.

1497	Aldrich, Edwin A.	Creston.	2704	Hultzscher, O. Von	Creston.
324	Bailey, A. S.	Cromwell.	3338	Henry, Arthur B.	Creston.
2723	Bagley, James W.	Creston.	1708	Kees, John	Creston.
2830	Beche, J. T.	Afton.	3244	Myers, M. C.	Creston.
244	Cherry, J. W.	Afton.	732	Norton, H. M.	Kent.
2194	Christy, W. D.	Afton.	2973	Rawles, J. A.	Creston.
3153	Foster, Horatio O.	Creston.	1344	Ripley, Loudon	Creston.
729	Grantham, Thos.	Creston.			



## LIST OF REGISTERED PHARMACISTS—CONTINUED.

## VAN BUREN COUNTY.

No. of certificate.	NAME.	TOWN.	No. of certificate.	NAME.	TOWN.
187	Bowmer, John E.	Mt. Sterling.	2018	Pergrin, Isaac D.	Bentonport.
190	Blackmer, Benj. P.	Bonaparte.	310	Ragdale, J. S.	Birmingham.
2075	Baker, W. S.	Farmington.	2876	Rice, John A.	Milton.
13	Cross, John T.	Farmington.	680	Trickling, Joseph C.	Keosauqua.
686	Craig, Wm.	Keosauqua.	859	Summers, L. F.	Milton.
1369	Coolidge, Henry L.	Bonaparte.	1821	Strong, Jacob.	Kilburn.
1604	Graves, G. R.	Milton.	2116	Tutsmann, D. W.	Bonaparte.
1734	Keras, J. T. W.	Jantril.	314	Torrence, F. G.	Birmingham.
702	Morton, John N.	Keosauqua.	574	Therme, J. L.	Farmington.
763	McBeth, Wm.	Keosauqua.			

## STORY COUNTY.

1995	Allen, B. F.	Story City.	2220	Hetiesaeter, Reinert.	Sheldahl.
2544	Apin, Arthur S.	Cambridge.	2549	Hostetter, John I.	Colo.
3270	Apila, Wm. H.	Cambridge.	2562	Hansen, James B.	Collins.
952	Briggs, Samuel E.	Nevada.	2372	Jones, Thomas B.	Roland.
1757	Brown, James M.	Cambridge.	2161	Lax, Frederick C.	Colo.
2881	Bosworth, L. M.	Ames.	2458	Land, Amas A.	Slater.
3177	Benedict, George.	Maxwell.	871	Lewis, Roland.	Nevada.
2792	Campbell, Chas. E.	Collins.	2756	Pickett, John H.	Ames.
3280	Cary, C. A.	Ames.	3193	Phillips, Isaac S.	Ames.
1463	Gandrup, W. D.	Story City.	3005	Scott, E. W.	Ames.
2979	Grafton, W. H.	Cambridge.	3297	Thompson, R. K.	Nevada.

## TAMA COUNTY.

2029	Allen, M. L.	Garwin.	2191	Nauerth, J. H.	Traer.
3093	Armstrong, T. K.	Toledo.	1118	Ormiston, J. S.	Chelsa.
1259	Bonney, Oliver D.	Traer.	3180	Putman, James M.	Cladbrook.
2263	Brush, George W.	Tama City.	1117	Roach, Fred.	Chelsa.
2371	Berryman, A. W.	Montour.	907	Stevens, John H.	Montour.
1253	Coffin, Ruben M.	Tama City.	1249	Tiger, Stephen.	Toledo.
2801	Douglass, E. F.	Dysart.	1252	Soleman, Henry.	Tama City.
482	Haney, Oliver M.	Dysart.	2839	Stouffer, Geo. M.	Cladbrook.
2256	Hinsdale, Frank L.	Toledo.	3217	Springer, Geo. L.	Garwin.
3006	Hinsdale, M. H.	Toledo.	1246	Springer, N. T.	Toledo.
3029	Life, Henry.	Traer.	225	Welton, Hiram.	Rutleville.
181	Marsh, Leonard.	Irving.	1262	Woolley, Erastus.	Traer.
483	Maurid, Romanus.	Dysart.	2986	Wiley, Frank B.	Tama City.

## WAPELLO COUNTY.

2567	Bilby, A. M.	Eldon.	3231	McKechnie, N.	Ottumwa.
3336	Bilby, P. M.	Eldon.	1009	Petters, Harry C.	Ottumwa.
1002	Bruce, Edward E.	Ottumwa.	1964	Pelham, W. S.	Kirkville.
1007	Castle, Chas. A.	Ottumwa.	175	Reynolds, A. J.	Agency City.
1880	Chambers, David.	Ottumwa.	997	Randall, F. G.	Ottumwa.
916	Clarke, Chester C.	Ottumwa.	1695	Ritz, Reinhard.	Eldon.
2775	Campbell, LaFayette.	Chillicothe.	3182	Reynolds, G. W.	Kirkville.
1004	Kliott, W. D.	Ottumwa.	1720	Scott, E. M. B.	Ottumwa.
1415	Ennis, Wm. F.	Ottumwa.	2196	Sampson, J. W.	Ottumwa.
2961	Eckers, John P.	Ottumwa.	2607	Prague, M. H.	Eddyville.
3728	Ennis, C. H.	Ottumwa.	2921	Simpson, S. V.	Agency City.
920	Gephart, David.	Ottumwa.	2938	Sargent, C. V.	Ottumwa.
921	Harlan, G. F.	Ottumwa.	1008	Taylor, Chas. O.	Ottumwa.
603	Higdon, Orville B.	Ottumwa.	1867	True, C. E.	Ottumwa.
2438	Inskip, Chas. C.	Ottumwa.	994	Udell, Addison S.	Ottumwa.
1368	LaForce, D. A.	Ottumwa.	565	Williams, Thos. J.	Eddyville.
2978	LaForce, W. B.	Ottumwa.	2859	Wilson, J. E.	Ottumwa.
2601	Mauby, Harry.	Ottumwa.			

## LIST OF REGISTERED PHARMACISTS—CONTINUED.

## WARREN COUNTY.

No. of certificate.	NAME.	ADDRESS.	No. of certificate.	NAME.	ADDRESS.
2703	Beppler, J. F.	Indianola.	62	Nunnally, L. B.	Hartford.
2769	Howard, Geo. E.	Lacona.	93	Pouge, J. A.	Lacona.
196	Husted, David W.	Milo.	390	Swafford, Isaiah.	Carlisle.
2067	Law, Wm.	Liberty Center.	2129	Spaulding, S. J.	Indianola.
2045	Miller, Wm. L.	Norwalk.	1594	Wilson, J. C.	New Virginia.
1075	Marietta, John C.	Palmyra.	1595	Wilson, James H.	New Virginia.
2258	McKay, Wm. T.	Milo.			

## WASHINGTON COUNTY.

511	Adair, W. R.	Washington.	3294	Longwell, Jesse.	Wellman.
2061	Allen, B. F.	Kalona.	2266	Ott, Daniel W.	Washington.
1934	Barrroughs, J. R.	Washington.	1304	Redman, A. A.	Washington.
1300	Chilcote, Wm. E.	Washington.	3645	Ritter, Jno. M.	Kalona.
1301	Cook, Wm. A.	Washington.	3662	Smith, David F.	Wellman.
1463	Criz, Sylvester F.	Riverside.	2784	Smith, Frank H.	Wellman.
1903	Glasgow, L. G.	Washington.	3108	Stewart, Chas. W.	Crawfordsville.
2857	Houghland, Allen C.	Brighton.	3105	Stewart, J. C.	Washington.
317	Israel, W. G.	Brighton.	524	Walker, W. A.	Ainsworth.
512	Ink, P. F.	Washington.			

## WAYNE COUNTY.

1229	Armstrong, E. H.	Seymour.	1820	Hinkle, Geo. W.	Harward.
2738	Arnold, Robert R.	Humeston.	2288	King, Thos. F.	Lineville.
2850	Bruer, D. M.	Chio.	2193	McCoy, Hugh.	Seymour.
1421	Clark, Eaton K.	Seymour.	384	Rogers, Oscar K.	Corydon.
2761	Everson, W. H.	Promise City.	1873	Rankin, J. B.	Allerton.
644	Henderson, W. H.	Humeston.	526	Sproatt, Wm. S.	Corydon.
1747	Hill, J. A.	Lineville.	413	Zern, S. D.	Corydon.

## WINNEBAGO COUNTY.

573	Blennerhasset, A.	Forest City.	11	Nerby, Levi B.	Lake Mills.
2503	Keeler, Chas. E.	Lake Mills.	801	Pinckney, James.	Forest City.
2550	Koto, F. O.	Forest City.	3299	Pinckney, E. A.	Forest City.

## WEBSTER COUNTY.

584	Cheney, John C.	Ft. Dodge.	2665	Howey, Frank.	Ft. Dodge.
1688	Campbell, W. J.	Ft. Dodge.	3131	Jay, Oscar O.	Gowrie.
2221	Crawford, E. W.	Ft. Dodge.	3013	Kitchen, J. L.	Kalo.
3005	Cole, I. G.	Dayton.	2935	McNamara, John F.	Ft. Dodge.
3212	Coughlan, D. J.	Ft. Dodge.	2956	Nicholson, W. L.	Ft. Dodge.
63	Evans, John M.	Gowrie.	1939	Oleson, Olat M.	Ft. Dodge.
1429	Evans, Mrs. E. A.	Gowrie.	2381	Sackett, Robert W.	Ft. Dodge.
1430	Evans, O. E.	Gowrie.	2907	Saunders, C. J.	Clare.
1645	Falick, Thos. B.	Lehigh.	2825	Waldburger, J. C.	Ft. Dodge.
1803	Garlock, A. W.	Dayton.	2841	Warner, C. L.	Dayton.
2214	Gesell, C. L.	Ft. Dodge.	3060	Wilhelm, Thos. F.	Ft. Dodge.

## WINNESHIEK COUNTY.

3126	Blanchaine, C. H.	Ossian.	978	Rudolph, Chas.	Decorah.
592	Chapman, H. S.	Ft. Atkinson.	1923	Rudolph, R. F.	Decorah.
2984	Engbertson, Richard.	Decorah.	396	Stiles, Arthur E.	Calmar.
715	Montgomery, J. H.	Decorah.	963	Scott, John.	Calmar.
716	Montgomery, M. H.	Decorah.	1733	Tower, Hannibal.	Ft. Atkinson.
1011	Mills, Chas. J.	Ossian.	632	Worth, Fordyce.	Hesper.
2903	Maynard, J. D.	Decorah.	799	Weiser, Emilus I.	Decorah.
2530	Prand, Al. W.	Ridgeway.	1767	Webb, N. H.	Hesper.



## LIST OF REGISTERED PHARMACISTS—CONTINUED.

## WORTH COUNTY.

No. of certificate.	NAME.	ADDRESS.	No. of certificate.	NAME.	ADDRESS.
944	Emery, J. F. ....	Northwood.	129	Sherman, Nancy B. ....	Grafton.
2283	Emery, Geo. M. ....	Northwood.	2518	Thorson, Nels. ....	Northwood.
1598	Hundebly, T. K. ....	Northwood.	945	Wilson, O. R. ....	Northwood.
1896	Jones, J. R. ....	Fertile.			

## WOODBURY COUNTY.

1786	Arnold, Chas. F. ....	Sioux City.	2994	More, Arthur J. ....	Sioux City.
2629	Baker, Frank J. ....	Sioux City.	1472	Nash, A. F. ....	Sioux City.
2315	Fox, Frank. ....	Sioux City.	1419	Rice, Chas. ....	Smithland.
2524	Frear, Edwin D. ....	Salix.	1420	Rice, Richard C. ....	Smithland.
1185	Hansen, F. ....	Sioux City.	3042	Scherling, Gustav ....	Sioux City.
1186	Hundt, Wm. L. ....	Sioux City.	3260	Smith, Frank L. ....	Sioux City.
1386	Loneks, Richard H. ....	Danbury.	3364	Sedgwick, Willis L. ....	Sioux City.
1473	Lewis, Edward H. ....	Sioux City.	1624	Weeks, A. J. ....	Correctionville.
2569	Montross, Geo. D. ....	Sloan.	1625	Weeks, J. E. ....	Correctionville.
2680	Marotz, F. W. ....	Sergeants Bluffs.	2203	Wright, Wm. M. ....	Correctionville.
2993	Moore, Silas H. ....	Sioux City.			

## WRIGHT COUNTY.

1862	Brackett, A. B. ....	Goldfield.	3070	Morse, Chas. H. ....	Eagle Grove.
1725	Elliott, John A. ....	Clarion.	3222	Mason, G. W. ....	Goldfield.
1834	Hamilton, S. B. ....	Clarion.	2462	Newman, Edward P. ....	Dows.
3141	Harr, D. D. ....	Belmond.	2137	Strickler, B. E. ....	Dows.
161	Mitchell, W. H. ....	Belmond.	1918	Westveer, Henry ....	Eagle Grove.
2982	Mulnix, J. A. ....	Dows.	2693	Will, F. J. ....	Eagle Grove.

## ABSTRACT OF REGISTERED ASSISTANT PHARMACISTS.

Number of certificate.	NAME.	Date of registration.	Date of expiration, if not sooner superseded.	PLACE OF REGISTRATION.	LATEST REPORTED ADDRESS.	Date of last change.	Certificate renewed for.	REMARKS.
1	W. R. Briles. ....	Mar. 16, 87	Mar. 15, 89	Charlton				
2	L. M. Walker. ....	Mar. 8, 87	Mar. 8, 89	Alton				
3	Elmer L. Price. ....	Mar. 7, 87	Mar. 7, 89	Tama				
4	O. J. Hagen. ....	April 19, 87	April 19, 89	Northwood				
5	W. A. Knapp. ....	April 19, 87	April 19, 89	Manchester				
6	W. S. Warner. ....	April 19, 87	April 19, 89	Leon				
7	E. E. Horner. ....	April 19, 87	April 19, 89	Leon				
8	Ed. T. Thompson. ....	April 19, 87	April 19, 89	Audubon				
9	Frank W. Dingley. ....	May 2, 87	May 2, 89	Algona				
10	J. A. B. Fehr. ....	May 3, 87	May 3, 89	Clinton				
11	Joseph Bullinger. ....	May 10, 87	May 10, 89	Dyersville.				
12	W. H. Fyle. ....	June 7, 87	June 7, 89	Osborne				
13	W. G. Gahan. ....	June 21, 87	June 21, 89	Maline				
14	Enfus Hardy. ....	July 8, 87	July 8, 89	Salem				
15	P. M. Bilby. ....	July 19, 87	July 19, 89	Elton				
16	U. O. Horseman. ....	Aug. 5, 87	Aug. 5, 89	Storm Lake.				
17	Geo. N. Gardner. ....	Sept. 6, 87	Sept. 6, 89	Webster City				
18	Jno. Patterson. ....	Aug. 16, 87	Aug. 16, 89	Des Moines				
19	Albert Readman. ....	Sept. 6, 87	Sept. 6, 89	Manilla				
20	W. Eugene Oils. ....	Aug. 9, 87	Aug. 9, 89	Line Springs				
21	George Manke. ....	Oct. 18, 87	Oct. 18, 89	Des Moines				
22	Eugene H. Stempel. ....	Oct. 18, 87	Oct. 18, 89	Macedonia				
23	Jno. S. Clark. ....	Oct. 1, 87	Oct. 1, 89	Maxwell				
24	D. D. Bales. ....	Nov. 1, 87	Nov. 1, 89	Punlap				
25	W. H. Matthews. ....	Sept. 9, 87	Sept. 9, 89	Delia				
26	Gale Satterlee. ....	Sept. 20, 87	Sept. 20, 89	Boone				
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Superseded by 3321.

Superseded by 3336.



## SYNOPSIS OF STATE PHARMACY REGISTER.

Number certificates issued to those who were in business at the passage of the law without examination:	
Green seal Certificates.....	1,889
Number certificates issued to graduates without examination:	
Red seal certificates .....	73
Number who passed successful examinations to whom gold seal certificates were issued.....	1,891
Total number of certificates issued to September 15, 1887.	3,853
Of this number	
There were revoked for violation of law.....	34
Registered Pharmacists reported dead .....	118
Canceled by request of the owners .....	72
Certificates without examination, superseded by certificates by examination.....	145
Certificates without examination forfeited as per section 4 of the law .....	720
Certificates delinquent; owners out of the State.....	113
Certificates delinquent; the owners whereabouts unknown. 262—	375
Certificates in force whose owners reside out of the State .....	110
Certificates in force, and whose owners, or most of them, are in active business in the State.....	1,729
Total .....	3,803

## ERRATA—IN APPENDIX.

- Page 5, Certificate No. 2962, in latest address column, instead of *Harlan*, read *DeSoto*.  
Page 11, Certificate No. 2330, read date of last change September 24, 1887, instead of September 24, 1881.  
Page 13, Certificate No. 3336, for place of Registration read *Eldon* instead of *Eldora*.  
Page 14, Certificate No. 609, Albert Cummings, has forfeited.  
Page 34, Certificate No. 2837, instead of *W. H. Higley* read *W. H. Highley*.  
Page 45, Certificate No. 578, instead of *W. C. Modern* read *W. C. Morden*.  
Page 46, Certificate No. 1212, J. W. Morrison, read six years delinquent, in Kansas, and forfeited.  
Page 46, Certificate No. 1214, W. G. Moore, is not in Kansas nor forfeited.  
Page 48, The Certificate of W. L. Miller is No. 2045.  
Page 48, Certificate No. 2458, instead of *McMeehan* read *McMeehan*.  
Page 50, Certificate No. 2935, for date of last change read *November* instead of *April*.  
Page 51, Certificate No. 2368, for date of last change read *November* instead of *April*.  
Page 53, Certificate No. 837, for date of last change, read 87 instead of 81, and to *New London* instead of *Newburn*.  
Page 57, The Certificate of H. C. Rawson is No. 381.  
Page 63, The Certificate of Charles Snyder is No. 834 instead of 734.  
Page 67, Certificate No. 2093, instead of *Primross City* read *Promise City*.  
Page 68, Certificate No. 2538, C. H. Sproul, is not delinquent.  
Page 76, Certificate No. 1322, for date of last change, instead of *April* read *November*.  
Page 78, Certificate No. 2606, for date of last change, instead of *April* read *November*.  
Page 80, Certificate No. 1560, Charles E. Yount, is delinquent six years and forfeited.  
Page 80, Certificate No. 1567, Jas. G. Young, is not delinquent.  
Page 80, Certificate No. 1600, C. C. Young, is delinquent six years and forfeited.  
Page 80, Certificate No. 1993, Will G. Young, is not delinquent.  
Page 81, Adair county. Certificate No. 1140, instead of *McDonell* read *McDermid*.  
Page 82, Black Hawk county. The number of C. E. Miller's Certificate is 3101 instead of 3107.  
Page 83, Butler county. The number of Rollin E. Wick's Certificate is 3150 instead of 3140.  
Page 86, Decatur county. Artemus Brown's location read *Leon* instead of *Westerville*.  
Page 86, Dickinson county. The number of Elias L. Brownell's Certificate is 759 instead of 579.  
Page 89, Henry county. The number of Theo. Woibel's Certificate is 2755 instead of 2725.  
Page 90, Howard county. The number of Wm. Connolly's Certificate is 2949 instead of 2449.  
Page 91, Jones county. The number of Mary A. Skinner's Certificate is 277 instead of 278.  
Page 92, Keokuk county. Certificate No. 688, read *David L. Norcross* instead of *Daniel*.  
Page 92, Kossuth county. Certificate No. 262, read *Forbush* instead of *Eorbusch*.  
Page 92, Lee county. The number of Thomas Ward's Certificate is 686, instead of 686.  
Page 93, Linn county. Certificate No. 3083, read *Colcin* instead of *Calcin*.  
Page 93, Linn county. The number of Delos D. Stevens' Certificate is 973 instead of 923.  
Page 95, Mills county. Certificate No. 961, read *Joseph P. Munger* instead of *Jas. P.*  
Page 96, Palo Alto county. The number of E. W. Bachman's Certificate is 2497 instead of 2473.  
Page 96, Poweshiek county. Certificate No. 1621, Wm. Cary, has forfeited.



CERTIFICATE.

IOWA COMMISSIONERS OF PHARMACY, }  
OFFICE OF THE SECRETARY, }  
STATE CAPITOL, DES MOINES, IOWA. }

I, CHAS. A. WEAVER, Secretary of the Commissioners of Pharmacy for the State of Iowa, hereby certify that the foregoing Abstract of the State Pharmacy Register is copied from the original Register on file in this office, and that the same is true, correct and complete.

In testimony whereof I have hereunto set my hand and affixed the seal of the Commission, this 1st day of December A. D.

[SEAL.] 1887.

C. A. WEAVER,  
*Secretary of the Commissioners.*