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## THIRD BIENNIAL REPORT

OF THE

# COMMISSIONERS OF PHARMACY

FOR THE

STATE OF IOWA.

WITH

Regulations and Abstract of State Pharmacy Register.

---

AUGUST 15, 1885.

---

PRINTED BY ORDER OF THE GENERAL ASSEMBLY.

DES MOINES:  
GEO. E. ROBERTS, STATE PRINTER,  
1885.



THIRD BIENNIAL REPORT

COMMISSIONERS OF PHARMACY

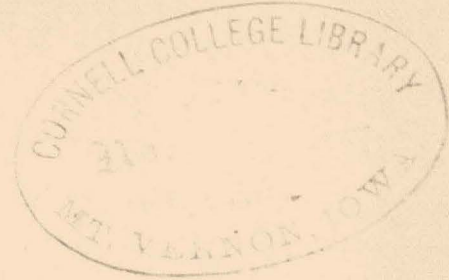
STATE OF IOWA

Regulations and Abstracts of State Pharmacy Practice

AUGUST 15, 1885

PRINTED BY GEORGE W. BROWN AT THE STATE PRINTING OFFICE

DES MOINES



### NOTICE TO RECIPIENTS.

RECIPIENTS of the Reports of the Commissioners of Pharmacy for the State of Iowa are respectfully requested to acknowledge the same.

Officers of Pharmacy Boards, Medical Boards, Departments, Institutions or Societies publishing official reports, which may be of use to the Commission of Pharmacy, will confer a favor by forwarding exchanges.

Editors of newspapers and periodicals publishing articles relating to the pharmacy law or reviews of this report, are requested to mail copies to the Secretary of the State Board of Pharmacy at Des Moines, Iowa.





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## IOWA PHARMACY LAW.

Chapter 75, of the Acts of the Eighteenth General Assembly, as amended by Chapter 137, of the Nineteenth General Assembly.

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 medicinal 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 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.

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 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 and 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 and 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.

SEC. 8. Apothecaries registered as herein provided shall have the right to keep and sell, under such restrictions as herein provided, all medicines and poisons authorized by the National, American or United States Dispensatory and Pharmacopœia as of recognized medicinal utility. *Provided*, that nothing herein contained shall be construed so as to shield an apothecary or pharmacist who violates or in any wise abuses this trust for the legitimate and actual necessities of medicine, from the utmost rigor of the law relating to the sale of intoxicating liquors, and in addition thereto his name shall be stricken from the register.

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, essential 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, oxalic acid, 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 to sell or deliver any poison enumerated in Schedules "A" and "B" unless, upon due inquiry, it is 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 provis-



ions 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 violation of the provisions of this section shall make the owner or principal of said store of pharmacy liable to a fine of not less than twenty-five dollars, nor 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 vender 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 twenty-five dollars. All moneys received for licenses to be paid to the Auditor of State. The sum of one thousand dollars per year, or so 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, registration for himself or another under this act, by making, or causing to be made, any false representation, 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. This act shall not apply to physicians putting up their own prescriptions, nor to the sale of proprietary medicines manufactured in the State when same are sold and distributed by agents from an established place of business.

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.

IOWA COMMISSION OF PHARMACY, }  
OFFICE OF THE SECRETARY, }  
DES MOINES, IOWA, September 1, 1885. }

*To his Excellency, BUREN R. SHERMAN, Governor:*

SIR—In accordance with the requirements of the statute I have the honor to submit to you the third biennial report of the Commissioners of Pharmacy for the State of Iowa, comprising a brief account of their transactions from the date of their last report, October 31, 1883, to August 1, 1885, with a few observations and suggestions on the Pharmacy law, and a Corrected Abstract of the State Pharmacy Register to September 1, 1885.

C. A. WEAVER,  
*Secretary of the State Board of Pharmacy.*



## COMMISSIONERS' REPORT.

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TO INDUCE a greater number of citizens to read this, our third biennial report, we propose to be even more brief than formerly, hoping thereby to have a greater number read and become familiar with the principles and workings of the pharmacy laws, and those who are desirous of obtaining more specific and detailed information we refer to our first and second biennial reports, and the voluminous papers on file in this office, also to the published annual proceedings of the Iowa State Pharmaceutical Association for the years 1880 to 1885, inclusive, and the American Pharmaceutical Association for the past thirty-one years, all of which, with correlative publications, may be found in the State Library, and in the libraries of representative pharmacists throughout our State.

Few citizens stop to think of the immediate benefits and vital importance to themselves and their families in the protection afforded them by pharmacy laws, less still, are aware of the onerous labors imposed in the execution and enforcement of new laws, especially those combining scientific character in which the general public, though having no secondary interest, are, nevertheless, little informed, and are perhaps not expected to be, as they place their reliance on the protection of the State, who, in all countries of advanced ideas, acts as the protectorate of the people. Under the American system of making laws, the duty devolves on the people themselves to annually or biennially elect representatives to enact and support such laws as will promote the general welfare and afford them the protection guaranteed by the Constitution. To perform this duty of citizenship intelligibly, requires some knowledge of the means provided or proposed to attain such protection. This is especially required when it involves questions in which there is so much sentiment and controversy as the liquor question, with which the dispensers of medicines are unavoidably and undesirably connected for purposes absolutely indispensable



to their profession, and the necessities of medicine. Human laws, unlike natural laws, are not self-executing.

The execution and enforcement of the pharmacy law is vested in the Commissioners of Pharmacy for the State of Iowa. (See page —, Supreme Court Reports, *in re Hildreth vs. Crawford et al., Commissioners of Pharmacy, etc.*)

The administration of this power demands the exercise of good judgment, not to rigidly enforce a new law until the people were educated up to it, and until the more important and hotly contested features of the law are sustained by the Supreme Court. This has been successfully accomplished in every case.

*State vs. Knowles; State vs. Mercer; State vs. Harris; Hildreth vs. Crawford, et al., Com. of Ph.*, published in this report.

Besides this, the law first required the legal qualification, organization and classification of all druggists of the State, proprietors or clerks before they were entitled "Registered Pharmacists," and thereby empowered to practice pharmacy in this State. This involved most arduous labor withal, requiring such conscientious discriminative judgment as to preclude the delegating of any such powers to deputies to facilitate the work in charge; reference to our Secretary and Treasurer's report, minutes of our meetings, and our books of record will show that this important work has been faithfully done, "without expense to the State," a clause which was inserted in the original law, and accepted by the drug fraternity as a temporary provision until the necessity and practicability of a pharmacy law could be more generally demonstrated, though this has been effectually done, and every principle claimed for the pharmacy law affirmed by the Supreme Court. It has been accomplished more or less by the unselfish devotion of its exponents and adherents under manifold difficulties, chief of which has been the inadequacy of measures to secure its more complete enforcement, and the harassing opposition from the extremists on the liquor question. To show that the liquor section of the pharmacy law is to-day the best regulated liquor law in the statute books, we ask all candid minds to inquire into its workings and consider if it is fair to seek to compel "registered pharmacists" to assume the risks, burdens and common, if not disgraceful, repute of a permit dealer, and ask particular attention to the following expressions and opinions on this and other features of the pharmacy law since the adjournment of the last General Assembly.

PRESIDENT HARRISON'S ADDRESS

to the Iowa Pharmaceutical Association at Marshalltown, May 28, 1884.

THE PRESIDENT'S ADDRESS.

*Fellow members of the Iowa State Pharmaceutical Association:*

Before proceeding with the remarks which I have prepared to present to you on this occasion, I wish to extend to you, each and all, a cordial fraternal greeting. If the pleasure which is afforded me at here meeting so many friendly pharmacists is at all reflective of your own feelings, I am assured that we shall go home from this convention well repaid for our visit, strengthened for our future labors, and determined to renew our acquaintance at each succeeding year. Coming as we do from widely scattered cities and sections of the State, and while enjoying this brief respite from the confines and cares of a most exacting pursuit, we may in the interim of our sessions and through the agreeable medium of social interchange find many suggestions, comparisons and ideas to broaden and extend our views, lighten our burdens, and lead us with pleasure, improvement and profit from olden methods and beaten paths. In obedience to constitutional requirement, and to established custom, I am here at the closing hours of the term for which I was chosen to serve you, for the purpose of rendering some account of my official stewardship, of recounting some of the years' transactions and events, and of offering some thoughts, opinions and suggestions which possibly may be of interest or advantage to the association or aid in the promotion of its laudable aims. Called unexpectedly by your generous manifestation of confidence and favor, from an humble but chosen and contented station at the dispensing counter, and lacking those qualifications which I deemed to be highly essential to the presidency of a great reformatory organization, I confess I came at your bidding to this chair with positive unbelief in the wisdom of your choice and with consequent concern for our continued corporate welfare, not free from doubts and fears.

If it shall appear that these misgivings have not been wholly realized, and for whatever advancement we have since attained, the credit is chiefly due to those officers and members who, by rendering a prompt, generous and constant assistance and support, have manifested that commendable and due interest in the affairs of this society, which I trust pervades our entire membership, and which as a prime factor in our future success I most earnestly bespeak toward him whom you shall soon elevate to the dignity and duties of those office.

During the earlier and greater part of my incumbency the occurring duties have been of commonplace character, comprising the usual attention to routine business and a somewhat extensive correspondence.

This monotony, however, although acceptable to your officers, was not destined to continue throughout the term, for latterly there occurred a



changed condition, a season of such moment and concern, that the year just drawing to a close, in point of eventful interest, will vie with any preceding one.

The status of affairs at the beginning of the present calendar year was not materially different from that which had prevailed for eighteen months before.

The same uncertain feeling with reference to the validity of the famous "fourth of July substitute" of 1882, continued to exist, and consequently, also, the same diversity of practice with reference to obeying its essential feature, the odious permit system which it had presumably re-enacted.

(I may here mention that neither this association, the State Board of Pharmacy, or any committee or member of either, is responsible for this hasty, ill-advised legislation and its ill results. Some circulated statements to the contrary are fully refuted by some correspondence giving facts and real authors, published in the recent March number of the Chicago Druggist.)

Thus matters had for many months continued in that undefined, unsatisfactory and unfortunate condition, when in January last, our attention was directed, half hopefully, half doubtingly, to the newly convened Legislature.

Concerned for the dignity and prosperity of our profession, for the permanency and protection of our pharmacy law, for the best interests of the people, and for the fair name and fame of Iowa, we were confronted with signs of a coming storm, pregnant with fury and presage of possible danger.

Our situation, in view of prejudices prevailing because of infractions by a few defiant dealers, of predominant extreme sentiment and of prospective legislation, seemed critical indeed.

In view of this extreme situation, of the excited condition of both public and legislative minds, there were grave apprehensions of ill-considered enactments, entailing unnecessary and burdensome methods and seriously retarding our professional and commercial progress.

Fortunate for the association, fortunate for a righteous cause, fortunate for Iowa, her pharmacists and her people, we had at this serious juncture a valiant soldier, an experienced counselor and an earnest, willing worker in the Chair of our Legislative Committee.

Thoroughly imbued with the importance of his trust, prompt in the performance of its duties, and equal to emergencies as they rose, he and they who so generally aided and supported him, have rendered a signal benefit to the cause of progressive pharmacy, have merited our warmest thanks and are entitled to the gratitude of every citizen who values the integrity and perpetuity of beneficent laws. I congratulate you, fellow-members, upon the victory which we as an association have achieved through the efforts of these valiant servitors; through them we have openly, honestly and firmly upheld the principles and objects of our organization against insidious wiles, the machinations of a cunning and covert foe; through them we have unmasked the authors, the animus and the aims of poisonous paragraphs,

published and carefully circulated for mischievous ends; through them we have successfully combatted a small, but organized and dangerous opposition, and have averted the evils intended to be perpetrated, including the monstrous and high-handed scheme contained in that vehicle of vandalism, that detestable, damnable document of destruction. I refer to House Bill, number 355.

Standing here, then, upon this vantage ground, and calmly surveying the field and facts of that long, but successfully resisted siege, I ask, shall we not heed the lessons of this legislative year? Shall we not profit by the experience of the past? Shall we not henceforth beware of that heinous hydra-headed demon, that lurks unseen, to strike us in the dark?

It has been said, and the truth is applicable to us as well as to individuals,

"He's on his guard who knows his enemy,  
And Innocence may safely trust her shield  
Against an open foe; but who's so mailed  
That Slander cannot reach him?"

It is my opinion that one of the duties devolving upon us, and which we owe to the people as well as to ourselves, is to disseminate among them the fullest information concerning the equity, public value and vital importance of the pharmacy law.

While I am not prepared to offer a formula for inaugurating and carrying out this suggestion, I am impressed with the belief that, in this matter, ignorance is against us, and that if this association can devise and set in motion some practical plan of accomplishing this desirable end, it will have taken a long stride in the path of progress.

It is a significant fact that such manifest antagonism as has arisen toward our pharmacy law, can be traced to narrow, selfish interest, malicious personal spite, or groundless, ignorant prejudice.

Such a thing as broad, honest, statesmanlike opposition from disinterested persons has not appeared, and I think will not, if the people are enlightened as to the real effects of the law, the wholesome benefits which must accrue to them by the enforcement of its provisions and by elevating the standard of pharmaceutical proficiency.

The erroneous idea, fortunately of limited prevalence, that the pharmacy act is operative in the interest of a few, and other equally absurd and unfounded falsities, are attributable to ignorance, and will flee away in proportion as there is diffused a knowledge of the truth and a better understanding of those mutual interests, whose equilibrium must be maintained, as necessary to the support and success of pharmacy on one hand and to the fullest and best service to the public on the other.

Until the people are thus informed, and the prime cause of petty prejudices thus removed, that proud enactment which adorns our statute books will have fallen short of its magnificent possibilities in the cause of pharmaceutical progress and the consequent promotion of human health and human happiness.

Having in our corporate capacity projected, procured, and protected this



benign law, we should, consistently continuing the work so well begun, and in the exercise of proper parental solicitude, combine our efforts to enlarge its sphere, to increase its usefulness, to enforce as well as obey its requirements and to shield and perpetuate its principles.

To this end it is our bounden duty as members of this association and as good citizens of Iowa, to stand by and strengthen and support the Commissioners of Pharmacy in the execution of their arduous labors. As their natural allies through our relationship to the law, we are pledged to this high obligation by every consideration of consistency and honor.

Such combined effort for such exalted purpose is worthy to engage, and will richly repay us, not alone in increased commercial benefits, but in those nobler compensations, the consciousness of duty done, and the lifting of our profession up to an higher station, comprehending an evidence of greater usefulness and the assurance of greater appreciation.

This unity of effort and aim, this combination and concentration of individual energy and thought is, and must ever be, the sole source of strength, the mainspring of power, the parent of progress, and the veriest promise of ultimate achievement in the broad prosecution of every beneficent enterprise.

As an essential fundamental principle, a part and parcel of the platform whereon we stand, this vital truism is concisely and forcibly enunciated in the preamble to our constitution, and to which associated with sublime sentiments we have subscribed with honest pride, thus banding us together, and for no idle purpose.

The profession of pharmacy in its integrity and exalted sphere of usefulness, is a sublime calling—having to do with the amelioration of the condition of suffering humanity, her attributes include the loftiest labors of the human mind, and the noblest impulses of the human heart.

Directed by her guiding hand, science and art are harnessed to the car of human progress, wherein she drives forth upon her divine mission, an angel of mercy with healing in her wings, ministering to the upstretched hands of sickness, suffering and woe, and bearing as burdens of blessing, hope, health and happiness to the hearts and homes of earth.

To extend the knowledge, to elevate the character, and to protect the interests of such a calling, these are the grand and glorious aims, forming a triangle of truth, the compact which combines us and which summons every effort and energy for the duties of to-day.

Let us stand then firmly together, maintaining the dignity and honor of our profession; upholding the principles and objects of our organization; sustaining local, State and National associations, to the end that in the impending conflict we may present a united and solid front, invulnerable to the enemies of progress and to those persons and practices which seek and tend to degrade us.

The impending conflict! Is there one among you who does not realize that to-day the fabric of our chosen calling is shaken and disturbed by elements of antagonism within, and menaced by numerous and powerful foes without? Are we unmindful of a mighty revolution, which having

already assumed gigantic proportions, must go on, leading us, if united and true to our principles and ourselves, to victory, honor and greater usefulness on higher planes, or sweeping us, if divided, down toward degradation, destruction and defeat.

Let us beware then of the dangers that beset us, and be warned by the records of the past.

The history of the world, whether as pertains to nations or to man in his various states, conditions and employments, reveals a succession of crises, tumults and revolutions, whereby precipitant reverses have overtaken the seemingly established methods and measures of men.

The spirit of progression rising like a mysterious mist from the great broad sea of human intellect—following the star of empire in its westward way, is borne aloft upon the winds of civilization, now beaming like a halo of light in the sun-rays of prosperity and peace, now changed into a very fiend of destruction, a demon of the storm, which lashes into fury the seething, surging billows of the human mind.

Change! Change is itself the only immutable thing; empires, societies and conditions rise, flourish and depart, verifying that in every earthly enterprise the divine plan of evolution is inevitable as futurity and fate.

Moved by the vicissitudes of revolving time, the world advances in the upward path of destiny, and man, whatever be his station or pursuit, borne as upon a resistless tide, must rise in the scale of being, adapting himself to the successive requirements and superior conditions of his race, or he must make way for progress and go down forever.

I take it that the great lesson of these mighty upheavals in society, is—that if the errors and evils which are opposed to advancement, which retard civilization, which are retrogressive or degrading in their tendencies, however intimately associated and interwoven with our dearest hopes, employments and interests, if these be not cursed, they must be and they will be destroyed.

We are here to-day as representatives of a profession which in harmony with that universal order of advancement, has evolved and grown up from a condition of primitive obscurity to a proud position among the beneficent institutions of the world.

Moving on the twin-rails of destiny and duty and toward that attainless perfection, which like Heaven's bended bow of beauty, allures and then eludes us, it is our business to so conduct and shape the affairs of this association that it may more surely hasten that onward march to higher realms of usefulness and honor.

We should ignore the narrow negative interest of self, and uniting upon the great platform of humanity and universal good, give to our calling a more noble and ennobling character, thereby building for ourselves a surer prosperity and a more enduring fame.

To aid us in the accomplishment of these glorious ends, we have powerful allies in those schools and institutions, worthy of our warmest support, devoted to essential and especial higher education, in a growing literature, rich with results of physical and intellectual research, and in a living press.



reflecting at intervals the condition and progress of our profession, the achievements, discoveries and investigations which are constantly occurring in progressive pharmacy, and scintillations of thought and truth reflected by active minds from the unsullied rays of the lamp of science.

Among these benign influences which to-day are operating to improve and enrich the fertile fields of pharmacy and to plant therein the productive seeds of science and success, our pharmaceutical press stands peerless and alone, a vanguard of progress, luminous in the glory of its own enlightening rays, an honor to the pursuit whose interest it pre-eminently promotes, and through merited and liberal support are evidence of higher aims and intellectual growth.

I envy not the pharmacist, if there be such, who, deluded and blind to his own interest, deprives himself of these magnificent helps and thus shuts out the light that freely shines for all.

Mindful that I have already drawn heavily upon your time and patience, I will but briefly refer to yet a few thoughts which I think may properly claim your attention.

I must congratulate you, fellow members, while I commend our faithful and efficient officers and committees for zealous and assiduous services. From their several reports you may glean many facts and figures pertaining to the year's work, but these will give you no conception of the manifold labors which have operated to sustain and further our varied and important interests.

The status of pharmacy, as compared with the correlative science of medicine and other professional pursuits, and the relation thereto of this association as a responsible agent, charged with the duty of promoting her dignity and prosperity, suggests the inquiry whether it be expedient for us to formulate and adopt a series of inflexible rules for the government of the moral and professional conduct of our members. The fact that so far only a minority of other State associations have established codes of ethics may or may not have sufficient bearing. If the subject should be deemed of sufficient importance to share your attention at these sessions, I would recommend that ample time and opportunity be afforded every member to consider any proposed measures and that no final adoption be effected until the succeeding annual meeting.

In conclusion, fellow members, having now nearly reached the termination of an official career, which has brought me no regret greater than for my own inefficiency, I shall soon return to you the mantle and the gavel of this office, thereby surrendering the cares and responsibilities of its flattering trust. While, doubtless, I shall have fallen far below your wishes as to the effect and value of my administration, I trust you will yet find, that however poor the service which has been performed, it has at least been the full measure of my ability, cheerfully and faithfully rendered with the sole aim of executing the objects and requirements of this association and of promoting the welfare of pharmacy and pharmacists in Iowa.

Having been the recipient of your most gracious favor and of every manifestation of continuing kindness and support, I may anticipate with confi-

dence your further forbearance for the few remaining hours of my term, and I wish now to assure you that for your every personal consideration, I am profoundly grateful.

Invoking upon your deliberations a spirit of wide beneficence, and that harmony and consolidated effort which are ever prerequisite to abundant success, I sincerely wish that the Iowa State Pharmaceutical Association, proceeding in her upward and onward course, lengthening and strengthening her border lines, enlarging her influence and increasing her powers for good, may go on from achievement to achievement, till pharmacy divested of every cumbering condition, and responsive to the necessities of an elevated and enlightened people, shall have risen to the acme of proficiency, dignity and usefulness, and till every progressive follower in this great commonwealth, true to the honor and interest of his high calling, true to his obligations of citizenship and humanity, shall be joined with us in this benign work of advancing one of the noblest pursuits in the service of mankind.

At the same meeting of the Association at Marshalltown, Commissioner Schafer read his recent request to the Attorney-General, which was as follows:

FT. MADISON, IOWA, May 19, 1884.

HON. SMITH MCPHERSON, *Attorney-General for the State of Iowa:*

SIR—Although your opinions of May 23d and August 7th, 1882, were expressed with some doubt as to the validity of the bill passed by the Nineteenth General Assembly, to amend Sec. 8 of the pharmacy law, and repeal Sec. 1527, and amend Secs. 1529 and 1537 of the Code of 1873, relating to intoxicating liquors, there has been a remarkable respect paid to the same by courts and registered pharmacists who were loth to take issue on same. The Commissioners of Pharmacy promptly promulgated your opinion throughout the State, and their official acts have been guided thereby as shown by second biennial report, which also briefly refers to the difficulties attending the same; since then the Twentieth General Assembly has passed an act known as Substitute for House Bill No. 516½, which is approved by the Governor, and will be in force July 4th, 1884. This act amends Sec. 1527, above referred to, as repealed, and also amends Secs. 1529 and 1537. In this act of the Twentieth General Assembly, ignoring the disapproved bill of the Nineteenth General Assembly, does it not put an end to the doubt, and by its sovereign will, amending the same section, does it not effectually declare what the law shall be, and in its effects completely invalidate the unsigned bill of the Nineteenth General Assembly? If it be questioned why they did not make direct reference to such bill by a declaratory or re-enacting statute, it can be said, said bill was not numbered or published according to law, and could not be referred to by chapter number, and a bill to re-enact a section that may never have been repealed would make legislation paradoxical.

If the above does not settle it, I would say, though I have no disposition or special qualification to enter into an extended argument of this subject, I accept your invitation to make a careful perusal of the authorities cited



in your first opinion, to investigate the original question further, and in now presenting same for your opinion, I would remind you of the importance and necessity for rendering same at your earliest convenience to guide the Commissioners of Pharmacy, and two thousand "registered pharmacists," whose acts are regulated by law, and whose disposition as a class is to know just what the law is, and how to obey it. The report of the Commissioners of Pharmacy will evidence to you the situation in some detail. They will meet in Des Moines, May 22d, 23d, and 24th, to make regulations to conform to your opinion of what Sec. 8 of the pharmacy law may now be, and on the following week they hope to promulgate same at the annual meeting of the State Pharmaceutical Association, at Marshalltown, and there to receive the hearty ratification, and through this organization secure the practical operation of all rational regulations for the enforcement of the pharmacy law. I believe you recognize the benefits to a State of a voluntary association of citizens of whatever honorable calling, for an honorable purpose, and the credit due said association, who themselves asked for restrictive legislation, and who, in their annual meetings, to elevate the character of their profession, seek to give force to such legislative enactment by providing ways and means to practically enforce the same throughout the State.

Such, in brief, are some of the attributes of the State Pharmaceutical Association, which meets at Marshalltown, May 27th and 28th, and it is a simple duty the State owes them, to give them a clear understanding of their duties as "registered pharmacists," and save them legal controversies and vexatious litigation. The Commissioners of Pharmacy for the State have assumed to do this so far as they could, but when grave legal questions like this, involving the validity of a statute, arise, we must call on you for an authoritative opinion, and we trust your duties will permit your giving same. With these reasons for asking your immediate review of same, permit me also to remind you of the disposition of the courts to follow, in their instructions to grand juries, the opinion of the Attorney-General, until the same are contested and otherwise decided by the Supreme Court, and to remind you of the expense and litigation involved before such possibly technical opinion may be adjudicated by the courts, and especially where there is an indisposition on the part of good citizens affected, to appear as wishing to destroy what is maintained to be law by the Attorney-General of the State. You are doubtless aware of the various and conflicting rulings of courts on this question, and you know that such rulings will continue indefinitely to keep this matter in doubt until some case involving all the points in controversy will be taken to the Supreme Court.

Is it not, then, of the highest importance, and for the good and welfare of the State that you inform its citizens just what the law is, in order that they may know, and to enable them to determine whether to assume the responsibilities enjoined by law. I also hope you will pardon any reference that may not be strictly germane to the question, but may be in a manner, an argument to secure such authoritative opinion as would meet with general

acquiescence, and be generally accepted as a correct interpretation of the law.

To enter then into a further inquiry of the original question as to the validity of the "doubtful substitute" of the Nineteenth General Assembly, I ask is it not requisite for a law to take effect, to be regularly published as provided by law. Sec. 36 of the Code, prescribing the manner of publication of laws, reads: "Acts of a public nature shall be numbered continuously from session to session as additional chapters of this Code." Reference to session laws of the Nineteenth General Assembly shows that the act under consideration was not so numbered, neither was it scheduled under numerical list of contents, pages 14 to 24 inclusive, or published with the session laws on page 1 to 172, numbered chapter 1 to 175 inclusive; but it was printed on an unpagged leaf, twelve pages beyond said laws, and immediately following the general certificate of the Secretary of State, dated May 4, 1882, and eleven pages of resolutions of the General Assembly as "Chapter —," with certificate of Secretary of State, dated May 6, 1882. That said act was deposited in his office within thirty days after adjournment, and that said act was not approved by the Governor and that no objections to same were filed by the Governor in the Secretary of State's office. Is not this substantially contrary to the statute on publication of laws, and is the mere printing of same within the confines of the session laws, like the "Auditor's Statement" or the "Times of Holding Court" to be considered as giving the same warrant of law; and if so, is not the publication of the fact that the Governor did not approve same to be taken into the same account, and to be as much heeded as the text of the bill which said session laws state were "not approved."

Does not the construction of Sec. 16, Art. 3, of the Constitution make the Governor a component part of the Legislature in the approval of all bills passed by the General Assembly, and is it not "manifestly his duty to withhold his approval from any bill, which in his opinion the Legislature ought not for any reason to pass" (Cooley's Constitutional Limitations, page 43), and did he not indicate his objection by withholding his signature and thus filing the bill within the thirty days required by the Constitution, especially when there seemed no imperative necessity to file more formal objections when the Legislature was not in session and could not reconsider the same?

The essential requirements of the Constitution having thus been complied with, are the words "and with his objections if he disapprove thereof" to be considered as directory or mandatory provisions? The bill having passed beyond the control of the Governor on his filing the same with the Secretary of State as required by the Constitution and Sec. 31 of the Code, and no certificate having been made that same had become a law, as provided by Sec. 36 of the Code, or that the Governor had "set his name thereto, with date of approval," as provided by Sec. 28 of the Code, is it competent at this day to ask the Governor whether it was his intent to file such objections in different form; must it not "be presumed that the Governor has performed his duty in having carefully examined the law in question before returning it. In that case, if he had approved it, what could have



been easier than to have so signified, if he had chosen so to do. A mere endorsement of his name (with date of approval) would have been sufficient."

If you should declare Sec. 8 of the pharmacy law of 1880 intact, and that said act is in no way inconsistent with the impending law amending Chapter 6, Title 11 of the Code, I believe the Commission of Pharmacy can, at their meeting in Des Moines, May 22, 23 and 24, devise such practical regulations as will enable all law-abiding citizens to conform to same and carry out the principles of Sec. 8 of the pharmacy law as sustained by the Supreme Court in "*State of Iowa vs. Knowles*," and in these regulations plainly define the responsibilities of the trust reposed in registered pharmacists.

Yours very truly,

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

The following communication from the Iowa Commission was then read by Commissioner Schafer:

OFFICE OF THE COMMISSIONERS OF PHARMACY, }  
DES MOINES, IOWA, May 24, 1884. }

The above was submitted to the Attorney-General for an opinion, and no opinion having as yet been received, we believe it incumbent on us to give our opinion on the present status of the pharmacy law, and thus answer the numerous inquiries on this subject.

It is our opinion that the act passed by the Nineteenth General Assembly and not signed by the Governor, amending Section 8, Chapter 75, Laws of 1880, is invalid, and some of the district courts have so ruled. "Registered pharmacists" are therefore under the original pharmacy law of 1880, as amended by Chapter 137, Laws of 1882.

By this all registered pharmacists have the right to sell liquor without a permit from the board of supervisors, *for medicine*, and "*only for the actual necessities of medicine*." A registered pharmacist who in any wise abuses this trust, and who cannot justify on trial before a jury as to the good faith of his sales as provided by the pharmacy law of 1880, will be subject to all of the penalties of the law relating to the sale of intoxicating liquors as amended by the last General Assembly and known as the additional penalty act to Chapter 6, Title 11 of the Code, and in addition thereto his name shall be stricken from the register.

Some druggists have abused the trust reposed in them by selling intoxicating liquors as a beverage and thus brought odium upon a legitimate profession. The commission will use all possible endeavors to have the law enforced, and ask the co-operation of all law-abiding pharmacists and district attorneys to that end.

C. A. WEAVER.  
R. W. CRAWFORD.  
GEO. H. SCHAFFER.

*Commissioners of Pharmacy for the State of Iowa.*

Both reports were received with applause. Mr. Thornton, of Des Moines, then requested Mr. Schafer to give his opinion as to the importation clause in the penalty bill. Mr. Schafer read the clause, and then asked in turn: "In regard to that point, Mr. Thornton, what is to prevent the Auditor from supplying Mr. — with a certificate saying that he is a registered pharmacist and entitled to the privileges of the pharmacy law?"

Mr. Thornton—"The right to sell would imply the right to get?"

Mr. Schafer—"It would certainly imply that. The Commissioners did not consider that point seriously, for they reached the conclusion that there is *no conflict* between the pharmacy law and the penalty bill."

Mr. Bryant, of Cedar Falls, moved that the sense of the association be that it stand by the decision of the Commissioners of Pharmacy.

This motion was adopted without opposition and without debate.

The Marshalltown Times-Republican made the following editorial comment:

#### THEIR INTERPRETATION.

The pharmacists of Iowa, in convention assembled, last night reached an interpretation of the liquor laws as they relate to their business that seemed to be entirely satisfactory to them, and their verdict, carefully prepared as it is, must be and will be regarded as a weighty one. The full report, with action of the association in detail, will be found elsewhere in this issue. The conclusion reached by the commissioners and unanimously endorsed by the association is briefly this: The irregular action of the Nineteenth General Assembly is declared to be null and void, and the druggists of Iowa to be still acting under the old pharmacy law, subject to the penalties of the "penalty bill" of the Twentieth General Assembly, which act is also interpreted to in no wise conflict with the operation of the old law. This is an opinion reached after a thorough research, by competent men, who have acted, as no one will deny, under the most honest convictions and with a desire only to reach the truth. Of course it is only an opinion, but should the Attorney-General coincide, its apparent strength would be such as to effectually settle all controversy and very likely prevent the matter going farther. Should he dissent, it will in all probability throw the matter before the courts, whose judgment only will be final in either event if pushed to an end.

Without considering the legal questions involved and taking the action of the association as final, many of the perplexities of the liquor question, as it appears in the light of the law that will take effect July 4, are done away with. The members of the association, and presumably all druggists of the State, will therefore proceed after July 4 as acting under the old law, hold-



ing themselves amenable to the rigorous penalties adopted by the last Legislature for violation of that law, which are certainly severe enough and applicable enough, if enforced, to compel the strictest obedience to the spirit of prohibition, without inflicting upon an honorable profession the humiliations sought to be imposed, whether intentionally so or not, by subsequent legislation which the association declares to be legally defective and not binding.

The Iowa State Register's view of the situation, May 29th, 1884 :

PROHIBITION AND THE DRUGGISTS.

It will be noticed by the proceedings of the State Pharmaceutical Association that the Pharmacy Commissioners have united in the opinion that the act passed in 1882, in relation to permits for the sale of intoxicating liquor, is invalid and of no force. This is the act concerning which there has been so much cheap talk that it would disjoint the prohibitory laws of the last session, and the action of the Pharmacy Commissioners is a strong indication that it cannot be used for that purpose.

It is important that the action of the Pharmacy Commissioners should be clearly understood. They hold that the act referred to is invalid so far as the druggists are concerned (this being all that was before them for decision), but the effect of this opinion, if correct, is to remove a stumbling block in the way of enforcing prohibition. The Commissioners have thus taken a position satisfactory to the friends of prohibition, and which is grounded on the proposition that the additional penalties bill of the last session is a valid law. The druggists, at least, do not believe that its enforcement can be defeated by the mongrel bill adopted two years ago, but which, fortunately, was not approved by the Governor.

The act of 1882 was a strange mongrel in legislation. It professed to be a temperance measure, but it did not impose a single additional penalty on any druggist violating the law, but simply made it more difficult for druggists to obey and respect the law. At the same time it took away some of the restrictions previously imposed on liquor dealers and gave them a freedom unknown before. Strange to say, this bill was reported favorably by the temperance committees in the Legislature, and was adopted by vote of the temperance men in both houses. Yet the liquor dealers are now earnestly contending that this bill is a law, and the friends of prohibition dread it as the only obstacle that can be placed in the way of the enforcement of the additional penalties act.

The mongrel act of 1882 took all control over liquor permits away from the people and gave it to the boards of supervisors. If it had been approved by the Governor these boards could grant permits after the 4th of July next to any person to manufacture and sell liquor for "necessary purposes." The act would make the possession of liquor lawful under these circumstances, and would afford a good cloak for the unlawful sale and the evasion of a prohibitory law. In several other respects it was better legislation for liquor dealers than they would hardly dared to have asked. Yet, because it

was united in the same bill with provisions onerous on druggists, it passed the General Assembly with a flourish just at the close of the session. The Governor did not reach it for action until after the Legislature had adjourned. There was no opportunity to return to the Legislature, and the Governor filed it without his approval.

The Pharmacy Commissioners have heretofore ruled that it was best to obey the act of 1882 as if it were a valid law duly signed and approved, but they regard the situation as considerably changed by the action of the last Legislature, which paid no attention to the mongrel act and proceeded as though it had no validity whatever. The last Legislature in amending the sections of the Code, relating to the sale of intoxicating liquors paid no attention to the act of 1882, but passed it by as a nullity.

The Pharmacy Board obeyed the act of 1882 for two years, even though they thought it invalid, but now that the matter has received legislative construction, and also in view of the fact that an attempt is being made to use the mongrel act to defeat prohibition, they place themselves in the position of holding that the prohibitory laws adopted at the last session are valid and binding. The liquor dealers get no help from the druggists in their attempt to use the act of 1882 to disjoint the additional penalties bill adopted at the last session.

It is an encouraging sign that the druggists accept the prohibitory laws adopted at the last session as valid and binding. From the outset the Pharmacy Commissioners have labored to punish all abuses of trust by druggists, and to confine the sale of liquors to the necessary purposes of medicine. They have worked to support and not defeat the law, and even when there was great doubt as to the validity of a statute they choose to obey it rather than have it appear that they evaded any law that was even claimed to be valid. Druggists who have disobeyed the law have done so in defiance of the Pharmacy Commission and in opposition to the State organization of druggists.

The Pharmacy Commissioners formally recognize prohibition as the true and valid law of Iowa after the Fourth of July next. Druggists who act in defiance of this ruling do so at their own peril, and belong to the class described by the Commissioners as those "who have abused the trust reposed in them and thus brought odium on a legitimate profession." The Pharmacy Board has served notice on all whom it may concern that after the fourth day of July prohibition will be the law of Iowa, and in this there is an augury for the thorough enforcement of prohibition. The enemies of prohibition get neither aid nor comfort from the Pharmacy Commissioners.

The situation June 6, 1884, changed by the following opinion:

ATTORNEY-GENERAL'S OPINION.

DES MOINES, June 6, 1884.

To the State Pharmacy Board :

GENTLEMEN—I have considered your inquiries, touching the status, rights and duties of druggists in selling intoxicating liquors after July 4th of the present year.



Whether the act of the General Assembly of 1882 is a law, although it did not receive the Governor's signature, is of importance only on the question as to the methods and procedure in obtaining a permit.

Section 1527 of the Code provides that before the board of supervisors can grant a permit a petition asking therefor must be signed by a majority of the voters of the precinct. If the act of 1882 is a law, then Section 1527 of the Code has been repealed.

May 23, 1882, I said to you that I believed the act of 1882 was a valid law. In August, 1882, I gave, in an opinion to you, that I adhered to my former opinion, but with very grave doubts. Since then a majority of the District Judges of the State, before whom the question has been presented, have decided it not to be a law. I believe a majority of the better lawyers of the State think it is not a law. The General Assembly, at the late session, by legislative construction, which is of no little value, have likewise concluded. So that it seems that the very decided weight of opinion so construe it. And my own doubts have been increasing, until now I have but little doubt but that it is not a law. In addition to all this, the druggists of the State, in recent convention assembled, by an unanimous vote resolved that it was not a law. So that virtually there is no conflicting opinion upon the question, and all agree that, to get a permit, the board of supervisors cannot act until the petition is presented, duly signed by a majority of the legal voters.

II. Your next question is: Can a registered druggist sell intoxicating liquors for medicines only without first getting a permit?

It is claimed they can. Every one concludes that under the Code of 1873 they could not. By the pharmacy act of 1880 the better opinion seems to be that such sales could be made for medicinal purposes only, without obtaining a permit from the supervisors. The Supreme Court, Judge Seevers writing the opinion in the case of *The State v. Knowles*, 57 Iowa Reports, page 669, and by Judge Adams, writing the opinion in the case of *State v. Mercer*, in 58 Iowa Reports, page 183, seem to think this view correct, although the question was not decided in either of the cases. But I think that under that act a registered druggist could so sell without a permit. And why?

For the reason and the only reason that has been or can be urged that to that extent, the pharmacy act of 1880 is in conflict with the provisions of the Code, and to that extent the sections of the Code must give way as being repealed.

This is the argument of the druggists, of the lawyers and of the courts.

But by chapter 143, acts of the Twentieth General Assembly (1884), pages 146-151, we have a still later law which is to the same extent precisely, no more or no less, in conflict with the pharmacy act of 1880, as was the pharmacy act in conflict with the provisions of the Code. And the same argument in the one case is legitimate in the other.

By section 10 of this recent act the old section 1540 of the Code is repealed, and in lieu thereof we have a provision which says: "If any person not holding such a permit, by himself, his clerk, servant or agent, shall for

himself or any person else, directly or indirectly, or on any pretense, or by any device, sell \* \* \* any intoxicating liquor," then a penalty attaches. This does not say that a penalty attaches for selling for culinary, sacramental or mechanical purposes without a permit. But the penalty attaches to "any person" selling for any purpose unless he has the permit.

The question in construing a statute is what was the legislative intent. By section 14 of the recent statute, a penalty is to be inflicted upon any express or railroad company that ships liquors unless the consignee furnishes such company with a certificate from the county auditor, to the effect that the consignee has the right to sell the shipment.

Now, if a registered pharmacist can sell liquor without a permit, why require the railroad companies to have a certificate from the county auditor? What means has the auditor for knowing who are registered pharmacists?

He might go to the drug store and see the certificate from the State Pharmacy Board. But then he would not know but that it has been revoked.

Then he would have to write to the Secretary of the State Pharmacy Board to learn as to that fact. Now the Legislature never intended he should do that. I now cannot call to mind a single instance where any officer is called upon to certify to any fact not within his own knowledge or not of record in his own office.

Not only so but the statute in this same section (14) further recites as follows: "*Provided further*, That it shall be the duty of the several county auditors of this State to issue the certificates herein contemplated to any person having such permit, and the certificate so issued shall be truly dated where issued, and shall specify the date at which the authority or permit expires as shown by the county records."

This shows that the county auditor, who is the clerk of the board of supervisors, shall give the consignee of liquor shipments the certificate to authorize the railroad company to make the shipments, and that he shall make the certificate from what appears on record in his own office.

There are other recitals in this statute, that indicate that no exception is to be made to the druggist who sells for medicines, rather than to the druggist who sells for culinary, sacramental or mechanical purposes.

Then the last section of this statute of the Twentieth General Assembly expressly repeals all prior conflicting statutes.

Respectfully submitted,

SMITH MCPHERSON,  
Attorney-General.

Times-Republican, editorial June 12, 1884, says:

#### DRUGGIST'S PERMITS.

Under the late opinion of the Attorney-General, printed in full elsewhere, another phase of the liquor question is thrown into the field for discussion—one that it was thought upon all sides was practically settled by the conclusions of the State Commissioners of Pharmacy and by the action of the recent State convention of druggists. The druggists had concluded that



they were under the old pharmacy act, subject to the penalties of the bill passed by the last Legislature. The pharmacy act did not require them to secure permits from boards of supervisors.

The Attorney-General holds that they are required to secure such permits, involving all of the conditions to which they so strenuously object. As a consequence, the druggists of Marshalltown say that after July 4th they will not handle or sell intoxicants of any kind, not fill prescriptions where they are used, nor use them in the dispensary. They say, also, that in their opinion the druggists of the State will adopt the same course.

They claim that the law throws upon them responsibilities which no man can accept, with no safeguards against the impositions that under it can be practiced upon them. If they fully decide upon this course, and it is followed generally throughout the State, we are thrown face to face with the question, can alcohol be dispensed with for all purposes—medical, culinary and mechanical. There is no other provision in the law to supply the demands of the physician, the mechanic and the artisan. Railroads and express companies are prohibited under heavy penalty from bringing alcohol into the State, except to parties properly certified to by county auditors, and county auditors receive their authority to issue certificates only through boards of supervisors, and the latter only have authority to grant permission when the applicant has complied with all the law in asking for a permit to sell. The absolute prohibition of alcohol, as would follow such a course on the part of the druggists, would necessitate a revolution, the immensity of which can scarcely be realized. That it could take place all over the State at a given hour, even if it were scientifically and professionally a possibility, without utter demoralization, is not to be expected. That phase of the question is too broad for non-professional discussion, but there is a practical question here that needs discussion and necessitates a hurried understanding of some sort.

Whatever may have been the abuses practiced under the name of druggist, no one disputes that as a class they are among the most honest, reliable and well-meaning of men. They are practically united in saying that they can not conduct their business under such a construction of the law. They are honest in this opinion, and they have reached it through the most honorable of motives and aided by experience in dealing with the subject in its practical operation. Yet their business must go on. What solution of the difficulty can be had until the next session of the Legislature is perplexing. It seems to necessitate either an open violation of the law as construed by the Attorney-General, or the placing of the business in the hands of disreputable and incompetent men who are willing to take the risks for the profits of liquor-selling, and it is from this very class that the law seeks to protect the public. The advice of the Commissioners of Pharmacy will be looked forward to with anxiety. As the authoritative head of the profession, they will be expected to solve the conundrum.

The Burlington Hawkeye commenting on same says:

#### PROHIBITION AND THE DRUGGISTS.

The complications resulting from the enforcement act adopted by the Twentieth General Assembly in aid of the prohibitory law have begun to manifest themselves, but it is only a beginning. It begins to appear that the law as construed by the law department of the State is so severe as to interfere with some transactions, with which it certainly was never intended to conflict. The druggists find themselves surrounded by complications and restrictions, which, to some of them at least, appear so serious as to require a new departure in the pharmaceutical department, which will appear to many people as unnecessary and unwarranted. It appears that the druggists of Marshalltown have recently, after due deliberation, unanimously decided that on and after July 4, next, they will neither keep nor sell intoxicating liquors of any kind for any purpose whatever. This includes the use of liquors in filling prescriptions. The Marshall Times-Republican says:

"This action of the druggists is taken after mature deliberation and because of the firm and honest conviction that no man or druggist, under existing laws as interpreted by the Attorney-General, can comply with their requirements; and because, in attempting to comply with them, he would become the innocent victim of the law's severe penalties in an hundred and one ways from which he would have no protection—misrepresentation by purchaser, perjury by scamps, and on account of often having no means of discriminating between the honest and dishonest purchaser."

There are many who will jump to the conclusion that the druggists of Marshalltown are overscrupulous in the matter and are borrowing unnecessary trouble and imposing upon the public unnecessary inconvenience, and in some cases, perhaps, positive danger. The value, the necessity, indeed, of alcohol in many medicinal preparations is stoutly maintained by the great body of practicing physicians, and while a school has lately arisen which professes to regard its use as not absolutely necessary, and which claims to have found available substitutes for it in most cases, there are few physicians which do not use it in their prescriptions, and deem it essential in many extreme cases.

But while this is all so, and long custom, and the recognized principles of oldest and most generally accepted schools of medicine habitually and systematically require the presence of alcohol in many cases, judgment must not be too hastily or too captiously passed upon the druggists. The phraseology of the law is very particular and its application as foreshadowed by the law department is very exacting. Prudent men who desire to avoid the imputation of being law breakers, and to avoid the reputation of opposing or evading the law may well hesitate before placing themselves technically in the position of violators of a law about which so much has been threatened. Beyond the preservation of their reputation, which is of more consequence to the reputable druggists of the State, there remains the pecuniary penalties of the law, which are far from trifling. The druggists, who prefer



to have some one else furnish a test case, and who therefore conclude to stand aside until the statute is construed, may prove to be overscrupulous when the courts shall pass upon the questions involved, but they have no means of knowing until then whether they are or not.

This test case was finally made in the Supreme Court, June, 1885, by the association employing attorneys to *intervene* in the case of *State vs. Bissel & Lehan*. It is confidently expected that the Supreme Court will render a decision in the September term, 1885, or at latest, at the December, 1885, term at Des Moines, which will settle this conflict of opinion.

PRESIDENT MC BRIDE'S ADDRESS

To the State Pharmaceutical Association, at Council Bluffs, May 12, 1885:

*Gentlemen of the Iowa State Pharmaceutical Association:*

We have met, after the lapse of almost a year, to consult together in regard to the best interests of our association. Two years since, we met on the banks of the great river on our eastern shore; now we meet among the beautiful bluffs of the great river on our western slope. I am sure we all enjoy meeting in this old frontier town of Iowa, so aptly named; so full of border stories and rich in its historical reminiscences, dating back to the beginning of the century. Those beautiful bluffs, of graceful outline and sylvan dells with shady retreats, were but a few decades since the stronghold of the savage Indian. Now they are fit for the abode of the muses, and cherish all arts and sciences and learning. The juggler, savage and nude, dealing in incantations and charms, the only representative of the healing art, has passed away; a few dim legends are all that remain of his history. And now another chapter in the history is being written by another race, with other means and other motives. To ameliorate and cure the ills incident to human life, investigation and science have taken the place of charms and witchcraft. Let every one see to it that he does his part well, so that when the chapter is written, the events will prove that we have been striving, with all good humanity, to better the condition of our race, not only physically, but in elevating mankind mentally and morally as well.

Let us now, like the careful sailor, who, having been storm-tossed for a season, takes an observation to ascertain where he is, what progress he has made, and whither away he is to sail.

We have passed through a year of unusual excitement and turbulence to the people, and a year of uncertainty and dissatisfaction to the pharmacists, arising from certain features of the pharmacy law not well understood. Let us briefly review the situation.

The permit law was enacted in 1873. It was not only an exacting and

burdensome law to the druggist, but demoralizing as well. It gave any one the privilege of engaging in the drug business, no matter how ignorant of all its fundamental principles, and whose ulterior views may have been only to make it a shield to engage in the disreputable business of selling liquor, thereby disgracing and bringing odium on the avocation.

The law was no doubt intended to restrict the traffic in liquor, but it in fact prostituted the business of the druggist to the very purpose it intended to prevent.

The first pharmacy law enacted by the Legislature in 1880 was originated by our first worthy President, who deserves more credit for it than I am capable of expressing. This law was quite satisfactory to the pharmacists, although it gave them very little latitude in selling liquor—in fact, it was a very small platform for a liquor seller to stand on. It permitted him to sell it only as a medicine and for the necessities of medicines. If he violated the law he was subject to indictment, and for repeated violations his permit was canceled and his business closed up. This was the law and the practice, as was exemplified by the Commissioners of Pharmacy and the courts. This law was generally observed by the pharmacists, not only in the letter but in spirit, consequently but few indictments were found against them. It was also satisfactory to the people. Of course there were some infractions, but it was anticipated that it would be so amended as to more readily detect violators of it. Great was the chagrin and indignation of the pharmacists when they learned that the Legislature of 1882 had repealed a section of it and re-enacted the old odious permit system. But afterward they took fresh courage again when they learned that the Governor, whether through lucky accident or wise neglect, had failed to sign the bill, and that the law was unchanged. Afterward the Legislature of 1883-84 made another effort to repeal a section of the law and re-establish the permit system. This was done by a hasty and stealthy action very near the close of the term, when neither time nor opportunity was given for discussion, and, as subsequent events proved, not even its own friends well understood its effects and intents.

This substitution, like the one of 1882, was to take effect on the 4th of July, 1884. In a little while it was generally known that many good jurists and legislators had grave doubts of the validity of the law.

It was during this period of anxiety, of uncertainty and fear, that the fifth annual meeting of the Pharmaceutical Association occurred in Marshalltown, on the 27th of May.

Mr. Schafer, on behalf of the State Board of Pharmacy, had written to the Attorney-General of the State, the Hon. Smith McPherson, on the 19th of May, for his judicial opinion of the present status of the pharmacy law. This opinion, so anxiously looked for by the association, did not come.

It was desirable that the association should take some formal action on the opinion, and if possible that they should act as a unit. The Commissioners of Pharmacy who had closely investigated the whole law with all its amendments, then through Mr. Schafer gave their opinion, in substance, as follows: That the irregular action of the Nineteenth General Assembly is



null and void, and that the druggists of Iowa are still acting under the old pharmacy law, subject to the penalties of the "penalty bill" of the Twentieth General Assembly, which is also interpreted to in no wise conflict with the operation of the old law of 1880. The opinion seemed in keeping with our ideas of justice and common sense. The association soon thereafter adjourned, and its members went to their homes in a hopeful state of mind.

The able daily papers of our city, in commenting on the opinion of the Commissioners of Pharmacy, said as follows:

"The pharmacists of Iowa, in convention assembled last night, reached an interpretation of the liquor laws, as they relate to their business, that seemed to be entirely satisfactory to them, and their verdict, carefully prepared as it is, must be and will be regarded as a weighty one."

"Without considering the legal questions involved, and taking the action of the association as final, many of the perplexities of the liquor question, as it appears in the light of the law that will take effect July 4, are done away with. The members of the association, and presumably all druggists of the State, will therefore proceed after July 4 as acting under the old law, holding themselves amenable to the vigorous penalties adopted by the last Legislature for violation of that law, which are certainly severe enough and applicable enough if enforced, to compel the strictest obedience to the spirit of prohibition, without inflicting on an honorable profession the humiliation sought to be imposed, whether intentionally so or not, by subsequent legislation, which the association declares to be legally defective and not binding."

This was the wish and sentiments of the leading newspaper of our city, as it was of a majority of newspapers throughout the State, as it was also of a large majority of the citizens.

The association had adjourned scarcely a week before the Attorney General found time to formulate his reply to the interrogatories of the Commissioners of Pharmacy. It was in effect that druggists are required to take out county permits—the old county permit system re-established, with more rigorous penalties for violations—heavy forfeiture bonds, a large bonus offered to informers—requirements too odious to expect any American citizen to comply with. To comply with the law was like standing in the pillory. The spirit of the law seemed to say, comply if you dare, but you will find it moral torture to do so. The law seems to be made for criminals, and if you become its agent you may expect to suffer the consequences, without sympathy or aid. Such a cold-blooded inquisitorial law could only spring from the spirit of the middle ages.

If the Attorney-General's interpretation had been given while the association was in session, they would have taken action and agreed on some certain course of conduct. But they were now scattered all over the State, and each one had to determine for himself what his course of action should be. The question to each one was: "Will you comply with the requirements of the law, or will you ignore it?" The spontaneous unanimity of sentiment of the 2,000 druggists of Iowa was a sublime spectacle. They said: We will not abjectly submit to such servile laws; we will preserve

our self-respect! Not twenty pharmacists at this time in the broad State of Iowa asked for county permits. If this had been resolved in convention it would not have been so remarkable; but each man instinctively viewed the case as all the others did. They resolved there should be no infraction of the law; that they would ignore it, and that they would not sell liquors for any purpose.

Now let us see what the action of the people was. As the Fourth of July began to approach, it would seem everybody began to think it incumbent on himself to lay in a supply of liquors. As the time neared, the scenes seemed ludicrous and farcical beyond description—every family ordered from breweries, wholesale liquor stores, drug stores and saloons what liquors they thought they should need for a long time. Temperance people formed no exception to the rule. A furor to have some of the needful stored away in the cellar seemed to seize all alike. Never in the history of the State of Iowa was so much liquor bought and sold, aye, and drank, too, in so short a space of time. This anomalous carnival extended all over the State, and demonstrated what all druggists had known before, that nine-tenths of the families in the land used liquors more or less.

The 4th of July came, and prohibition was effected. No druggist sold an ounce, not even on prescriptions, nor for the necessities of medicine, except, perhaps, in a few of the larger towns.

It was not very long till a change came over the views of the prohibitionists. Liquor is a very bad thing, as all know, if improperly used, but it is sometimes, indeed, very often necessary, and what are the people going to do about it? They had obtained more than was asked. Restriction was a desirable attainment, but total prohibition was too much of a good thing! Here let me quote from a pronounced and prominent temperance paper of Marshalltown, it says: "Several days have passed since total prohibition of the sale of all intoxicating liquors went into effect, and so far the law has been respected in this city. \* \* \* \* It now appears the law will be generally respected throughout the State, (he should have said ignored) nor there is no one who loves life and liberty who cares to incur the dreadful penalties for violation, which any court must enforce, willing or unwilling. The only apparent hardship that its enforcement now presents, is the action of the druggists, who, with the penalties staring them in the face, and the bribe held out to conscienceless informer, together with the unreasonable bonds required of them, have concluded, as a matter of prudence, to avoid the probable danger. As liquor for medical purposes seems indispensable, the conundrum of how to obtain it, even on physicians' prescriptions, is to be solved. How we are unable to say, but it would appear as the most reasonable and safe way to proceed, would be for the temperance people to unite on some one who would conscientiously live up to the law, and ask the county supervisors to grant him a permit under the law and agree to protect him in all his legal acts of dispensing it. (The mountains labored, and a little brat was born, a monster so hideous that none dare touch it!) Some one must keep liquor and we will then have it so kept under the protection of law and a purpose to set down on all informers. Of all class of



men in the world, the most despised and contemptible of human beings is the spy and informer. The hatred is world-wide, and it matters not how good or glorious the cause in which he is engaged, he cannot be relieved of the odium that attaches to the spy and informer. That descends from generation to generation. The career of the traitor, Benedict Arnold, and the spy Andre fully demonstrates this. We trust our good people will look after this matter early so that no odium may attach to so beneficent and wise a law as the present prohibitory one."

This long quotation is from a veteran journalist, a man of distinction and acknowledged talent. It is as severe an arraignment of the law as could be written by its greatest opponent. Some of the expressions sound like irony. Mark this one, "protect from the law!" Laws are calculated to protect the people, but here is a law so cruel that its instruments need to have placed around them a body guard of temperance friends to protect them from its cruelties. This body guard in effect says we will not let the law and its informers harm you, but we will hedge you around and shield you from its dreadful penalties. This "wise and beneficent law," it is readily conceded, creates the spy and informer. Is the law itself that makes the spy and informer any less odious than they? Acting on the happy thought of this veteran journalist, temperance people in several towns began to circulate petitions praying that one of their number be appointed to sell liquors under the law. But the ridicule heaped so heavily on them soon squelched it completely. Verily, extremes do meet when temperance men seek to sell whisky! Matters run along this way for two months, when Judge McHenry, of Des Moines, gave as his opinion that the pharmacy law of 1880 had never been repealed, and instructed his grand juries not to indict druggists selling liquors in accordance with that law. Senator Bills also published, in what was regarded as a very able paper, a very similar opinion. Senator Sutton also declared that the Legislature never intended to repeal the old pharmacy law, and if they had so repealed it unwittingly that the next Assembly would re-enact it. The decision rendered by Judge Labour, in the Weaver & Maish liquor case, was in keeping with that of Judge McHenry. He decided that the pharmacy law had not been repealed by the acts of the Twentieth General Assembly, and that it was not necessary for a registered pharmacist to hold a permit in order to sell liquor for medicinal purposes. He therefore ordered all the liquors that had been seized to be returned. All this agrees with the opinion given by Mr. Schafer, in Marshalltown, at the beginning of the controversy.

The pharmacists now began to lose [faith in the opinion of Hon. Smith McPherson, for they remembered in his opinion given June 6, he said: "May 23, 1882, I said to you that I believed the act of 1882 was a valid law. In August, 1882, I gave in an opinion to you that I adhered to my former opinion, but with grave doubts. Since then a majority of the district judges of the State, before whom the question has been presented, have decided it not to be a law.

"I believe a majority of the better lawyers of the State think it is not a law. The General Assembly at the late session, by legislative construction,

have likewise so concluded; so that it seems the very decided weight of opinion to so construe it. And my own doubts have been increasing, until now I have but little doubt that it is not a law. In addition to all this the druggists of the State, in recent convention assembled, by an unanimous vote decided that it was not a law. So virtually there is no conflicting opinion on the subject." Then he admits that he had been wrong in his opinion, and had stuck to it tenaciously until a majority of the district judges, a majority of the best lawyers, the General Assembly, and all the druggists of the State, held to the different opinion, then he joined the crowd and permitted his opinion to blend with theirs. So the druggists began to indulge in the hope that when they again get the majority on their side they will have the able support of the Hon. Smith McPherson.

The law seemed to be a chaos of ill-defined thoughts, and its interpretations, as we have seen, were diverse and conflicting, both by jurists and legislators. The minds of pharmacists were bewildered, and uncertain as to their duty and privileges. So some of them again dispensed liquors as they had done under the pharmacy act of 1880. Others would not dispense it for any purpose. A few applied for county permits. In one county, if not others, the supervisors refused to grant any permits whatever; in other counties they would grant one in a town. It has been said in one county they granted permits to saloon-keepers. One druggist having no permit, advertised in a daily paper that he was selling liquors for medicines, and he had some brands that he thought would satisfy the most fastidious taste.

Many pharmacists wrote letters of inquiry as to what action the druggists of Marshalltown had taken, and how the druggists generally were acting under the law? The law seemed like a crazy medley, a terror to some and a source of annoyance to all. No one was satisfied with it, many were confused and some were confounded by it. In some localities anarchy seemed on the point of usurping law and order. The people soon learned to disregard such mockery of law, and demoralization was sown broadcast over the land. Quite recently, in some localities, a number have taken out permits to protect their stock from seizure—driven to it to save themselves from loss.

But one of the gravest questions was how shall the pharmacist procure alcohol, which enters so largely into his compounds, and is wholly indispensable in manufacturing many pharmaceutical preparations? And here the law in some places served to defeat its own end. In some counties the supervisors refused county permits, and in other places only granted one, thus the law virtually prohibited drug business. Finally the Gordian knot was cut in an easy and fortunate way. A druggist of Marengo procured from his county auditor a certificate that he was a registered pharmacist, and as such is authorized to buy and sell intoxicating liquors for medical purposes. The railroad companies recognized the validity of the certificates and shipped liquors as formerly. The name of this Moses of pharmacists, was E. C. Alverson, of Marengo, to whom is due our profound gratitude for his acute perceptions.

The better class of druggists desire to handle liquors only as medicines,



and for use in the laboratory and its arts. They are practical temperance men almost universally, and they understand the temperance question in all its bearings, morally, ethically, practically and politically. They have the good of the community at heart as much as any other class of citizens. Two years ago in their association at Davenport they expressed their sentiments in a resolution adopted almost unanimously, in which they stated that "many incompetent and otherwise disreputable persons have engaged in the drug business with the chief intention of selling liquors under the guise of and shielded by law; therefore, in order to eliminate as far as possible any feature of the saloon from the drug business, we give as our opinion that the true interests of the people of our State will best be subserved by the enactment of a well-regulated restrictive license law for the liquor trade, and the further perfection of the pharmacy law relating to the same." Thus the association defined their position and showed clearly that they were not catering for the liquor traffic. They want a strict and practical law, and desire to see it enforced. They wish to see the sordid and mercenary druggist who makes a cloak of his business to enable him to sell liquors driven from the profession. They are disposed to work earnestly for its respectability and honor, and will do all in their power to foster a true temperance sentiment in the community. From education and training they are eminently qualified to do good and honest work as practical temperance men.

Many usages in society are desirable, but are now impracticable. Many vices should be abated, but it is the slow work of time to do it. Temperance, like its sister, religion, is attained by slow and patient cultivation; it has to grow. Sudden revolutions in the habits of a people are apt to result in disaster, as cataclysms in nature are alike destructive and subversive. The steady growth of morals is highly beneficent, but a tidal wave of reform is attended with fearful disasters.

Gentlemen, to place ourselves right before the community, we have much work to do. We must elevate our standard in moral excellence, and eliminate from our profession the indiscriminate sale of intoxicating liquors. The sale of liquors is the "skeleton in our closet," and like the ghost of Macbeth, it will not down. We must put it down. To do this we will need all the moral and political aid we can muster; we will not screen any druggist from censure who prostitutes his high and intellectual calling to any base and mercenary purpose; neither will we excuse the ignorance or incapacity of any pharmacist who seeks to be a vender of medicines and is ignorant of all the fundamental principles of the profession.

One of the prime objects of this association, is to elevate, and in every way make more worthy of public confidence its members by scientific and professional advancement.

Those who are only sordid in their motives and seek to increase their gains by illegal and disreputable means, are the ones that surely will be weeded out sooner or later. The time is rapidly approaching when our profession will require men of superior attainments, both morally and intellectually, and of superior adaptation to business. A little clipping from some drug journal expresses this settlement so aptly that I give the quotation entire:

"A time must come when each pharmacist is able to test the chemicals he buys, and is able to judge of the identity and purity of all materials he uses, and he should know pharmacognosy so that he recognizes drugs not merely by their labels, but by their physical characteristics, their coarse and microscopical structure, and their chemical behavior. As the study of pharmacognosy is impossible without the previous study of botany and microscopy, these latter studies become essential studies for every pharmacist who aims for the front rank in his calling. In short, the ideal pharmacist must be a chemist, botanist, microscopist, and pharmacognocist, endowed with an honest determination to do right, and on these fundamental qualifications he will be able to build a reputation as a pharmacist that will place him equal in rank with the best of any scientific profession, and when the rank and file of the profession shall approach the ideal, our profession will be honorable and honored far beyond what it is now."

I submit that a more vigorous and watchful attention on the part of our legislative committee, and possibly an enlarged committee may be necessary. More than two thousand druggists and the whole people of Iowa indirectly, are interested in the labors of this committee and in the protecting care which this association must, if consistent, accord the pharmacy law. The druggists when properly organized and acting as a unit, and demanding nothing more than their reasonable rights, ought certainly to be treated with common politeness. We will ask for nothing but that which is reasonable and just to ourselves as well as to the commonwealth; but we will ask that with an emphasis that will demand some measure of respect. Self-preservation is the first law of nature, and it is our instinctive right to act on that common law and protect our profession in all that is honorable and just—more than that we do not ask—less than this we will not submit to without determined resistance. If my recommendation meets with your approval, a properly constituted committee can be appointed, who can formulate easy rules of action, that can regulate the pharmacists of the State as a political unit. I do not mean that we will necessarily become partisan politicians, but such additional members of the legislative committee can be named as in the wisdom of the association may seem proper. Thus we can more surely defend those higher rights, which belong to American citizens. If our legislators will give us a law that does not debase us as a class and does not require a special body guard to protect us from its penalties, then we will thank them and help them execute it.

It is a source of great satisfaction to me, to announce to you that the Board of Regents of the Iowa State University have organized a school of pharmacy, and made it a department of the State University. For this timely and thoughtful movement, and one so pregnant of future good things to the practical pharmacists of Iowa, we are under a debt of obligation to Messrs. Harrison, Boerner and Schafer, as the prime movers in the cause. A full and efficient faculty has been appointed, from the very best talent, and the school will be able to take a high position from the start. Our government is the kindly fostering parent of education. She gives every child of the commonwealth a chance for a good common school edu-



cation; every farmer's son an opportunity to study agricultural science. She has a department in the State University where all the intricacies of law are taught; another where all the lore of medical instruction is given; now, thanks to the intelligent and liberal regents, a department has been created, where practical and scientific pharmacy is taught. The opportunity for giving instruction in chemistry and botany will be greatly enhanced from having free access to the chemical laboratory and the botanical collection of the University; and materia medica and practical pharmacy can be taught here as advantageously as at any eastern school. This will give every drug apprentice of the State a good opportunity to take a full and systematic course of studies, and graduate in his profession. Every pharmacist of the State should be proud of this school, and give it his patronage and encouragement.

The executive committee in consultation with several of the leading pharmacists of the association, determined to introduce into the courts a case to test the validity of the prohibition act of the last Legislature. Very liberal and prompt responses were made to carry on the case. Those liberal men that are wide awake and full of zeal, that always lead the van, are deserving of the hearty thanks of this association for their words of encouragement and timely pecuniary aid. The chairman of the executive committee will give you a full report of their work, and the reasons why the case was for a time abandoned.

I would like to impress on the minds of the executive committee, and the permanent secretary, the necessity of an early publication of the proceedings of the association. After a certain time, the interest in the annual meetings begins to wane, and so continues to decrease in interest until the proceedings are published. If the proceedings do not appear till the eleventh hour, all interest in the affairs of the association is well nigh lost, and committeemen and others have no data to go by in discharging their duties, and in preparing for the next meeting. The proceedings should be distributed by the end of the third month, certainly not later than the fourth. In this connection, members should recollect that if they desire to see the proceedings out promptly, a good deal depends on prompt payment of their dues. Money is the great motive power, and a very efficient promoter of prompt action. So let each member be prompt in paying the pittance of his dollar.

In regard to our financial business, there should be a radical change in the manner of collecting the dues; it should be done on strictly business principles. When it is necessary to give a member notice that a sum is due the association, let such notice specify that if not paid in thirty days the secretary will draw on him through the bank with exchange. Dues to the association have heretofore been considered somewhat optional; the member intending to pay sometime soon, or when convenient. Now, this is not business, and will not do. We must regard our debt to the association the same as any commercial debt, and pay it just as promptly.

I will suggest the propriety of the association holding its future meetings at Des Moines. Being centrally located, and more easy of access from all

parts of the State, the meetings would have a better attendance. It is better the association should not consider itself a guest, and the local druggists as hosts; but let it go to the most practical place, make its own arrangements through its proper officers, and pay its own bills.

With regard to the exhibits made by manufacturers and dealers, we are always pleased to give them all possible encouragement, as they cater to many of our wants in trade and are useful to us in many ways, we are always pleased to have them with us. So they should always remember if they desire to display their goods, they will find that our officers and members will give them all the aid and encouragement they can ask consistently with their duties to the association.

Our secretary deserves great credit for the printed form of organization for county societies, which he had published and distributed with the proceedings. His remarks in connection therewith are pointed and forcible, felicitous in style, and ought to impress every one with the truths expressed. There ought to be a pharmaceutical association in every county in the State. The great element of success in an association of this kind is organization. If organization is well kept up, success is certain. It greatly facilitates business and lessens expenses. It is much easier to communicate with a county organization than with each of the members thereof. The next few weeks ought to be devoted to the perfection of our organization.

Gentlemen, it now falls to my lot to discharge one of the saddest duties of life. To speak of the death of a brother pharmacist, a dear, departed friend; not only a dear, good friend, but a partner in business for nearly fourteen years. Geo. Will is dead. He died on the 19th of March, aged 41 years. All of you knew him by reputation, many of you knew him personally. To know George Will well was to respect and love him. He had troops of friends, but not an enemy. He was kind, genial, generous, warm-hearted and companionable. He was unselfish and modest in his advances, preferring to shove his friends forward to occupy places of honor, rather than take such positions himself. He had good business qualities, was a good and conscientious druggist and an honest man. It was of such a man that Horace wrote more than two thousand years ago that immortal line, "Integer vitæ scelerisque purus"—a man of pure life and free from crime. And now when you join me in saying that saddest word in all the book of time, I believe your hearts in sympathy with my own are full of sorrow. Farewell, good friend, kind heart, pure soul, we have still left of thee the most pleasant and sacred remembrances.

It is sometimes a good thing to abandon a usage, to break a precedent. It has been the custom of this association to request of the retiring president his likeness, to have it inserted as a frontispiece in the proceedings. Is not this practice an unnecessary burden? Is it in reality the wish of the association? And had it not better be abandoned?

I cannot close without thanking the officers of this association, and very many of its members, for their many acts of kindness that I have repeatedly received from them. My correspondence has sometimes been almost burdensome; my position has often been trying, and my course of duty



somewhat doubtful. I have often availed myself of your advice, always with advantage and increased courage. I have tried to be the exponent of the better and more enlightened sentiment of this association.

I hope you will elect for my successor a strong man with a clear mind, that will do far more for the advancement of the interests of our association than I was capable of doing. I feel well assured that if we are true to ourselves in every good motive, and persistent in our fair and reasonable demands, we shall see our struggle for our rights crowned with success, and we will stand forth in public estimation, and before the law, the equals of all good citizens, the peers of any profession.

Gentlemen, when we meet again, after dinner, we will be ready for business. I wish to see you mass yourselves around the tables, crystallize in working groups close in front, bring your pencils and paper, think, write and speak, and be full of mental vigor, until all our duties at this convention are fully discharged.

As an official expression of the Iowa State Pharmaceutical Association we publish the following correspondence between the Woman's Christian Temperance Union and the Association :

CEDAR RAPIDS, May 11, 1885.

*Officers and Members of the Pharmaceutical Association of Iowa:*

GENTLEMEN—Once more the Woman's Christian Temperance Union of Iowa present to you their cordial greeting.

As wives and mothers, the object of your association is one of deep interest to us, and we sincerely wish you success in your efforts to bring the time when the dispenser of drugs shall be thoroughly educated in the knowledge of their power and uses, and trained to the utmost care and caution in their preparation and sale.

We would assure you of our sincere appreciation of your desire and efforts to remove from the legitimate business of the druggist the odium which has attached to it, because unprincipled men have used it as a cover for an illegitimate traffic in intoxicating beverages. The honorable and honest druggists can regret this fact no more than we who know—too many of whose boys have been ruined by the same class of would-be honorable soul and body destroyers, simply through the greed of gain.

We wish to thank every one of the many registered pharmacists who have so effectually aided in the enforcement of the prohibitory law, by themselves faithfully observing the conditions of the law, even while, as in some cases they have considered those conditions unreasonably severe.

We have been glad to note that since the law went into effect the prosecution of druggists for violations has not been much greater than before July, 1884, and this not because of the indifference of the people, but because of a purpose, as we believe, on the part of your association, that the laws should be obeyed. We know that a few have perhaps desired to render the law odious, but that result will not follow where fathers and mothers

are alive to the dangers of those they love better than life, and citizens fully understand the enormity of the evil caused by the use of intoxicating beverages. We sympathize with you in the severe restriction imposed upon your business, made necessary by the evils growing out of the ignorance and indifference of some, and the avarice and baseness of others, in the past, but in behalf of the homes blessed by the enforcement or cursed by the violation of the prohibition law, we would most earnestly entreat you as an association still to aid in its observance, to suffer the severity of its restrictions yourselves rather than cause heartaches of many a mother by the ruin of her best beloved through certain wicked violations of the law, by unprincipled men, with these restrictions removed. Continue willingly to give the public a guarantee of your faith by the bonds given by public inspection of recorded purchases and sales, visit punishment swift and sure upon men base enough to ruin our loved ones and dishonor their associates simply for the gains of an illegal traffic, and you may be assured of the grateful regard of the mothers of Iowa.

Gentlemen, you can do much for the peace and purity of our homes, the happiness of our hearts, the welfare of our children, by the honest, efficient efforts you can make for the thorough enforcement of the prohibitory law. May you be true to yourselves, your duty and the welfare of your fellow men, and the time will soon come when the business of a druggist will be as free from suspicion of an illegal traffic in intoxicants as is the business of the grocer or dry goods men. The matter is largely in your own hands, and every effort of yours to bring that time will meet with our hearty co-operation.

Very respectfully,

MARY J. ALDRICH,

*President of the W. C. T. U. of Iowa.*

S. V. MAXFIELD, *Cor. Sec'y.*

To this letter a committee appointed by the association reported the following reply:

IOWA STATE PHARMACEUTICAL ASSOCIATION, }  
COUNCIL BLUFFS, IOWA, May 13, 1885. }

*To Mrs. Mary J. Aldrich, President, and Mrs S. V. Maxfield, Corresponding Secretary W. C. T. U. of Iowa:*

RESPECTED MESDAMES—Your communication of the 11th inst. has been presented and read in open session, and received the courteous attention of this association.

The object and aims of our organization as set forth in the preamble to our constitution have been repeatedly and widely published, and we think should command the earnest endorsement and co-operation of every citizen and class of citizens of Iowa, whether they be for or against prohibition; nevertheless your expressions of commendation are pleasing to us, as such would be from any society of such reputable numbers. It must be known to you that one of the prime objects which moved the pharmacists of the



State to create this association was to secure the enactment of such wise laws as would improve, purify and render more efficient the practice of our profession. This in the interest of the whole people while elevating an honorable and useful calling. In the prosecution of this laudable aim we have, because of the intimate and inseparable connection of the sale and use of alcohol in its various forms with our business, been brought undesirably near to the great conflict in which the people of this commonwealth have been in so nearly equal numbers arrayed against each other and upon whose political questions even our own membership is divided. We believe that in working the reforms which we have undertaken in our own behalf, that, as an association, we have ample employment within the scope of our expressed aims, leaving our individual members to engage in public measures, including that which is near to you, as he may elect. You speak of guarantees of good faith. While you, no doubt, represent the sentiment of a large body of temperance people of the State, we may remark that the managers of your State political alliance, who pretend to represent the temperance element of the whole State, as the official executive committee on whom you rely for the enforcement of prohibitory laws, have shown no evidence of good faith that they care to attain the ends that you seek to accomplish, by any other means except as becometh themselves. We need not here state any further evidence of the truth of this declaration than to refer to the opposition shown by them during the past three years of controversial disputes, "doubtful substitutes" and so-called "repeals by implication."

But now the long record is made up and the reports are all in to show to the public that the true temper of the Temperance Alliance is against the pharmacy law as set forth by the following official threat:

"I may as well state here, for the information of all concerned, that it is the opinion of the attorneys and members of the Alliance that the pharmacy act is repealed, and any druggist found selling intoxicating liquors without a permit will be treated as in violation of law.

A. D. LITTLETON,  
*Sec'y Polk Co. Citizen's Alliance.*"

And the Alliance attorney's plea for not making an agreed case, shows we have exhausted all means of attaining a judicial determination of the assumption on the part of the aforesaid attorneys and members of the Alliance that the pharmacy act or any part of it is repealed, and only at this late date have our attorneys an opportunity to intervene a question of vital importance to every pharmacist and citizen of Iowa, in a case appealed to the Supreme Court, in which we have no direct interest, the appellant's certificate of registration having been revoked by the Commission of Pharmacy.

In view of these facts it would be of interest to the public to know whether the W. C. T. U. endorse sentiments so inconsistent with its expressed objects and antagonistic toward an honorable body of citizens who have for the past five years exemplified the principles of the pharmacy law by laboring most assiduously and without expense to the State to reform the

evils which the iniquitous permit law brought upon our profession. In 1880 section 8 of the pharmacy law—enacted as you know to protect an honorable profession from the odium caused by the sales of liquors by so-called druggists, under the permit system, ostensibly for legitimate purposes, by which system and the necessities of the sick, our profession was unavoidably allied to that of a liquor dealer. In advocating our cause before the members of the Legislature and elsewhere, we did not assume to meddle with the general question at issue, and made no claims as public temperance reformers. We however declared most emphatically for temperance reform within our own ranks, and secured the passage of the pharmacy law, which so far as it relates to the sale of liquors by druggists is to-day the most restrictive and practical temperance law in Iowa or any other State. We may be permitted to remark that when similar principles are adopted and rigidly applied to dealers in liquors for other legitimate purposes, the State will have taken the first forward step in a quarter of a century to make true temperance practicable, or prohibition possible. Your attention has been so absorbed with one phase of the drink question that you have never fully considered the intemperance, lying and perjury caused by this system, or you never have had the opportunity to know, but of late it would seem your eyes would be open to the flagrant use of the permit system by saloon-keepers using this legalized form of doing what prohibition says they shall not do. Knowing the respect that would be given to your reply we would ask you to state whether you can name a single contested case wherein the principles claimed for the pharmacy law were not sustained by the Supreme Court.

In conclusion, ladies, we have deemed it proper to utter these expressions, because, notwithstanding our plainly asserted position before the public, we have wittingly or unwittingly been repeatedly misrepresented and in the exercise of remarkable inconsistency antagonized and hindered in an enterprise which is in its fullest sense for the benefit of the entire public.

In behalf of the I. S. P. A. we are, with very sincere regard,

J. H. HARRISON,  
GEO. H. SCHAFER,  
A. M. BEARDSLEY,

*Committee.*

The Association unanimously adopted this report.

#### A FEW POINTS vs. PERMITS.

##### EVADING THE LIQUOR LAW.

ANGUS, July 9.—Special to the State Register.—I will give you the scheme that the Angus people have to get beer and whisky. In the first place they claim, and in fact I saw one of his permits, that R. R. Grotte has a permit from the board of supervisors of Polk county, to wholesale and retail spirituous and malt liquors. That he has an agent in this town, and I presume many other towns, to take orders for whisky or beer, as the case may be, for medical, culinary or mechanical purposes.



They may order any amount they may see fit to buy from a pint of whisky to a keg of beer. Now I would like to know if this thing can be run in that way? Does prohibition prohibit? Give us a few points in the case if you can.

#### MEDICAL BREWERIES.

ATLANTIC, IOWA, July 24 — Editor Register — DEAR SIR: To-day our county board of supervisors have granted a permit—or license—to a large brewery just outside the corporate limits of our city, to manufacture beer for *medical* purposes. Who ever heard of a brewery being run in the interest of the health of any community! As our people are very justly indignant at such an outrage, won't you please tell us through the columns of the Daily Register where they can find legal authority for such an outrage (and such a lie)? If they can legally do so, then what worse than folly to spend so much time and hard labor and money to get a prohibitory law that don't prohibit at all? Not only every county but every township can have its brewery and beer can flow as a mighty river unmolested. A few years ago when license was voted down in our city, this same *medical* brewery and adjoining beer garden were places where scenes were enacted that were a burning shame and disgrace to any civilized community. Sabbath desecration, mock prayer meetings, drunkenness, fighting and shooting and general debauchery. Must we endure this again, and is there no remedy?

EARNEST INQUIRER.

The board of supervisors at Clinton, Iowa, has granted to a brewer of De Witt a permit to sell liquors under the State law, against the protests of the clergy.—Davenport Gazette, July 28th.

#### A PROHIBITIONIST ON PERMITS.

August 22.—Ed. Register: Will you permit an old temperance worker to give a few thoughts on the present condition of temperance work in our city? Every good citizen should be a law-abiding man, as there is no safety to the people without obedience to the law. And yet great injustice is practiced upon the people now in the name of law in this city. While the saloon keepers are deprived of the right to sell beer and wine, the board of supervisors seem determined to outrage every moral principle by granting permits to sell whisky. It is true they say it is for medicine, but the result is there must be a fearful amount of sickness, and the powers that be should look more carefully after the health of the people. I have nothing but contempt for the parties who issued the circular you criticised inviting people to rebellion; still we must confess if this permit business is to go on, and be abused as it is now, it will become worse than the saloon traffic. If the board of supervisors are to violate the law and their oaths by granting unnecessary permits, it is time the people were aroused to see that they do not thus outrage the public sentiment of the city. This city gave 1,200 majority for prohibition, and it is no more than fair that prohibition be enforced and

have a proper trial; but it cannot be done if this permit business is to go on, for the saloon-keepers will have just reason to complain of its unfairness.

PROHIBITIONIST.

We ask particular attention to the following important decision of the Supreme Court:

#### HILDRETH VS. CRAWFORD ET AL., COMMISSIONERS OF PHARMACY, ETC.

There seems to be a great misapprehension with many regarding the efficiency of the pharmacy law, and the work that is being done by the State Commission appointed under its provisions. Their work is being done quietly, but none the less effectively, and they have already rendered good service to their profession and the State. In the matter of the sale of intoxicating liquors, they have no jurisdiction except as to their being sold for medicinal purposes, but within that province they are working a great benefit to the cause of temperance by the conviction of pharmacists who have been prostituting their profession and converting their stores into saloons. The Supreme Court of this State rendered a decision in their favor at their September term in Council Bluffs, which fully establishes the constitutionality of the pharmacy law and gives them a strong and clear cut decision upon which to base their future action. The case in question is that of Isaac F. Hildreth, a druggist of Leon, who was convicted by the Commission of the illegal sale of intoxicating liquors, and whose certificate as a pharmacist they revoked in consequence. The case was carried to the courts who sustained the Commission, thence to the Supreme Court where the lower court is sustained. All the time the case has been pending, Hildreth has been doing business in direct violation of the law, his certificate being revoked, and Judge Harvey has kept fining him for each violation until his fines amount to a considerable sum, enough to deter him from continuing in the business. The following is

#### THE DECISION.

7818. In the Supreme Court, Council Bluffs, September 1, 1884. 11057. *Isaac F. Hildreth, appellant, vs. R. W. Crawford et al.*, Commissioners of Pharmacy, etc. Appeal from Polk Circuit Court.

Certiorari to review the action of defendants, who are the Commissioners of Pharmacy, in striking plaintiff's name from the pharmacy register, revoking his certificate as a pharmacist. Before the final hearing the circuit



court dismissed plaintiff's petition and affirmed the action of the Commissioners. Plaintiff appeals.

BECK, J.—I. The abstract before us shows that the defendants, acting as the Commissioners of Pharmacy of the State, upon the record of the conviction of plaintiff upon an indictment for maintaining a nuisance by keeping a place for the sale of intoxicating liquors contrary to law, and by selling intoxicating liquors therein in violation of law, did strike his name from the register of pharmacists and revoke the certificate issued authorizing him to practice as a pharmacist. The plaintiff in his petition complains of the want of authority of the defendants, and of certain alleged illegal acts in the proceeding and judgment in question. The defendants made full return of their doings in the case. The proceedings in the cause and plaintiff's objection thereto need not be here more particularly referred to. They will be stated so far as may be necessary in the consideration and discussion of the various grounds of objection urged in this court by plaintiff's counsel to the judgment of the circuit court. But that these proceedings and plaintiff's objection thereto may be understood, it is necessary to set out here, with proper fullness, the statute under which the proceedings were had, viz.: Chapter 75, Acts of the Eighteenth General Assembly.

The statute is entitled, "An act to regulate the practice of pharmacy, and the sale of medicines and poisons." Sections 1 and 2 forbid anyone, not a registered pharmacist, to conduct any drug store or apothecary shop, etc., or compound and dispense prescriptions of physicians, or to retail or dispense poison for medical use, except under the supervision of a registered pharmacist. Penalties are provided for the violation of these sections.

Section 3 provides for the appointment by the Governor of three Commissioners of Pharmacy, who are authorized "to make by-laws and necessary regulations for the fulfillment of their duties under the act."

Section 4 and 5 provide for the registry of the names of all persons to whom the Commissioners grant certificates. Persons in the business when the law took effect, it is provided, should be registered without examination, others upon examination. This section contains provisions as to the manner of examination, and other matters that need not be here more particularly referred to.

Section 6 relates to fees and other matters not involved in the questions brought to our attention by this case.

Section 7 declares that registered pharmacists shall be responsible for the quality of the drugs and medicines they may sell and dispense, and provides penalties for the sale of adulterated articles, and for the striking of the name of the offenders from the register.

Section 8 is in the following language: "Apothecaries registered as herein provided, shall have the right to keep and sell, under such restriction as herein provided, all medicines and poisons authorized by the National American or United States Dispensatory and Pharmacopeia as of recognized medicinal utility; *provided*, that nothing herein contained shall be construed so as to shield an apothecary or pharmacist who violates or in any wise abuses this trust for the legitimate and actual necessities of medicine,

from the utmost rigor of the law relating to the sale of intoxicating liquors, and in addition thereto his name shall be stricken from the register."

Section 9 declares that it shall be unlawful for any person to retail any of the poisons enumerated except as therein prescribed. The last sentence of the section is as follows: "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 violation 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."

Section 10 provides for licensing itinerant venders of drugs, nostrums, etc.

Section 11 provides penalties for procuring or attempting to procure registration by false representation, and for conducting the business of selling drugs and medicines without registration.

Section 12 declares that the act shall not apply to physicians putting up their own prescriptions.

The plaintiff was convicted upon an indictment which is in the following language: "The said I. F. Hildreth on the first day of July, A. D. 1880, in the county aforesaid, and daily thereafter up to the finding of this indictment, did unlawfully keep, own, control, continue, establish and manage a building in Leon, Iowa, for the purpose and intent of keeping and selling therein in the State of Iowa, intoxicating liquors in violation of law, and at the said time and place, and in said building, the said defendant did keep and sell, in the State of Iowa, intoxicating liquors in violation of law."

II. Counsel for plaintiff insists that the offense for which he was convicted is not contemplated by the statute as a ground for the revocation of the certificate of a registered pharmacist, as we understood counsel, for this reason the defendant had no jurisdiction of the case.

The statute provides what class of persons shall hold certificates of registration and the grounds upon which the certificate shall be revoked. Not only the acquirements of the pharmacist are to be contemplated under the statute in determining whether he shall receive the certificate, but it provides that the violation of the statute forbidding the sale of intoxicating liquors shall be cause for revoking his registration. This provision is bound upon the ground that one who illegally sells intoxicating liquors is not a fit person to hold a certificate as a pharmacist. There are many valid reasons which must not be here stated which doubtless induced the restriction. Now, while the statute relates to the practice of pharmacy and the sale of poisons, it prescribes causes which shall take from the pharmacist the rights to hold a license. It matters not whether the intoxicating liquors sold by plaintiff were or were not to be regarded as medicine or provisions. This sold by plaintiff was unlawful, and for this violation of the law in selling them he became unqualified to hold his registration.

III. The plaintiff insists that "the creation of a board of officers with



legislative and judicial power is not only wholly foreign to the subject of the act as understood by its title, but is void as an attempt to delegate powers which the Constitution vests only in the Legislature.

1. The act regulates the practice of pharmacy by declaring the conditions upon which it shall be practiced and the class of persons thereto empowered. It contains many regulations which are readily discovered upon reading the statute. It is obvious that these regulations can be applied and enforced only by officers duly authorized by law. The Commissioners are such officers.

2. There are no legislative powers entrusted to the Commissioners; they can neither make nor unmake a single provision of law. They are charged with the administration of the law, and with no other powers.

3. When in the administration of any law they are entrusted with certain *quasi* judicial powers, they possess none except those of the class which the law confers upon ministerial and executive officers. They exercise discretions which may be *quasi* judicial, just as all officers do. The by-laws and regulations which they are authorized to make pertain to the lawful discharge of the duties imposed upon them. They do not pertain to the rights or liabilities of other persons.

4. It is complained that the Commissioners are authorized to exact a license fee. Surely we are not expected to cite authorities to show that the Legislature may provide for licensing persons engaged in specified pursuits, and require the payment of a fee therefor by the person accepting a license. Counsel do not deny that the statute, so far as it requires a pharmacist to obtain a license or certificate, is constitutional, but insists that the provision for fees is unconstitutional. They give neither reasons nor cite authorities to support their position. It demands no further attention.

IV. Counsel insist that the proceedings before the Commissioners were without authority and in conflict with the Constitution, in that plaintiff thereby is deprived of his property without due process of law. By this they mean that plaintiff was entitled to a trial before some court. Well, defendant had such a trust in the most solemn and formal measure. He was indicted and convicted of violating the law relating to the sale of intoxicating liquors. He had another trial before the defendant to determine whether he had been so convicted, and the fact was established in the manner prescribed by law, *i. e.*, by the production of the record. Here, then, he had two trials. The violation of the law was thus established before the Commissioners, who are charged with the duty of giving and revoking certificates of registration. They discharged a plain and imperative duty in revoking plaintiff's certificate.

V. The statute, section 8, declares that the certificate of registration shall be revoked for violation of the law relating to the sale of intoxicating liquors. But counsel say that there is a difference between alcoholic and intoxicating liquors, and thus section 9 provides that the certificate shall be revoked for the unlawful sale of alcoholic liquors. So it is, but section 8 authorizes the revocation for the sale of intoxicating liquors. It follows

that as both sections must cover, the revocation may be for the sale of both intoxicating and alcoholic liquors.

VI. Sec. 9 declares that for *repeated* violations of its provisions the certificate may be revoked. But section 8 declares that for violation of the law relating to the sale of intoxicating liquors without regard to the repetition of the offense, the name of the offender shall be stricken from the register. Section 9 applies to other violations of the law besides the sale of alcoholic liquors. The provision as to repeated offenses will be construed to apply to them and not to the sale of intoxicating or alcoholic liquors, which is provided for in section 8. By this construction both sections stand and are not in conflict.

VII. It is insisted that the indictment upon which plaintiff was convicted fails to show that the offense was committed within the jurisdiction of the court in which the indictment was found. It will be observed that it alleges the offense was committed in Leon. The court would take judicial notice that Leon was the county seat of the county where the indictment was found. But surely the objection could not be raised after verdict and judgment in a proceeding involving the enforcement of a penalty based upon the judgment.

This objection, as well as one based upon the claim that an appeal was pending in the case wherein plaintiff was convicted at the time of the hearing before defendants, and another based upon the incompetency of the judgment as evidence in the case put on to questions of fact which were for the determination of defendants. They are not based upon questions of production or of illegal acts of defendant. The competency and sufficiency of the evidence were before defendants for consideration, and they did not act illegally or without foundation in deciding thereon. They may have erred in their decision, but their error cannot be reversed upon certiorari. *Field vs. Carstensen*, 61 Iowa, 334.

We reach the conclusion that the circuit court rightly dismissed plaintiff's petition. The judgment appealed from is therefore affirmed.

SEEVERS, J.—Being unable to agree to the foregoing opinion, it is proper that I should briefly state the grounds of my dissent. For the purposes of this opinion I concede the constitutionality of the statute considered in the foregoing. As I understand the opinion of the majority it holds that the Commissioners of Pharmacy were authorized to revoke the license of the plaintiff as a pharmacist, under section 8 of chapter 75 of the acts of the Eighteenth General Assembly. It will be observed that the section provides that if the pharmacist violates or abuse in any way the law relating to the sales of intoxicating liquors his name shall be stricken from the register of pharmacists, and section 9 provides that for repeated violations of that section, the name of a registered pharmacist may be stricken from the register. Section 8 in my opinion should be construed as meaning that the name of the pharmacist shall be stricken from the register as provided in the chapter that is for the "repeated violations of the law" as provided in section 9.

The provisions of the statute in relation to the sale of intoxicating



liquors are peculiar and contains provisions not to be found in any other criminal statute. Of these provisions, however, no just complaint can be made by the courts. But as the plaintiff could not, when his name was stricken from the register, continue the legitimate business of selling drugs and medicines, the statute should not be so construed as to deprive him of such right unless it quite certainly appears that such is the legislative intent.

Now, in my judgment, so far from this being so, it clearly appears, I think, that the druggist must persistently violate the statute. Or, at least, that it must appear that the statute has been violated in more than a single instance before the name of a registered pharmacist can be stricken from the register. Mr. Justice Adams unites in this dissent.

This plainly defines the power of the law and the authority of the Commissioners. It remains now for the 21st General Assembly to provide the means by which this law can be more vigorously enforced.

#### THE GREAT REMEDIAL AGENTS

Used to ameliorate and alleviate human suffering; the boon to the unfortunates of mankind; namely, the anasthetics, chloroform, ether and chloral, are prepared from alcohol; morphine, quinine, atropine and all other alkaloids are obtained by the agency of alcohol. It is the most important agent used in the preparation of medicine and is recognized as of medical utility by all works on therapeutics, by all pharmacopœias as well as the United States Pharmacopœia, which is compiled and revised by an authorized committee of revisers. Said committee being composed of scientific men of the highest rank, constituted and commissioned by the American Pharmaceutical Association. A body in its profession unexcelled by any other scientific organization in the world. Research and science have failed to produce or unfold from the laboratory of nature anything to take the place of alcohol. Nothing else will extract the virtues from the boundless field of botanical remedies, and preserve them without deterioration and decomposition. With it, both as a menstruum and preservative, the therapeutic agent it contains can be relied upon, while syrups, infusions and decoctions are all liable to acetous fermentation, producing decomposition and destruction of their medicinal cargo.

Alcohol is directed to be used in the preparation of two hundred and seventy-nine of the preparations of the United States Pharmacopœia, in fact it occupies the first place in the front rank of remedial

agents and none other known can take its place. Like all good things it may be used as a great evil.

For the past ten years many of the people of our State have been in a continual warfare against alcohol. Some from personal grievance, others from fixed and honest principles, and not a few to be on the conceived popular side. Many, from the visible exhibitions of the abuse of this valuable agent, who observe its abuse, lose sight of its beneficial uses, and like fanatics, with one idea only, cry aloud banish it from the State and the nation, when in fact it is the most useful, valuable and extensively used in legitimate pharmacy of any remedial agent.

Some physicians are credited with saying they never use it in their practice. Such expressions are usually made through ignorance or desire to pander to a whim to gain for themselves craved popularity among those whom they think these expressions will delight, when in fact they utter falsehoods or are ignorant of the component elements of their daily prescriptions.

The frequent changes of the laws on this subject in our State, and the ambiguous enactments capable of various interpretations, has rendered the enforcement of the pharmacy law most difficult and onerous. The consequent abuse of privileges by some druggists has cast odium upon all, and the warfare against druggists has been so severe in many places that victims are to be regarded by many more as sinned against than unenviable violators of law, in fact prejudiced prosecutions have become persecutions, and the vocation of the legitimate pharmacist has become unenviable and irksome.

The law abiding pharmacist's earnest hope for betterment, rests in the more active support of our pharmacy law, which, fortunately for him and for all law-abiding people, was enacted in time to prevent the further influx of those who would use the drug business as a medium to sell liquors as a beverage. It is a matter of special congratulation to Iowa pharmacists that they were thus saved the entrance to their ranks of those crowded out of the sale of beverages by the penalty act of 1884. In this we have a warning from Kansas, where they first enacted prohibitory laws and then passed a pharmacy law to go into effect several months after its passage, thus enabling all liquor dealers who wished to establish themselves in the drug business and acquire the vested right of registration when the law went into effect; the following communication illustrates this point:



## PROHIBITION AND PHARMACY.

—, Iowa, August 27.—Editor of the National Druggist:—Your last week's editorial comments on your Kansas City correspondent's statement of how prohibition affects Kansas pharmacists, should be taken as a warning by pharmacists of other States to see that legitimate pharmacy is not jeopardized by the evils of prohibition laws that are railroaded through legislatures under the whip of fanatics, and from fear of political adversaries, who as evident in the passage of the Kansas pharmacy law, retaliate by leaving a gap of several months for any one to go into the drug business before the pharmacy registration law went into effect. Such political machinations can be best circumvented by first securing pharmacy laws that put the legitimate pharmacist under respectable, independent restrictions and protections. These cannot be secured when the fever of prohibition or anti-prohibition is at its height.

It must commence at your homes; at the primaries; at the polls. You must see that reasonable, fair-minded men are elected to represent you in the halls of the legislature—then you must inform them of the truer relationship of an honorable, high-minded pharmacist to this bane of society, and add truth upon truth, and precept upon precept, to show your neighbors that your interests deserve reasonable consideration and protection. When this well-doing is persisted in legitimate pharmacy will have its rewards.

IOWA.

We will not argue for one moment for traffic in this valuable but much abused agent, except under severe restrictions, which, when complied with, afford protection. Its use cannot be suppressed; its value as a remedial agent is too well established to be retired, and the rights of those who need it cannot be denied. We would, if it were possible to do so, ask that it be eliminated from our business; but scientific research has failed to find anything to take its place.

The present prohibition law, if it effects the pharmacy law, makes it incumbent upon every druggist to become a permit dealer, even though he does not sell a particle of liquor. He must, however, take the permit and the odium of liquor dealer, though he sell none, in order to lawfully ship what is absolutely essential in the manufacture of his pharmaceutical preparations. The druggists do not want the traffic, but they do feel that an honorable profession, which has for its objects the alleviation of suffering humanity, should be free from the stigma unnecessarily cast upon it by fanaticism, under the prohibitory law. Under this law the permit dealer is required to make a report which is open to the criticism of the populace; in his acts the custodian is required to use his own judgment, and in exercising that judgment ever so carefully, critically and honorably, he cannot

know all of the circumstances surrounding each sale, and cannot always use judgment acceptable to the numerous fanatics whose eyes are turned upon him. Some other person may know some circumstance concerning some individual unknown to the vendor, and has him annoyed for what he has done in good faith and in using his best judgment. Thus every custodian of an acknowledged legitimate article of commerce is liable to be harassed, and the effects are chaotic and turbulent; arraying neighbor against neighbor in crimination and recrimination; besides the permit law in its requirements is most repugnant to conscientious dealers, who must assume the impossible and swear to a report of sales yielding no greater profit than  $33\frac{1}{3}$  per cent. Did it ever occur to the author of this permit law what a monstrous sin he was fastening on the State—and if ignorant of its practical workings, the stupendous wrong he has permitted to go on without using every human effort to secure its repeal? If for some inscrutable reason this man yet lives in ignorance of the millions of perjured statements on file in every court house in the State, will he after twenty or more years of innocence or willful silence show how it is possible for a conscientious druggist to sell the small quantities of liquor as often hastily required in the retail drug business, in exact compliance with this law? How is it possible, even without the necessary dispatch, in supplying five, or ten, or twenty-five cents worth of brandy or other liquor to a poor patient, for a druggist to correctly estimate this legal profit, without supplying a greater or less amount than is needed? How is it possible for a retail druggist to make a correct monthly report under oath, as required by the permit law, on such expensive and numerous kinds of liquors as are required from first-class druggists, many of which, particularly those imported, he must buy in original packages in order to secure purity, and keep on hands for ten or more years before they are sold? Who can do this and keep a correct account of the monthly loss, shrinkage, interest and other contingent expenses, and then see that his sales are in accordance with the law? Who is to shield him from the penalties of section 1538, or pardon him for making a false return?

Wherein is the justice or sense in placing excessive bonds on druggists whose necessary sales are limited to the wants of the sick, and whose total annual sales do not aggregate the tenth or the thirtieth part of the bond? Is this the way to cultivate the true druggist's disposition to keep and sell the purest and best medicines or liquors



obtainable anywhere? Does this facilitate the securing and administration of the best medicines for the alleviation of the sick? Wherein are the people benefited by such onerous exactions?

During the period of the first two years following the enactment of the pharmacy law, numerous complaints were laid before the Commissioners of Pharmacy for alleged violations of the pharmacy law, charging parties with conducting drug stores without being registered. With numerous duties devolving upon the Commissioners of Pharmacy, and the limited financial support the Commission received, it was impossible to incur the expense of visiting every point where violations were alleged to exist, and examine into the merits of the case personally, and institute prosecutions where violations occurred. Many cases were reached and properly righted through the medium of the mails. Some, however, continued to violate the law, and to reach these cases the Iowa State Pharmaceutical Association (see pages 100 to 104, Proceedings 1882,) in 1882, recommended that section 11 of the law be amended by increasing the penalties so that the notice of violations would come before district attorneys and the grand jury, thus hoping to aid in the more thorough enforcement of the law—the Legislature of 1882 made such amendment. But experience has taught us that this was unwise, for the reason that unless the grand jury saw fit to indict (and in most cases they would not on account of court expenses), but would refuse to find a bill, let the violation be ever so flagrant. We have thus been thwarted in our endeavors to thoroughly enforce the law in many cases. We, therefore, recommend the change to bring the matter again under the jurisdiction of justices of the peace, with such provisions for expense of enforcing the law as the Commissioners of Pharmacy may incur, and the receipts from the itinerant license fund may justify, or the Legislature may see fit to appropriate.

#### METHODS OF MAKING EXAMINATIONS.

When we made our last report we had assistant examiners at Dubuque, Sioux City and Council Bluffs, who submitted to applicants for registration the schedules of questions furnished by the Commissioners of Pharmacy, to which the applicants were required to write their answers, *under oath*, in the presence of the assistant examiner. This, however, was abandoned at our meeting in May, 1884; and since that time all applicants for registration have been required to appear

before a Commissioner of Pharmacy at Fort Madison, Des Moines or Fort Dodge, on the first or third Tuesday of any month, except occasionally the full Board have held meetings to examine candidates for registration at Marshalltown, Council Bluffs and Des Moines.

In methods of conducting examinations before one Commissioner, and in various matters in the administration of the law, the Commissioners of Pharmacy find it necessary to administer an oath, and recommend the law be amended, extending to them the legal right to administer oaths any place in the State, as examinations are held at various places over the State, and the rights conferred upon notaries public does not extend outside of the county in which he resides.

#### ITINERANT LICENSE.

The present law relating to the license of itinerant vendors of medicines has been found to be impractical, except so far as it relates to traveling doctors, and in our last biennial report we recommended a change, which was as follows:

Referring to section 10, relating to itinerant vendors, we have to report that no money or license fee has been collected for the reason that section 12 contains an exemption clause that said act "shall not apply to the sale of proprietary medicines manufactured in the State, and when same are sold and distributed by agents from an established place of business"; the words, "*manufactured in the State*," being deemed unconstitutional as in conflict with the Constitution of the United States on inter-State commerce, and based on a decision of the Iowa Supreme Court in a case from Marshalltown.

The expunging of the words, "*manufactured in the State*," would, in our opinion, cure the defect, and we believe the reduction of the license fee to fifty dollars, would yield a more certain revenue, as the incentive to evade the payment of the same would be correspondingly lessened.

We again earnestly urge this change to remove this barrier, which may be illustrated as follows: When itinerants are asked to pay the license they claim an established place of business at some point in the State, and it is easy to maintain such claim and difficult to disprove same, and with the license fee one hundred dollars, they conclude it pays better to make what they claim an established place of business rather than pay the license.

Whether the itinerant license fee be reduced or not, it is necessary to secure its collection that the Commission have ample means at their disposal to prosecute these non-tax-paying infringers, from



place to place. It has been suggested that the proper enforcement of the law generally would be better accomplished by having the Commissioners visit, so far as practicable, the various cities of the State and inspect the drug stores, to ascertain whether or not the law is properly obeyed, etc., but this cannot be entertained without funds, if no other means are provided. The following amendments would aid in this direction and not infringe on the clause, "without expense to the State," if such pecuniary principles are to be continued.

The following amendments to chapter 137, acts of 1882, are, therefore, respectfully suggested :

1. By adding after the words "*twenty-five dollars,*" in the 8th line of section 2 of said chapter, the words, "*nor more than one hundred dollars,*" and by striking out the word "*one,*" in the 9th line of said section and inserting in lieu thereof the word "*three.*"

2. By striking out the words "*two hundred dollars*" in the 3d line of section 3 of said chapter, and inserting in lieu thereof the words "*one hundred dollars for every day of such violation of the law*"

3. By repealing section 4 of said chapter and inserting in lieu thereof the words, "*which have the formula published on the label or wrapper indicating the non-poisonous character of the contents.*"

Should it be deemed advisable to amend the original act of 1880 in any particular, we would say it is in line with all recent enactments and amendments to pharmacy laws in other States—notably Massachusetts, Michigan and Ohio—to require graduates of colleges of pharmacy to pass the same examination before the State Board of Pharmacy as non-graduates. There being now no further opposition to this, from colleges of pharmacy, the leading professors publicly favoring this change of policy, it would be advisable to eliminate the clause granting graduates of pharmacy registration without examination, as provided in section 5 of chapter 75, acts of 1880. And if it be advisable to amend section 8 of said chapter, we recommend for consideration the following substitute:

SEC. 8. Registered pharmacists shall have the right to keep and sell under such restrictions as are herein provided, all medicines, liquors, and poisons: *provided*, that nothing in this chapter shall be construed to authorize the sale or gift of intoxicating liquors for any other than medicinal, mechanical or sacramental purposes, and any person being a registered pharmacist, who shall act in bad faith or in any wise abuse this trust for the actual necessities stated, or who shall sell or give away intoxicating

liquors to any habitual drunkard, or to any minor, or who shall neglect or refuse to administer the oath hereinafter provided for, shall be punished as provided in Chapter 6, Title 11, of the Code, or any law now or hereafter made amendatory thereto and shall in all respects be amenable to the provisions of said Chapter 6, Title 11, of the Code, or to chapter 75 of the laws of the Eighteenth General Assembly to which this is amendatory, and in addition thereto upon a second conviction of any registered pharmacist for violation of the provisions of this chapter, he shall have his name stricken from the State Pharmacy Register by the Commissioners of Pharmacy for the State of Iowa by order of the court in which such second conviction is had. All registered pharmacists shall, upon application for any malt, vinous, or spiritous liquors, cause the applicant to take and subscribe to an oath, which they are hereby empowered to administer, stating the purpose for which said liquor is purchased, and if it shall appear that such liquor was obtained or used for any other purpose than is permitted in this act, said applicant shall be guilty of perjury, and upon conviction therefor shall be punished accordingly. Blanks for said oaths shall be furnished pharmacists by the State Board of Pharmacy, at the expense of the State, in such form as to be easily and properly preserved, and shall always be open to inspection by any person. The drinking of intoxicating liquors on the premises of a registered pharmacist shall be *prima facie* evidence of the sale of such liquors contrary to law. It shall be the duty of the Attorney-General of the State to provide legal counsel to aid the Commissioners of Pharmacy in the enforcement of the pharmacy laws.

In submitting this substitute, which was introduced in the Senate of 1884 by Senator Gault, we would most earnestly impress all citizens, especially law-makers, of the incontrovertible fact, that the profits of registered pharmacists are totally inadequate to the professional and legal responsibilities incurred—this fact, coupled with their record (during the past six years of problematical liquor laws) in not only willingly obeying, but in supporting a restrictive pharmacy law, furnishes abundant evidence that the trusts reposed in them have been worthily bestowed, and that if any additional legislation be thought proper that their interests be more favorably considered and not entirely overridden, as attempted by some ill-advised legislation of 1882 and 1884.

From our experience and study for the enforcement of laws, we would say that if they are made unnecessarily burdensome they defeat the objects of the law, by thus offering a premium to violate the same.



## DEPARTMENT OF PHARMACY—STATE UNIVERSITY.

In our last biennial report we said that it would be a just and wise provision to create a department of pharmacy in the State University. We are pleased to say that this suggestion was accepted, and that the Board of Regents of the State University have established such a department, which is designed to furnish the apprentices of Iowa pharmacists an opportunity for taking a college of pharmacy course and acquiring a thorough practical education in the departments of science most intimately connected with the practice of pharmacy. The faculty consists of Josiah L. Pickard, LL.D., President of the University; Emil L. Boerner, Professor of Pharmacy, Director of the Pharmaceutical Laboratory and Dean of the Faculty; Gustavus Hinrichs, A.M., M.D., LL.D., Professor of Chemistry and Director of the Chemical Laboratory, and C. M. Hobby, M. D., Professor of Materia Medica and Botany.

The first annual course of lectures will begin on Thursday, October 8, 1885, and close Wednesday, March 3, 1886. There will be a holiday vacation, commencing December 23, 1885, and ending January 5, 1886.

## PRELIMINARY EXAMINATION.

Every applicant for admission will be required to pass a preliminary examination in English reading and composition, writing, geography and arithmetic, or give satisfactory evidence of having completed such studies in a grammar school.

The establishment of this department of pharmacy of the State University of Iowa was warmly endorsed by the Iowa State Pharmaceutical Association at its sixth annual meeting, held in Council Bluffs, May 12 and 13, 1885, and meets with our approval and best wishes.

All of which, with the following synopsis of Board minutes, important correspondence, orders, regulations, Secretary and Treasurer's report, Supreme Court decisions and abstract of State Pharmacy Register, is respectfully submitted to your excellency and the citizens of Iowa.

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

*Commissioners of Pharmacy.*

Attest:

C. A. WEAVER, *Secretary.*

SYNOPSIS OF BOARD MINUTES FROM OCTOBER 31, 1883,  
TO AUGUST, 1885.

The first meeting of the Board since the last report occurred December 13, 1883, reviewed biennial report, and corrected the abstract of register to that date.

April 1, 1884, evidence having been received by Commissioner Schafer that C. A. Sager, of Promise City, Ia., had obtained his certificate through fraud and collusion in his examination (he had been examined under oath before a justice of the peace in the town of Promise City, February 25, 1881,) he was thereupon notified to appear before either one of the Commissioners and verify his examination, in accordance with Regulation No. 9 (see regulation); he appeared April 10, 1884, before Commissioner C. A. Weaver, Des Moines, when he not only failed to verify his former examination before the justice of peace, but he also acknowledged that the charges of fraud and perjury were true; that he had, in collusion with one D. H. J. Gremm and H. W. Dodge, obtained the questions fraudulently, and so fraudulently obtained his certificate.

His certificate, No. 2093, was, therefore, on May 6, 1884, revoked, and the Secretary of the Commission directed to strike his name from the State Pharmacy Register, and report the revocation of his certificate, No. 2093 to the public, which was done, and a copy of the order served on C. A. Sager—being revocation order No. 7.

May 22, 1884, Board met at call of President; being annual meeting; attending to regular work.

May 23, 1884, the Board having previously requested an opinion from the Attorney-General on the status of the pharmacy law, but having received no reply they discussed the status of the law and formulated an opinion to be presented to the State Association, which was to meet in Marshalltown on the 27th.

On the same day, Shoreland Harris, of Mason City, who had been previously notified to show cause, on this day, why his certificate should not be revoked on the basis of certified copies of court records filed in this office; he replied to notice sent him, that he had appealed his case from the district court to the Supreme Court of Iowa, further



action was therefore suspended until appeal had been decided by the court, and the Secretary of Commission was instructed to request the clerk of Cerro Gordo county court to promptly inform the Commissioners when the appeal had been decided.

On the same day, Warren Crosby, of Mason City, he, having been previously notified to show cause, on this day, why his certificate should not be revoked, on basis of certified copies of court records filed in this office. In answer to notice sent him, presented affidavit from clerk of the court of Cerro Gordo county that there was an error in the court records, filed with the Commissioners in his case. Further action was, therefore, deferred until more definite evidence was received.

Same day. The case of J. B. Hollowell, of New Sharon, was taken up, having been deferred from a former meeting, he having been previously notified to show cause why his certificate should not be revoked. The evidence he presented in answer, not being deemed sufficient, his certificate, No. 2384, was revoked, and the Secretary of the Commission directed to strike the name of J. B. Hollowell from the State Pharmacy Register and report the revocation of his certificate, No. 2,384 to the public—being revocation order No. 8.

On the same day order of revocation No. 9 was issued.

Frank M. Cattern, of Mt. Ayr, having been previously notified to show cause on this day why his certificate should not be revoked. In default of evidence or answer to notice sent him, his certificate, No. 895, was revoked, and the Secretary of the Commission was directed to strike the name of Frank M. Cattern from the State Pharmacy Register and report the revocation of his certificate, No. 895, to the public.

May 24, 1884, Regulation adopted in lieu of Regulation No. 8, Regulation No. 8 being annulled. (See regulations.)

May 24th. The Treasurer presented report from October 31, 1883, to May 10, 1884, which was approved.

After formulating blank forms for notices to district attorneys in cases of violation of the pharmacy law and some further routine work the Commission adjourned *sine die*.

Commissioner Crawford's term of three years having expired, and having been again reappointed by you for another term, the new Board organized by electing Geo. H. Schafer President, R. W. Crawford Vice-President, and C. A. Weaver Secretary and Treasurer for the ensuing year.

May 26, 1884, the Board met in Marshalltown for the purpose of conducting examinations of applicants for registration.

October 31, 1884. Evidence having been presented to us that an appeal taken in the case of Shoreland Harris was not sustained by the Supreme Court, the following notice was sent to Shoreland Harris by registered letter.

OFFICE OF THE COM'S OF PHARMACY FOR THE STATE OF IOWA, }  
DES MOINES, IA., October 31, 1884. }

Shoreland Harris:

SIR—Under date of May 6, 1884, the following notice was sent you:

OFFICE OF THE COM'S OF PHARMACY FOR THE STATE OF IOWA, }  
DES MOINES, IA., May 6, 1884. }

Shoreland Harris:

SIR—Certified copies of court records, State of Iowa, [SS] Shoreland Harris, District Court of Cerro Gordo county, March term, A. D., 1884, have been filed in this office, showing convictions under the laws of Iowa relating to the sale of intoxicating liquors. Therefore, in accordance with sections eight and nine of the pharmacy law, it becomes the duty of the Commissioners of Pharmacy to revoke your certificate, No. 194, and strike your name from the State Pharmacy Register. You are therefore hereby notified that unless you file with the Secretary of the Commission, at Des Moines, Iowa, on or before the 23d day of May, A. D., 1884, written evidence, properly certified to under oath, giving good and sufficient reasons why your certificate, No. 194, should not be revoked, and your name stricken from the State Pharmacy Register, it will be so done.

By order of the Commissioners.

C. A. WEAVER,  
Secretary.

Which notice you properly acknowledged, and showed that an appeal had been taken to the Supreme Court of Iowa; thereupon, at a meeting of the Commissioners, May 23, 1884, at Des Moines, to consider your case, it was ordered that further action should be suspended until appeal had been decided by the court, and the Secretary of the Commission instructed that if Supreme Court should affirm the verdict of district court of Cerro Gordo county, to renew the notice of May 6, 1884. The proper evidence having now been presented to the Secretary of the Commission that the State Supreme Court has affirmed the verdict of the district court of Cerro Gordo county, it becomes my duty to renew notice of May 6, 1884. Therefore, in accordance with sections 8 and 9 of the pharmacy law, it becomes the duty of the Commissioners of Pharmacy to revoke your certificate, No. 194, and strike your name from the State Pharmacy Register. You are, therefore, hereby notified that unless you file with the Secretary of the Commission, at Des Moines, Iowa, on or before the 25th day of November, A. D. 1884, written evidence properly certified to under oath, giving good and sufficient reasons why your certificate, No. 194, should not be revoked, and your name stricken from the State Pharmacy Register, it will be so done.

By order of the Commissioners.

C. A. WEAVER,  
Secretary of the Commissioners of Pharmacy for the State of Iowa.



A copy of above order was sent to Shoreland Harris by registered letter, November 4th, 1884. On same day notice was sent to Vestus Evans, of Searsboro, that certified copies of court records showing conviction under the law was filed in this office, and notifying him to show cause on or before November 25, 1884, giving good and sufficient reasons properly certified to, why his certificate should not be revoked.

Under date of July 28, 1884, Frank X. Buschnagel made application from St. Joseph, Missouri, for a certificate of registration as a graduate. The following is a copy of the application:

[FORM NO. 14.]

Application for Registration without Examination, as a graduate of a College of Pharmacy that requires four years of practical experience before granting a Diploma, in accordance with Section 5, Chapter 75, Acts of the Eighteenth General Assembly, and as amended by Chapter 137, Acts of Nineteenth General Assembly.

To the Commissioners of Pharmacy for the State of Iowa:

I, Frank X. Buschnagel, of [town or city] Iowa City, County of Johnson and State of Iowa, hereby apply for certificate and registration, under the provisions of "An act to regulate the practice of pharmacy, and the sale of medicines and poisons," approved March 22, 1880, and submit the following evidence as to qualification; and herewith enclose draft (or P. O. money order) for the sum of two dollars (\$2), payable to the order of C. A. Weaver, Des Moines, Iowa (the Secretary and Treasurer's office), to whom this application is mailed on the 28th day of July, 1884.

Question No. 1. What is your name in full, and place of residence?

Answer No. 1. Frank X. Buschnagel; Iowa City, Iowa.

Question No. 2. Where is your place of business and number of street?

Answer No. 2. I am temporarily employed in St. Joseph, Mo., as drug clerk.

Question No. 3. (If an employe) Give name of employer and location of store.

Answer No. 3. William Loving; 106 North Second street, St. Joseph, Mo.

Question No. 4. Are you a graduate of a College of Pharmacy that requires four years' practical experience before granting a diploma?

Answer No. 4. Yes.

Question No. 5. What is the name of the College of Pharmacy at which you graduated?

Answer No. 5. St. Joseph's Institute, Iowa City, Iowa.

Question No. 6. What is the number and date of your diploma?

Answer No. 6. Date, March 1, 1882; not numbered.

STATE OF MISSOURI, }  
BUCHANAN COUNTY, } ss.

I, Frank X. Buschnagel, the applicant in [the foregoing instrument, being duly sworn, depose and say that the statement and answers therein are true as I verily believe.

(Sign here)

FRANK X. BUSCHNAGEL.

Sworn to before me and subscribed in my presence by the said Frank X. Buschnagel, on this 28th day of July, A. D. 1884. Witness my hand and seal notarial hereunto.

[SEAL.]

F. X. STUPPY, *Notary Public.*

(Commission expires November 2, 1886.)

Copy of letter accompanying the application of Frank Buschnagel:

ST. JOSEPH, MO., July 8, 1884.

Mr. Frank Buschnagel has been employed in my drug store since last November, and I take pleasure in stating that he is a careful and capable young druggist, a faithful student of pharmacy, and his moral character is without reproach.

Respectfully,

WILLIAM LOVING.

In this application he claimed to be a resident of Iowa City, while residing in Missouri, and claimed his being a graduate of St. Joseph Institute, Iowa City. The Board not being aware that the St. Joseph Institute of Iowa City, was, or had been, a college or school of pharmacy, such as the law prescribes, after due consideration, rejected the application and notice sent Mr. Buschnagel to that effect August 4th, 1884.

October 8th, 1884, the Secretary of the Commission received the following letter and correspondence which was submitted to the Board for their consideration.

IOWA CITY, IOWA, October 6th, 1884.

C. A. WEAVER, *Des Moines.*

DEAR SIR—Some time ago I wrote you for a blank application, to be used by Frank Buschnagel. He made application to your Board of Registry for registration as a graduate in pharmacy. On August 4th, 1884, you wrote him that you were directed by the Board to inform him that "St. Joseph's Institute, of Iowa City, is not a college of pharmacy, such as is required by the Iowa pharmacy law, therefore cannot grant you a certificate under this application." Your communication was sent to me, and on September 16 I wrote the Attorney-General a letter, a copy of which I enclose you.

I have just received his reply a copy of which I also enclose. By read-



ing the two you will see that the Attorney-General is of the opinion that St. Joseph Institute is such a college of pharmacy as is contemplated by the Iowa pharmacy law.

Thinking that the Commissioners of Pharmacy would be governed probably by his opinion, I sent it to you in full. I will send you his original letter if you want it, or you can write him direct. Mr. Buschnagel does not desire to go to any unnecessary expense to obtain what he is clearly entitled to without expense.

And on his behalf I again write you and demand for him a certificate of registration without examination as a pharmacist under section 5, chapter 75, laws of the Eighteenth General Assembly. Trusting that the Board will give the matter prompt attention and that I shall hear from you soon, I remain

Very truly yours,

GEO. W. BALL.

P. S.—I enclose the Attorney-General's original letter and letter press copy of mine. Please return both of them to me when you are through with them and oblige,

Yours, etc.,

GEO. W. BALL.

COPY OF A PRESS COPY OF G. W. BALL'S LETTER TO ATTORNEY-GENERAL.

IOWA CITY, IOWA, September 16, 1884.

HON. SMITH MCPHERSON, *Red Oak, Iowa:*

DEAR SIR—Two years ago I wrote you a letter regarding the question as to whether St. Joseph's Institute of this city is a college or school of pharmacy within the meaning of chapter 75, section 5, laws of the Eighteenth General Assembly, or rather as to the meaning of said section, without mentioning any school, I think.

St. Joseph's Institute is an incorporated school or college. It is not a school of pharmacy exclusively, but pharmacy is taught in the institution and it requires a practical experience in pharmacy of four years before granting a diploma.

Mr. Frank Buschnagel graduated from this institute about two years ago, and he has a diploma showing that he had four year's practical experience in pharmacy before graduation. He has applied to the Commissioners of Pharmacy for registry without examination, as provided by said section 5. They rejected his application for the reason, as the Secretary states, that St. Joseph's Institute, of Iowa City, Iowa, is not a college of pharmacy, such as is contemplated by the Iowa pharmacy law.

The question that I desire to ask you *now* is what is your construction of section 5? Do the words "an incorporated college or school of pharmacy that requires a practical experience in pharmacy of not less than four years," mean a college or school incorporated as a school of pharmacy alone, or does it mean an incorporated school or college wherein the languages, science, law, medicine and pharmacy, or any or all of these branches of education are taught, including pharmacy, but requires four years practical experience in pharmacy before granting a diploma? If it means the former

then the State University and all other schools in the State except the recently organized school of pharmacy at Des Moines, would be excluded, although their graduates may have had the same education and experience that the Des Moines school gives. If it means the latter, then graduates of St. Joseph's Institute should be admitted for it is a school of pharmacy, that being one of the branches taught, and it requires four years' practical experience in pharmacy before granting a diploma.

It seems to me that the Legislature could not have intended to exclude from the benefits, of that act, all except the graduates of one institution, (the Legislature passed the law several years before the School of Pharmacy, at Des Moines, was established), thus creating monopoly, as it were, in favor of that one school. If my theory is correct Mr. Buschnagel is certainly entitled to registration by the Board. Whether they have consulted you or not, of course I am not aware, but knowing that they would be guided, to a great extent, by your opinion I would like to obtain it. If it is proper and satisfactory to you, I would like to have your opinion in such shape that I could use it before the Board. Of course, if it is against my view, that would end the matter with the Board, unless some other proceeding should be instituted.

Hoping to hear from you soon, I am,

Very truly yours,

GEO. W. BALL.

THE ATTORNEY GENERAL'S REPLY TO G. W. BALL.

MR. G. W. BALL, *Iowa City, Iowa:*

DEAR SIR—Referring to your recent letter, would say: The Commissioners of Pharmacy have not consulted me in the matter.

St. Joseph's Institute being an incorporated school, or college, and that requires four years actual and practical experience before granting a diploma. It is just such an institution contemplated by section 5 of the law.

You do not advise me upon what grounds the Board rejects the application of these graduates, nor can I conceive. If it is because other branches are also taught, then they reject because the student has studied too much. I dare say that there is scarcely an educational institute in the country but that teaches other branches than the one for which diplomas are given. Instead of being a pharmacy school exclusively, St. Joseph's includes other branches and other studies. So much the better. A student graduating with knowledge of pharmacy only would have little business in a drug store. Most of people would prefer to have an *educated* pharmacist to dispense medicines, rather than one who can compound drugs only, and quite ignorant of other sciences. I adopt your views fully.

Yours truly,

S. MCPHERSON.



After due consideration the Board assigned the following reasons for refusing, the second time, the application of Frank X. Buschnagel:

FT. MADISON, October 20, 1884.

In the application of Frank X. Buschnagel, Iowa City, Iowa, for registration without examination as a graduate of pharmacy.

We assign the following reasons for our action:

*First.* Applicant's answer to question No. 1 gives his place of residence as at Iowa City, Iowa, whereas his answer to question Nos. 2 and 3 states that he is "temporarily employed in St. Joseph, Mo."

*Second.* In answer to question No. 4 the applicant claims he is a graduate of a college of pharmacy that requires four years practical experience before granting a diploma. The Board ask PROOF of this claim, and asks applicant to state his age at time he received such diploma.

*Third.* To question No. 5, "what is the name of the college of pharmacy at which you graduated?" applicant answers, "St. Joseph's Institute, Iowa City, Iowa."

This does, not even in name, assume to be an *incorporated college or school of pharmacy*. Without further evidence of the character of this Institute, the name, St. Joseph's Institute, would generally be regarded as an ecclesiastical institute of healing or learning. Its name and reputation does not indicate that it is a college or school of pharmacy, as contemplated by law. We therefore refuse registration without examination as a graduate of pharmacy, and refer applicant to apply for an examination as to his competency as provided by Sec. 5, Chap. 75, Acts of 18th General Assembly.

(Signed),

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

*Commissioners of Pharmacy for the State of Iowa.*

Copy of above reasons was sent to Geo. W. Ball, attorney for Frank X. Buschnagel, Iowa City, Iowa, December 17, 1884.

C. A. WEAVER,  
*Secretary Commissioners of Pharmacy.*

December 8. Board ruling No. 12 issued to-day. (See regulations.)

January 8, 1885. Notice was sent S. M. Marsh, District Attorney for 4th Judicial District, in regard to Ed. Lehane, of Dunlap, that he was conducting a drug store without being registered.

Same day notice was sent to F. Bissell, of Dunlap, that certified copies of court records had been filed in this office showing convictions for violations of the pharmacy law, and notified him that unless he filed in this office on or before February 4, 1885, good and suffi-

cient reasons why his certificate should not be revoked, it would be so done.

February 4, 1885. Board met in accordance with call of President. Geo. H. Schafer and C. A. Weaver present; R. W. Crawford, absent. Regular Board work, occupying attention of members present, for the day.

February 5. Members of Board all present. The case of F. Bissell was first taken up, he having replied to notice sent him January 8, 1885, claiming that he pleaded guilty with a qualification as to having sold liquor only for medicine under the pharmacy law. His claim was considered and the following letter sent to his attorney, R. L. Bolter, Esq.:

OFFICE OF COMMISSIONERS OF PHARMACY, }  
DES MOINES, February 5, 1885. }

HON. L. R. BOLTER, ESQ., *Logan, Iowa,*

*Attorney for F. Bissell, Dunlap, Iowa:*

DEAR SIR—Your reply of the 27th of January, 1885, to the notice of the Commissioners of Pharmacy to F. Bissell, dated Jan. 8, 1885, has been considered by the Commissioners of Pharmacy. They have suspended action until the 25th day of February, 1885, by which time we would like an authoritative statement from the Court and District Attorney whether or not said Bissell's plea of guilty, entered on September 8, 1884, to the indictment of the grand jury of the district court of Harrison county, Iowa, at the August term, 1884, was made with the qualification that said plea of guilty was to the sale of intoxicating liquors for the actual necessities of medicine only, as provided by section 8 of the Pharmacy Act of 1880, and that the District Attorney was satisfied that such qualification could have been sustained.

By order of the Commission.

C. A. WEAVER,  
*Secretary.*

Same day the case of Shoreland Harris, having been deferred from November 25, 1884, was now taken up. After full consideration of the answers given we find no good or sufficient reason has been shown why we should not revoke his certificate; therefore revoke his certificate No. 194, and direct the Secretary of the Commission to strike the name of Shoreland Harris from the State Pharmacy Register, and report the revocation of his certificate No. 194 to the public, to take effect this 5th day of February, 1885, being revocation order No. 10. Copy of order was sent him by registered mail, but he refusing to receive it, it was subsequently served on him in a legal manner. A copy of the order was also sent to the district attorney of the district.



Same day revocation order No. 11 was issued on Vestas Evans of Searsboro, Iowa. In his answer to notice sent him not having shown good and sufficient reasons why his certificate should not be revoked, his certificate No. 2227 was revoked, and the Secretary of the Commission directed to strike the name of Vestas Evans from the State Pharmacy Register, and report the revocation of his certificate No. 2227 to the public, to take effect the 5th day of February, 1885.

Copies of order sent to Vestas Evans and to J. A. Donnel, district attorney for that judicial district.

Same day the case of John A. Craig, of Lohrville, Iowa, was taken up. He registered as John A. Craig, having made oath to his name being John A. Craig, while his name was John W. Craig. He writes his name now as John Wesley Craig and is known as John W. Craig, it was therefore ordered that the certificate of John A. Craig, No. 1461 be cancelled, and the Secretary of the Commission directed to strike the name of John A. Craig from the State Pharmacy Register and to notify John W. Craig of the Board's action under regulation No. 9 (pharmacy regulations).

February 6. A copy of the above order was sent to John W. Craig, advising him to apply for registration by examination at once.

Same day the Secretary of the Commission was directed to send the following notice to all registered pharmacists registered by green seal, who have not renewed their certificate for a period of two years or more, and to mark on register as forfeited all who did not respond to the notice and remained so delinquent:

OFFICE OF THE COMMISSIONERS OF PHARMACY }  
FOR THE STATE OF IOWA, }  
DES MOINES,.....1885. }

SIR—Your Certificate has not been renewed for the past.....years. You are therefore hereby notified that unless you inform us to the contrary, on or before the.....day of....., it will be accepted as evidence that you have voluntarily severed your connection with the Drug business, and your Certificate No.....will be canceled, as provided by Section 4, Chapter 137, Acts of the Nineteenth General Assembly.

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

Commissioners of Pharmacy for the State of Iowa.

C. A. WEAVER, Sec'y of the Commission.

Same day regulation No. 13 was issued (see regulations).

February 9, 1885. Evidence having been received that R. Sommerbeck, of Cedar Rapids, had been fraudulently registered, the following notice was sent him:

OFFICE OF COMMISSIONERS OF PHARMACY }  
FOR THE STATE OF IOWA, }  
DES MOINES, February 9, 1885. }

R. Sommerbeck, Cedar Rapids, Iowa:

SIR—Developments have caused the validity of your registration as per certificate No. 1865, to be questioned, to remove which you will please present yourself before either one of the Commissioners on or before March 10, 1885, to verify the examination under which you were registered. Should you fail to appear and reasonably verify your original examination, the Commissioners will revoke your certificate and strike your name from the State Pharmacy Register. You will please give immediate notice to the Secretary of the Commission which Commissioner you have selected to appear before, and the date you will appear.

By order of the Board.

C. A. WEAVER,

Secretary of the Commissioners of Pharmacy.

March 9. R. Sommerbeck, of Cedar Rapids, appeared before Commissioner C. A. Weaver and verified his former examination, when his case was dismissed.

May 11. Board met to-day in Council Bluffs in accordance with the call of the President, for the purpose of conducting examinations of applicants for registration. Examinations were held 11th, 12th, and 13th, no other business being done.

May 14. Board met in Des Moines in accordance with call of the President, being the annual meeting. Geo. H. Schafer, R. W. Crawford and C. A. Weaver present. Regular routine work occupying attention of Board during the day.

May 15. Continuing in regular routine work, the Treasurer's report not being entirely complete he was excused until next meeting for full report, in view of next meeting being meeting for preparing biennial report. Adjourned *sine die*.

Geo. H. Schafer's second term having expired, but having been re-appointed again by you for third term of three years, new Board organized by electing G. H. Schafer, President, R. W. Crawford, Vice-President and C. A. Weaver, Secretary and Treasurer for ensuing year.

May 16. Commissioners called on Secretary of State Jackson and



made a formal request for a room in State capitol building for the use of the Commission to store the books and records of the Commission, the better to preserve them and as a place to meet and transact regular business.

July 6. Certified copies of court records of convictions having been filed in this office against the following named registered pharmacists: Henry Pfeiffer, Jr., certificate No. 2332; C. T. Bowen, certificate No. 936; Peter Clayton, certificate No. 1311; Fred. Reber, certificate No. 2628; James N. Porter, certificate No. 2305. The regular notice was sent to each of them this day to show cause, if any, on or before July 27, 1885, why their certificates should not be revoked.

July 27. Board met to-day in accordance with call of the President; members all present. The meeting was called for the purpose of hearing cause, if any, why the certificates of the registered pharmacists notified July 6, 1885, should not be revoked, and for the purpose of preparing biennial report. The first business being the case of James N. Porter, late of Guthrie Center. In default of any answer to notice sent him, his certificate No. 2305 was revoked and the Secretary of the Commission directed to strike the name of James N. Porter from the State Pharmacy Register and report the revocation of his certificate No. 2305 to the public, being revocation order No. 13. A copy of the order was sent to his late address by registered letter.

Same day, case of C. T. Bowen, of New Sharon, was taken up, no good and sufficient reasons having been presented why his certificate should not be revoked, his certificate No. 936 was revoked and the Secretary of the Commission directed to strike the name of C. T. Bowen from the State Pharmacy Register and report the revocation of his certificate No. 936 to the public, being revocation order No. 14. A copy of the order was sent to him by registered mail.

Same day, case of Fred. Reber was taken up after careful consideration of the answers given why his certificate should not be revoked. They were not deemed good or sufficient, and his certificate No. 2628 was revoked and the Secretary of the Commission directed to strike the name of Fred. Reber from the State Pharmacy Register and report the revocation of his certificate No. 2628 to the public, being revocation order No. 15. A copy of the order was sent to F. Reber by registered mail.

Same day, case of Peter Clayton, Woodbine, Iowa, was taken up.

The reasons and evidence in answer to why his certificate should not be revoked were deemed good, and his case was ordered to be *deferred* and the Secretary of Commission directed to inform him in accordance therewith.

Same day, case of Henry Pfeiffer, Jr., of Cedar Falls, was taken up and after consideration of answers and evidence presented, his case was continued for future action.

July 28. Ordered that the pharmacy law as amended (minus doubtful substitute), be published in biennial report. Ordered, that supreme court decisions be published in full in report. Ordered, that a list of registered pharmacists who have forfeited their certificates be published in report.

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, 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.

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.



A full appreciation of the merits and protection afforded by the pharmacy law, to both the people and the pharmacists, cannot be realized except by its thorough enforcement.

The Chicago druggist's mistake in 1884, and the recent Hoboken, N. J., druggist's mistake in giving morphine for quinine, admonishes us, notwithstanding the great care already exercised by careful druggists, to use every practical means to guard against mistakes; we, therefore, suggest the following precautionary regulation, and hope the press will urge its prompt adoption by all "registered pharmacists" who we believe will as cheerfully comply with same as though it were enacted as law.

As an additional precaution in the dispensing and sale of poisons and potent medicines, registered pharmacists are requested 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 enumerated in schedule A and B of the pharmacy law. 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,

R. W. CRAWFORD,

C. A. WEAVER,

*Commissioners of Pharmacy.*

The following is a well-tempered editorial on this subject from the Burlington Hawkeye of September 8th:

#### ERRORS OF DRUGGISTS.

Several recent mistakes of druggists in different cities, which have resulted seriously, present a remarkable concurrence of incidents that serve to call attention to the need of great vigilance and care on the part of all who are entrusted with the business of compounding medicines. In some of these cases ignorance or intentional carelessness was the apparent cause, but the mistakes were almost in every instance due to the preoccupation of the pharmacist. In the latest case, that of the fatal poisoning of two young girls in Hoboken, N. J., the druggist admitted that when the prescription was handed him he was engaged in conversation with three or four friends, and that while his attention was absorbed in what they were saying he put out his hand and took out the morphine instead of the quinine bottle, and without looking at the label proceeded to measure out the fatal powders. Additional interest is imparted to this remarkable occurrence by the fact that the druggist is now insane, and constantly imagines himself in the act of compounding the wrong medicine in an imaginary case. This is a sad case. But it is really wonderful, considering the similarity in appearance of many drugs in common use, the number of comparatively inexpe-

rienced men employed as druggists and the illegibility of many physician's handwriting, that not more mistakes of this kind occur.

While speaking to an intelligent physician of this city on this subject, we asked if there were any possible remedy against such mistakes. He replied, "as long as men live they are liable to make mistakes. But there certainly are certain rules which should be observed in all well regulated drug stores, and which would greatly decrease the danger. In the first place all poisonous drugs should be kept in a separate case; the bottles in which they are kept should also have a distinct shape, triangular for instance, and should have a rough instead of a smooth surface. In the Charity hospital of New York city, where I was stationed for two years, all poisons were kept that way, and it was next to impossible to make a mistake. The doctors as well as the nurses would, even in the dark, instantly notice when they had a vessel with poison in their hands and could exercise the necessary precaution."

The wisdom of these suggestions is obvious, and it is a question open to debate between now and the coming session of the General Assembly whether they had not better be embodied in a law to that effect. Druggists as a rule are a careful and scrupulous class of men; still human life is too costly to be exposed to the least danger by the momentary forgetfulness, to which everybody is subject at times. A glance behind the prescription desks of most druggists will show that inoffensive and poisonous drugs are preserved in bottles which but too often look alike. And when there is so little difference in the weight and looks of two drugs as between morphine and quinine, that a third sense, the taste, has to be employed to detect the difference, it is only too easy to make a mistake. A law of the kind mentioned would do no harm and no conscientious druggist would object to it.



## SECRETARY'S REPORT.

*From last biennial report, October 31, 1883, to July 31, 1885.*

## AS PER LAST REPORT.

Number of applicants for registration who had failed on first examination and were yet entitled to re-examination.....	83
Of this number there passed on re-examination.....	5
Of this number there were rejected on re-examination.....	12
Lapsed, forfeiting re-examination.....	66
<hr/>	
Total.....	83
Number of new applicants for registration by examination, received since last report (from October 31, 1883, to July 31, 1885).....	338
Of this number there passed on first examination.....	154
Passed on re-examination.....	31
Rejected on re-examination.....	29
Lapsed and forfeiting re-examination.....	48
Number not yet examined.....	6
Number yet entitled to re-examination.....	70
<hr/>	
Total.....	338
Whole number of applicants registered since last report (October 31, 1883).....	200
Number registered as graduates in pharmacy.....	10
Number registered on first examination.....	154
Number registered on re-examination.....	36
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Total.....	200

## TREASURER'S REPORT.

*From last biennial report, October 31, 1883, to July 31, 1885.*

## RECEIPTS FROM OCTOBER 31, 1883, TO JULY 31, 1885.

From 338 applicants for examination.....	\$1,690.00
From 10 applicants as graduates.....	20.00
From 16 duplicate certificates.....	16.00
From 172 changes of locality.....	86.00
From 227 renewals for 1883.....	227.00
From 1885 renewals for 1884.....	1,885.00
From 1663 renewals for 1885.....	1,663.00
From 1 duplicate renewal.....	.25
<hr/>	
Total receipts from all sources to date.....	\$5,557.25

*Deduct expenses since last report—*

Paid for postage stamps.....	\$ 278.64
Paid for stationery.....	48.41
Paid for clerk hire.....	937.90
Paid for printing.....	124.00
Paid for traveling expenses of Commissioners when on Commission work only.....	268.61
Paid for lawyers fees in part.....	75.00
Paid for telegrams, express charges and miscellaneous expenses.....	73.10
<hr/>	
Amount net receipts apportioned to Commissioners..	\$3,751.59

## APPORTIONED FOR YEAR 1884.

R. W. Crawford.....	\$698.71
Geo. H. Schafer.....	698.71
C. A. Weaver.....	698.71
<hr/>	
Total.....	\$2,096.13

## APPORTIONED FOR YEAR 1885.

Geo. H. Schafer.....	\$551.82
R. W. Crawford.....	551.82
C. A. Weaver.....	551.82
<hr/>	
Total.....	\$1,655.46
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Total.....	\$3,751.59



## PHARMACY REGULATIONS.

## REGULATIONS.

Regulation Nos. 1, 2, 3 and 8 having become null and void are omitted. (See Regulation No. 10.)

## REGULATION No. 4.

A registered pharmacist's certificate of registration is required to be conspicuously posted in place of business as evidence to the public who are and who are not authorized by law to conduct the drug business.

Adopted May 7, 1880.

Approved June 24, 1881.

GEO. H. SCHAFER,  
R. W. CRAWFORD,  
C. A. WEAVER,  
*Commissioners of Pharmacy.*

See Sec. 4, Chapter 137, Laws of 1882.

## 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.

Adopted June 4, 1881.

GEO. H. SCHAFER,  
R. W. CRAWFORD,  
C. A. WEAVER,  
*Commissioners of Pharmacy.*

## REGULATION No. 6.

The sale of Homeopathic medicines (not proprietary), properly come under the regulation of the pharmacy law. The sale, therefore, of any quantity of arsenic, aconite, nux vomica, belladonna, and other poisonous preparations enumerated in schedule 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.*

## 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.

Regulations adopted in lieu of No. 8—Regulation No. 8 being hereby annulled.

The Commissioners of Pharmacy have abandoned local examinations at Dubuque, Sioux City and Council Bluffs. Hereafter examinations will be conducted only by the Commissioners themselves, the regular days being 1st and 3d Tuesdays of each month at Ft. Dodge, Des Moines and Fort Madison.

Adopted May 24, 1884.

R. W. CRAWFORD,  
GEO. H. SCHAFER,  
C. A. WEAVER,  
*Commissioners of Pharmacy for the State of Iowa.*

## REGULATION No. 9.

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, acting under official instructions, 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," 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.

Adopted May 8, 1882.



## REGULATION No. 10.

Changes in the pharmacy law have made some new regulations necessary, and rendered some heretofore made unnecessary. Therefore, all former regulations in conflict with the above are null and void.

Adopted May 8, 1882.

## REGULATION No. 11.

In all cases hereafter brought before the Commission of Pharmacy for the purpose of revoking certificates of registration, as provided in sections 7, 8 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 sale of intoxicating liquors, as provided in section 8 or 9; or to the law relating to the retailing of poisons as provided in section 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.

R. W. CRAWFORD, Fort Dodge,  
C. A. WEAVER, Des Moines,  
GEORGE H. SCHAFER, Fort Madison,  
*Commissioners of Pharmacy.*

Approved:

SMITH MCPHERSON,  
*Attorney-General.*

## 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 venders 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 vender.

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 endorsement thereon.

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

*Commissioners of Pharmacy for the State of Iowa.*

Some registered pharmacists in the State are 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 officinal 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 officinal 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 officinal 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 officinal 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.



## REGULATION No. 13.

All green-seal certificates are forfeited on the day two years elapse from date of his (the owners) voluntary severance from the drug business as provided by law.

Adopted February 6, 1885.

## REGULATION No. 14.

The sale of "Rough on Rats" (an arsenical preparation) being one of the poisons included in schedule A, section 9 of chapter 75 of the acts of the Eighteenth General Assembly, and as amended by chapter 137, acts of the Nineteenth 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.

Approved August 10, 1885.

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

*Commissioners of Pharmacy for the State of Iowa.*



## SUPREME COURT DECISIONS.

## STATE OF IOWA v. KNOWLES.

FILED MARCH 22, 1882.

Where, in a prosecution of a registered pharmacist for selling liquors as a beverage, the agreed facts showed that the defendant had sold a pint of whisky to a stranger, upon the simple statement of such person that he was accustomed to taking it and wanted it for medicine; *held*, that a judgment of conviction would not be disturbed.

A justice of the peace has jurisdiction of a prosecution, under the pharmacy act of 1880, for the sale of liquors as a beverage.

*Appeal from Poweshiek District Court.*

An information was filed before a justice of the peace charging that the defendant sold to W. Cullison intoxicating liquor. The defendant was convicted by the justice and appealed to the district court, where he was again convicted, and appeals to this court.

*John F. Lacey and T. C. Reed*, for appellants.

*Smith McPherson*, for the State.

SEEVERS, C. J.—The trial was had before the district court, without the intervention of a jury, upon an agreed statement of facts. No objection is made to the manner the case was tried in the district court. The principal error relied on in substance is that the court erred in finding the defendant guilty under the facts agreed upon. The stipulation is as follows:

“(1) The defendant is a physician and registered pharmacist, and runs and keeps a drug store at Searsboro, in said county. (2) That on or about the eighteenth day of May, 1881, one William Cullison, a stranger to the defendant, called at defendant's drug store and asked if they had whisky. The defendant said they had. Cullison then said he wanted a pint. The defendant told him he was not allowed to sell it except for medicine. Cullison replied that he needed it for medicine; that he was accustomed to taking it, and wanted it for medicine. The defendant then sold him one pint of whisky, and he signed his name on a book kept by the defendant, showing that he got a pint of whisky for medicine. Said Cullison had no prescription from any physician. The defendant did not examine him, or prescribe whisky for him, but simply sold it to him on his statement that he wanted it for medicine, in response to the defendant's statement that he could not sell

it except for medicine. The only question is whether such a sale is in violation of law, or whether the pharmacy law authorizes or makes such sales lawful. The State claims it was merely an evasion of the law, or an attempt at evasion of the law, for the suppression of the unlawful sale of intoxicating liquors. The defendant claims that under the pharmacy law he has the right to sell whisky to any one who calls for it and says it is for medicine, unless he has reason to know that it is wanted for an improper purpose.”

In 1880 the General Assembly passed an act to “regulate the practice of pharmacy and the sale of medicines and poisons.” Miller's Code, 950. It provides that registered pharmacists and “apothecaries \* \* \* shall have the right to keep and sell, under such restrictions as herein provided, all medicines and poisons authorized by the National, American or United States Dispensatory and Pharmacopœia as of recognized medicinal utility.” It is, however, further provided it shall not 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.”

Previous to, and at the time of, the passage of the foregoing act, the sale of intoxicating liquors was absolutely prohibited except by a person duly licensed for that purpose. Code, Secs. 1523, 1526, 1540. It is insisted the act of 1880 repeals or is so in conflict with the foregoing sections that the same, as to druggists, cannot be enforced; and that druggists now have the right to sell intoxicating liquor to any person who purchases the same for and as medicine, the argument being that the several dispensatories mentioned in the statute recognize such liquors as being of “medicinal utility,” and therefore express power is conferred on druggists to sell the same. CONCEDED THIS TO BE SO, IT IS EQUALLY CERTAIN DRUGGISTS CANNOT SELL INTOXICATING LIQUORS AS A BEVERAGE. This being so, we turn to the agreed statement of facts, and therefrom conclude this was left a debatable or unsettled question, to be determined by the jury, or rather, in this case, by the court. Certain facts are agreed upon, which, it may be said, tend to show the liquor was sold as medicine; but the ultimate fact, whether sold as a beverage or medicine, is not agreed upon, but left open to be determined from the evidence—that is, facts agreed on.

We incline to think it is true liquors might be prescribed by a physician and yet the circumstances surrounding the transaction might be such as to warrant the jury in concluding the liquor was sold as a beverage. Conceding a person may prescribe for himself and lawfully determine he should take intoxicating liquors as medicine, and that a druggist in such case may lawfully sell such liquor, it does not follow that it is always so prescribed or sold. It is undoubtedly true, the claim that it is taken as and sold as medicine may be a subterfuge, and that, while in form sold as medicine, IT WAS, IN FACT, A BEVERAGE, AND SO UNDERSTOOD BY BOTH BUYER AND SELLER. THE DRUGGIST MUST ACT IN GOOD FAITH, and the mere fact that a person says he wants intoxicating liquors as medicine will not exonerate the druggist if the circumstances are such as to warrant the court or jury in concluding that, in truth and in fact, it was sold as a beverage. We have no means of knowing upon what ground the court below proceeded, but we are



of the opinion that, under the agreed facts, the court could well have found the liquor was sold in fact as a beverage, and, therefore, under the settled practice, we cannot interfere with such finding.

It is urged the act of 1880 prescribes that the penalty for a violation of its provisions may be a fine of \$100, and for "repeated violations" the name of the offender shall be stricken from the register. It is urged that a justice cannot fine an offender in a greater sum than \$100, and therefore, because of the additional penalty, the justice of the peace did not have jurisdiction of this prosecution. We think this claim is unsound, because the justice did not have the power to strike the name of the defendant from the register. Besides, this offense is the first violation of the act committed by the defendant.

AFFIRMED.

The above case, just decided by the Supreme Court, upon an agreed statement, clearly shows that sales of intoxicating liquors made by Registered Pharmacists simply in FORM OF LAW, but NOT IN GOOD FAITH, are not lawful, and will not be sustained by the courts, thus affirming all that legitimate pharmacists have claimed for the law.

STATE OF IOWA v. H. W. MERCER, APPELLANT.

APRIL 21, 1882.

*Appeal from Madison District Court.*

The defendant was indicted for, and convicted of, the crime of nuisance. In the indictment it was charged that the defendant, on the first day of January, 1879, and on other days between that time and the finding of the indictment, erected and used in the county of Madison a building, with the intent therein to sell intoxicating liquors contrary to law, and did then and there keep and sell intoxicating liquors contrary to law.

In the indictment the defendant pleaded guilty as charged, and judgment was rendered that he pay \$300. Afterward the defendant moved in arrest of judgment, [and for a new trial upon the following grounds: That the judgment is contrary to law; that the facts stated in the indictment do not constitute a crime; that upon the whole record no legal judgment can be pronounced; that the defendant could show, if allowed a new trial, that there were no sales by him of intoxicating liquors to any [one of the witnesses whose names are endorsed on the indictment, until after the FIRST DAY OF APRIL, 1880; and the defendant did not know that he could so prove until after sentence was pronounced upon him; and finally that the fine is

unreasonable and oppressive; the court overruled the motion, and from its order overruling the same the defendant appeals.

A. W. WILKINSON, *for Appellant.*

SMITH MCPHERSON, *Attorney General for the State.*

ADAMS, J.—The defendant contends that the law under which the indictment was found, Title XI, Chap. 6, of the Code, was repealed in part by Chapter 75 of the laws of 18th General Assembly, Miller's Code, page 950.

The act referred to is entitled, An Act to regulate the practice of Pharmacy and the sale of medicines and poisons. It allows the sale, by registered apothecaries, of intoxicating liquors authorized by the National, American or United States Dispensatory or Pharmacopoeia as of recognized medical utility, but only for the legitimate and actual necessities of medicine. It provides a penalty for a violation of the provisions of the act by the sale of intoxicating liquors, somewhat different from the penalty provided in Title XI, Chapter 6, of the Code, for a violation of the provisions thereof by the sale of intoxicating liquors.

In our opinion Title XI, Chapter 6, of the Code, was not repealed except possibly so far AS WAS NECESSARY TO ALLOW SALES BY REGISTERED APOTHECARIES OF INTOXICATING LIQUORS FOR MEDICINE.

Nor do we think that it was necessary that the indictment should charge that the defendant was not a registered apothecary. It charged that the defendant sold intoxicating liquor contrary to law. Whether, if the defendant had pleaded not guilty, it would have been incumbent upon the State to prove that the defendant was not a registered apothecary, we do not determine. Judgment having been rendered upon a plea of guilty, we see no ground for setting it aside.

Nor do we think that we should be justified in reducing the judgment. The presumption must be in favor of the correctness of the action of the court below, and no fact or circumstance is shown to us tending to impeach it.

AFFIRMED.

The above case disproves the incorrect idea promulgated by some, that the pharmacy law had entirely repealed Title XI, Chap. 6, of the Code.

STATE v. HARRIS.

FILED SEPTEMBER 16, 1884.

- I. CRIMINAL PROCEDURE—INTOXICATING LIQUORS—ACQUITTAL—PROCEEDING UNDER CODE, SEC. 1542—SUBSEQUENT INDICTMENT UNDER CODE, SEC. 1543. An acquittal in a proceeding by information under Code, Sec. 1542, is not a bar to a subsequent prosecution by indictment under Sec. 1543.



2. **SAME—JURY PANEL—POWER OF COURT—FILLING VACANCIES.** The district court in a criminal prosecution has power to restrict the number of the panel of jurors to 20, and when a portion only of the number so designated appear, it is not compelled to delay a trial until the panel can be filled from the jury-lists and summoned from the body of the county, but may order jurors to be summoned from persons present in the court.
3. **SAME—INDICTMENT OF LICENSED PHARMACIST—INSTRUCTION.** An instruction, in a prosecution by indictment of a licensed pharmacist for unlawfully selling liquors, that he must have used the utmost good faith and ordinary caution to see that liquor is only sold by him as medicine, and his license will not protect one who artfully sells liquor for other purposes than as medicine, and no cover or subterfuge can be permitted to be used for a substantial violation of the law, is not erroneous.
4. **SAME—RIGHT OF LICENSED PHARMACIST TO SELL LIQUOR.** A pharmacist has a right to sell intoxicating liquors as authorized by law, but he cannot evade the law by giving it away for an unlawful purpose, nor can he evade the law more readily or by any device than a person who has no license.
5. **SAME—SALE OF NATIVE WINE.** The burden is on the accused to show that wine, alleged to have been drunk, was made from grapes grown in this State, and the testimony of a witness that the wine drunk was similar to wine manufactured from native grapes will not warrant an instruction that accused could lawfully sell wine made from such grapes.
6. **SAME—INTENT OF PARTY—KNOWLEDGE OF ACCUSED.** It is immaterial for what purpose the party who, it is alleged, unlawfully procured wine, went to the room where it was drunk, if, while there, he procured the liquor with the knowledge or consent of the accused for unlawful purposes.
7. **SAME—EXCESSIVE FINE—VERDICT—EVIDENCE.** The evidence warranting the verdict of guilty, the court cannot hold the fine of \$300 imposed by the lower court excessive.

*Appeal from Cerro Gordo District Court.*

Indictment charging that the defendant "did erect, establish, and continue a certain building and place in which he kept and sold, and kept with intent to sell, all intoxicating liquors, to-wit, whisky, gin, rum, alcohol, and wine." The indictment was found in March, 1882, and charged that the crime was committed in April, 1881. The defendant pleaded not guilty, and specially that in January, 1882, an information was filed before a justice of the peace charging that the defendant kept "with intent to sell, and selling, intoxicating liquors, as mentioned in the indictment." The defendant was convicted before the justice, and on appeal to the district court he was acquitted. On motion of the State the special defense pleaded was stricken from the files. There was a trial by jury; verdict, guilty; and judgment. The defendant appeals.

*Miller & Cliggitt, for appellant.*

*Smith McPherson, Attorney General, for the State.*

SEEVERS, J.—1. The crime charged in the information is defined in section 1542 of the Code, and that in the indictment in section 1543. The only

difference between the crimes as charged is that under the information proof of a selling, or keeping with an intent to sell, is sufficient, while under the indictment it must be shown that the liquor was sold, or kept with intent to sell, in a building or place. The latter is declared by the statute to be a nuisance. The former is not a nuisance. Under the information the defendant could be convicted if the defendant had the liquor secreted on his person, and sold it whenever and wherever he could find any one willing to purchase. This is not the crime charged in the indictment. Under it, in order to convict, the State must establish that intoxicating liquors were sold, or kept with intent to sell, in a building or place which is resorted to by persons desiring to procure intoxicating liquors; and which building or place, if properly described in the indictment, can, upon the conviction of the defendant, be found and declared to be a nuisance and abated. Of such offense a justice of the peace does not have jurisdiction. The facts pleaded in the special defense did not, therefore, constitute a bar to the crime charged in the indictment.

2. The judge of the district court made an order that twenty persons should be summoned as trial jurors for the term, as provided in Code, Sec. 231. Eighteen only appeared, and one was excused, leaving seventeen in attendance, from which the jury for the trial of this case was to be selected. The defendant challenged, peremptorily, four of the seventeen, which exhausted the panel then present. Whereupon the court directed the panel to be filled by calling persons then present in court. To this the defendant objected, and demanded that the panel be filled from the jury-lists, as provided in section 232 of the Code. Thereupon the court directed an attachment to issue for the two jurors that had failed to appear, and refused to order, the panel to be filled from the jury-lists, and refused to delay the trial for the return of the attachment. To the persons called to fill the panel the defendant objected on the ground they had not been drawn from the jury-lists. The objection was overruled. The court has the power to restrict the number of the jurors to 20; and the question to be determined is whether, when a portion only of the number of persons so designated appear, the court is compelled to delay a trial until the panel can be filled from the jury-lists, and summoned from the body of the county. It may be conceded that, ordinarily, the provisions of the statute in relation to obtaining jurors should be complied with. The object of the statute is to provide means whereby an unprejudiced jury may be obtained. No penalty, however, is attached for a failure to comply literally with the statute, and we think it must be regarded as directory, and that a simple disregard of its provisions, where error does affirmatively appear, is not sufficient to authorize a reversal of the judgment. The court is, and must of necessity be, invested with a judicial discretion in this respect, to the end that justice may be obtained, and that unnecessary delays in the proceedings of courts will not occur.

3. The defendant was a licensed pharmacist, and the court instructed the jury that he must have used the "utmost good faith and ordinary caution to see that liquor is only sold by him as medicine," and that his license "will not protect one who artfully sells liquor for other purposes than as a medi-



cine. No cover or subterfuge can be permitted to be used for a substantial violation of the law." It is urged that the jury must have understood that in the "mind of the court the defendant's business was a series of 'devices,' 'disguises,' 'cover,' and 'artful' contrivances to evade the law;" and therefore the instruction is erroneous. But we do not think this is so. The jury could only have understood that they must not allow the law to be evaded by devices, arts, and contrivances adopted for that purpose, if there was a substantial violation of the statute, and the charge in this respect is correct. Code, section 1554; *Woolheather v. Risley*, 38 Iowa, 486.

In the paragraph of the charge under consideration the court instructed the jury that if the defendant was a licensed pharmacist he had the right to keep liquor for medicinal purposes, and for the purpose of compounding medicines. It is insisted that he had the right to keep liquor for the purpose of compounding medicines if he was not a licensed pharmacist, and that the jury should have been instructed to this effect. Conceding this to be so, the fact that he was not such a pharmacist was not controverted, and therefore the error, if it can be said to be one, was in no respect prejudicial.

4. The court instructed the jury that they were required to construe the law so as to prevent evasion, and so as to cover the act of giving as well as selling intoxicating liquors by persons who are not authorized to dispose of it for the purpose for which it was obtained. This instruction is in accord with Code, section 1554, if the statute applies to a licensed pharmacist. Counsel for the defendant claim that it does not. A pharmacist has the right to sell intoxicating liquors for a purpose authorized by law. He cannot evade the law by giving it away for an unlawful purpose, nor can he evade the law more readily, or by any device, than a person who has no license. The only difference is that a person not licensed, or otherwise authorized by law, cannot sell intoxicating liquors for any purpose, while one who is may sell for a lawful purpose. If the licensed pharmacist sells for any other purpose he is liable, it matters not how artfully he may disguise the purpose for which the sale is made.

5. A witness testified that he drank some wine in the defendant's building, and that it was similar to wine manufactured from native grapes, and it is insisted that the jury should have been instructed the defendant could lawfully sell wine made from such grapes. The evidence did not warrant such an instruction. The burden was on the defendant to show that the wine was made from grapes grown in this State. *State v. Stapp*, 29 Iowa, 551; *Worley v. Spurgeon*, 38 Iowa, 465. The fact that the wine looked, or was similar to native wine, was clearly insufficient. There is no evidence tending to show that native wine can be known by its color or looks, or that there is any difference in this respect between it and other wine.

6. The defendant had a room in which there were kept some books, and it is designated by the witnesses as the library. This room is attached to the drug store of the defendant. In it was kept, at times, at least, wine and other liquors. The defendant sought to prove that a witness was in

the *habit* of going into this room for the purpose of reading and procuring books without asking permission of the defendant. This evidence was offered for the purpose of showing that if the witness, while in the room, drank liquor, that the defendant might not have known that he went there for that purpose, but went solely to procure books. It matters not for what purpose the defendant went to the library. It was for the jury to say whether, while there, he procured liquor with the knowledge or consent of the defendant for unlawful purposes.

The evidence warrants the verdict, and the defendant was fined \$300 which we are asked to reduce, on the ground that it is excessive. This we cannot do. We think the court was justified in imposing the fine it did.

AFFIRMED.



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ABSTRACT

OF

State Pharmacy Register

TO

SEPTEMBER, 1885.

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ABSTRACT OF STATE PHARMACY REGISTER.

The character [—] shows delinquents.

Number of certificate.	NAME.	How regis-tered.	Place of reg-istration.	Last report-ed address	CERTIFICATE RENEWED FOR.	REMARKS.
41	Adams, John Quincy.....	Without Examin.	Nora Springs .....	.....	1882, 83, —, —	Delinquent 2 years.
74	Asbury, T. P.....	"	Eugene .....	Tingley.....	1882, 83, 84, 85	
121	Artz, David.....	"	Donnellson.....	.....	1882, 83, 84, 85	
152	Allison, W. F.....	"	Le Mars.....	.....	—, —, —, —	Forfeited.
209	Anderson, A. G.....	"	Boone.....	Ogden .....	1882, 83, 84, 85	
232	Anderson, Alfred A.....	"	Boone.....	.....	1882, 83, 84, 85	
328	Atkins, J. B.....	"	Council Bluffs.....	.....	1882, 83, 84, 85	
464	Anderson, August.....	"	Denison .....	.....	1882, 83, 84, 85	Out of business.
511	Adair, W. R.....	"	Washington.....	.....	1882, 83, 84, 85	
539	Auld, James H.....	"	Dallas .....	.....	1882, 83, 84, 85	
637	Adair, Chas. B.....	"	Hastings .....	Logan .....	1882, 83, .....	Superseded 2605.
641	Anderson, L. J.....	"	Humboldt .....	.....	1882, 83, 84, 85	
649	Axline, Wm. H.....	"	Harlan .....	.....	1882, 83, 84, 85	
676	Ardery, L.....	"	Knoxville.....	.....	1882, —, —, —	Forfeited.
755	Armstrong, J. M.....	"	Lisbon.....	.....	1882, 83, —, —	Delinquent 2 years.
785	Apland, O. B.....	"	Sheldahl .....	.....	1882, 83, 84, —	Sold out.
833	Arnold, C. V.....	"	Mt. Pleasant.....	.....	1882, 83, 84, 85	
858	Alverson, David.....	"	Marengo.....	.....	1882, 83, .....	Superseded by 2652.
859	Alverson, E. C.....	"	Marengo.....	.....	1882, 83, .....	Superseded by 2632
891	Atwater, Frank J.....	"	Manchester.....	.....	1882, 83, 84, 85	
1127	Alexander, D. E.....	"	Des Moines.....	.....	1882, 83, .....	Superseded by 2726.
1134	Allen, Wm. P.....	"	Dubuque .....	.....	1882, 83, 84, 85	
1208	Ayers, Warren L.....	"	Sheldon .....	.....	1882, 83, 84, 85	
1223	Anthony, N. B.....	"	Stanwood.....	.....	—, —, —, —	Forfeited.
1229	Armstrong, Elijah H.....	"	Seymour.....	.....	1882, 83, 84, 85	



ABSTRACT—CONTINUED.

Number of certificate.	NAMES.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
1250	Armstrong, Thos. K.	Without examin.	Toledo		1882, 83, 84, 85	
1267	Arnett, Seth J.	"	Union		—, —, —, —	Forfeited.
1294	Agnew, David G.	"	Wilton Junction		1882, 83, 84, 85	
1305	Ahlers, Richard R.	"	Waverly		—, —, —, —	Forfeited.
1495	Allen, R. T.	"	Centerville		1882, —, —, —	Forfeited.
1497	Aldrich, Edwin A.	"	Creston		1882, 83, —, —	Delinquent 2 years.
1505	Adams, Wm. E.	"	Farragut		1882, 83, 84, 85	
1532	Anderson, A. J.	"	red Oak		—, —, —, —	Forfeited.
1638	Archer, Wm. H.	"	Bear Grove		1882, 83, 84, 85	
1667	Axt, Julius H.	By examination.	Fort Madison	Ottumwa	1882, 83, —, —	Delinquent 2 years.
1699	Amos, Albert	"	Nora Springs		1882, —, —, —	Delinquent 3 years.
1709	Arnold, Charles	"	Creston		1882, 83, 84, 85	
1738	Alcorn, James A.	"	Mt. Sterling		1882, —, —, —	Dead.
1748	Anderson, Wm. M.	Without examin.	St. Charles		1882, 83, 84, 85	
1786	Arnold, Chas. F.	By examination.	Sioux City		1882, 83, 84, 85	
1801	Armstrong, B. S.	"	Indianola		1882, 83, 84, —	Delinquent 1 year.
1826	Atkinson, W. R.	Without examin.	Monmouth		—, —, —, —	Forfeited.
1843	Arnold, M. O.	"	Mount Pleasant		—, —, —, —	Forfeited.
1981	Alexander, Robert H.	By examination.	Oskaloosa	Cameron, Mo.	1882, 83, 84, 85	
1996	Allen, B. F.	"	Story City		1882, —, —, —	Delinquent 3 years.
2035	Alyord, Wm. B.	Without examin.	Booneville		1882, 83, —, —	Delinquent 2 years.
2054	Ashcraft, Geo. O.	By examination.	Webster City		1882, 83, 84, 85	
2061	Allen, B. F.	"	Wellman	Morse	1883, 84, 85	
2107	Armstrong, R. B.	Without examin.	Polk City		1882, 83, —, 85	
2131	Atwell, F. C.	By examination.	Cedar Falls		1882, 83, 84, —	Gone to Illinois.
2200	Anderson, Edwin	"	Manson	Ruthven	1882, 83, 84, 85	
2202	Ackler, Julian C.	"	Newell		—, —, —, —	Dead.
2237	Albee, M. P. W.	"	Spencer		1882, 83, —, —	Out of business.
2241	Alexander, W. A.	"	Leon		1882, 83, 84, 85	

2257	Ahler, R. R.	By examination.	Tripoli		1882, —, —, —	Delinquent 3 years.
2263	Allen, Austin B.	"	Clearfield		1882, 83, 84, 85	
2271	Auld, J. M.	"	Keota		1882, 83, 84, 85	
2274	Anderson, J. A.	"	Sheldahl		1882, 83, 84, 85	
2347	Allen, W. C.	"	Hopkinton		1882, —, —, —	Delinquent 3 years.
2293	Alexander, Wm. H.	"	Mount Ayr		1882, 83, . . .	Dead.
2366	Andrews, Chas. H.	"	Exira		1882, 83, 84, 85	
2392	Allman, J. B.	"	Atlantic		—, —, —, —	Delinquent 3 years.
2401	Arderly, J. I.	"	Newbern		1883, 84, 85	
2411	Armstrong, G. W.	"	Centerville		1883, 84, 85	
2479	Arthur, Chas. H.	"	Webster City	Webster City	1883, 84, 85	
2505	Adams, Rudolph	"	Cedar Rapids		1883, 84, . .	Dead.
2506	Adams, Chas. R.	"	Cedar Rapids		1883, 84, 85	
2544	Aplin, Arthur S.	"	Cambridge		1883, 84, 85	
2581	Alexander, T. R.	"	Marion		1883, 84, 85	
2605	Adair, Chas. R.	"	Logan		1884, 85	
2632	Alverson, E. C.	"	Marengo		1884, 85	
2652	Alverson, D.	"	Marengo		—, —, —, —	Out of business.
2662	Adams, Jno. R.	"	De Soto	Harlan	1884, 85	
2670	Ayers, J. N.	"	Cedar Rapids		1884, 85	
2673	Arthur, W. C.	"	Odebolt		1884, 85	
2726	Alexander, D. E.	"	Des Moines		1884, 85	Now in Omaha.
2738	Arnold, Robert R.	"	Humeston		1885	
2905	Ayars, H. E.	"	Yale		—, —, —, —	
2	Binford, E.	Without examin.	Dixon		1882, 83, 84, 85	
8	Babson, James E.	"	Mormontown		1882, 83, 84, 85	
21	Bickford, G. W.	"	Independent	Eldon	1882, 83, 84, 85	
34	Burkhardt, A.	"	Watkins		1882, 83, 84, —	Delinquent 1 year.
35	Brewster, Robt. R.	"	Battle Creek	Radcliff	1882, 83, 84, —	Washington Ter.
36	Bacon, U. M.	"	Harpers' Ferry		—, —, —, —	Forfeited.
46	Brunk, Wm. M.	"	Pulaski		1882, 83, 84, —	Delinquent 1 year.
72	Burnside, J. M.	"	Waucoma		1882, 83, 84, 85	
84	Burroughs, S. E.	"	Holland		—, —, —, —	Superseded by 2168.
85	Bills, E. B.	"	Durant		1882, 83, 84, 85	
94	Bickford, D. R.	"	Eldon		1882, 83, 84, —	Delinquent 1 year.
97	Budge, W. H.	"	Rock Rapids		—, —, —, —	Forfeited.
98	Bissell, Lyman A.	"	Brandon		1882, 83, 84, 85	
101	Beck, W. G.	"	Leon	Leon	1882, 83, . . .	Dead.



ABSTRACT—CONTINUED.

Number of certificate.	NAMES.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
107	Beck, Chas. W.	Without examin.	Leon	Grand River	1882, 83, 84, —	Forfeited.
124	Battles, Rhoda M.	"	Onslow	"	1882, 83, 84, 85	"
125	Battles, James W.	"	Onslow	"	1882, 83, 84, 85	"
130	Burns, R. K.	"	Redding	"	1882, 83, —, —	Gone to Nebraska.
162	Bair, Adam	"	Rochester	"	1882, 83, 84, 85	"
187	Bowman, John E.	"	Mt. Sterling	"	1882, 83, 84, 85	"
193	Briggs, Joseph	"	Springfield	"	1882, —, —, —	Forfeited.
198	Bowie, James	"	River Sioux	"	1882, 83, 84, 85	"
200	Brown, Caleb	"	Rose Hill	"	1882, 83, 84, ..	Superseded by 2811.
204	Boyer, Francis H.	"	Red Oak Junction	"	1882, 83, 84, 85	"
215	Boerner, H. W.	"	Iowa City	"	1882, 83, 84, 85	"
218	Blackman, W. W.	"	West Mitchell	"	1882, 83, 84, 85	"
221	Black, Thos. A.	"	Webster City	"	—, —, —, —	Forfeited.
253	Benson, John R.	"	Arcadia	"	—, —, —, —	Forfeited.
264	Brenton, J. B.	"	Adel	"	1882, 83, 84, 85	"
265	Brenton, A. G.	"	Adel	"	1882, 83, 84, 85	"
267	Booth, W. H.	"	Altoona	Mitchellville	1882, 83, 84, 85	"
280	Barstow, E.	"	Ames	"	1882, —, —, —	Forfeited.
281	Bousquet, John J.	"	Ames	"	1882, 83, —, —	Forfeited.
297	Breese, Ambrose	"	Bellevue	"	1882, 83, 84, —	Delinquent one year.
315	Beardsley, Wm.	"	Beacon	"	1882, 83, 84, 85	"
323	Burrows, John P.	"	Clarinda	"	1882, 83, 84, 85	"
324	Bailey, A. S.	"	Cromwell	"	1882, 83, 84, 85	"
326	Beberger, George F.	"	Carroll	"	1882, 83, 84, 85	"
331	Blair, W. H.	"	Clarence	"	1882, 83, 84, 85	"
332	Bailey, N. P.	"	Cedar Rapids	"	1882, 83, 84, —	Delinquent one year.
334	Bye, Sam'l K.	"	Coifax	"	—, —, —, —	Dead.
335	Benedict, Geo.	"	Cascade	Maxwell	1882, 83, 84, 85	"
360	Bagnall, John J.	"	College Springs	"	1882, 83, 84, 85	"

STATE PHARMACY REGISTER.

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361	Bagnall, George W.	Without examin.	College Springs	"	1882, 83, 84, 85	Forfeited.
370	Burk, Levi	"	Clarinda	"	1882, —, —, —	Forfeited.
377	Billau, J. Louis	"	Cedar Rapids	"	1882, 83, 84, 85	"
378	Billau, Charles F.	"	Cedar Rapids	"	1882, 83, 84, 85	"
389	Banning, Cyrus W.	"	Cincinnati	"	—, —, —, —	Forfeited.
405	Bryant, Wm C.	"	Cedar Falls	"	1882, 83, 84, 85	"
416	Bartlett, Joseph W.	"	Des Moines	"	1882, 83, —, —	Forfeited.
428	Blackinton, Wm. M.	"	Denmark	"	1882, 83, 84, 85	"
444	Braniff, James	"	Dallas Center	Des Moines	1882, 83, 84, 85	"
449	Ballard, John W.	"	Davenport	"	1882, 83, 84, 85	"
451	Bigelow, I. J.	"	Dyersville	"	1882, 83, —, —	Delinquent 2 years.
457	Brayton, Charles J.	"	Dubuque	"	1882, 83, —, —	Out of bus's, forf'd.
463	Bullock, Charles	"	Denison	"	1882, 83, .....	Superseded by 2483.
473	Baker, William	"	Des Moines	"	1882, 83, 84, 85	"
493	Booth, A. E.	"	Prescott	"	1882, 83, 84, 85	"
521	Beardsley, A. M.	"	Council Bluffs	"	1882, 83, 84, 85	"
547	Bayless, Frank D.	"	Elkader	"	1882, 83, 84, 85	"
549	Boller, Valentine	"	Elkader	"	1882, 83, 84, —	Columbus, Neb.
573	Blennerhassett, A.	"	Forest City	"	1882, 83, 84, 85	"
576	Bradshaw, A. C. D.	"	Fairfield	"	1882, 83, 84, 85	"
577	Beck, Louis H.	"	Farley	"	1882, 83, —, —	Red Cloud, Neb.
613	Baker, Bion A.	"	Greeley	"	1882, —, —, —	Forfeited.
614	Blodgett, Milo	"	Greeley	Greeley	1882, 83, 84, 85	"
629	Baldwin, Emmet V.	"	Hampton	"	1882, 83, 84, 85	"
635	Babcock, N. W.	"	Harlan	"	1882, 83, 84, 85	"
665	Buffington, C. A.	"	Indianola	"	1882, 83, 84, 85	"
668	Boerner, Emil L.	"	Iowa City	"	1882, 83, 84, 85	"
679	Bleakmore, J. B.	"	Keosauqua	"	1882, 83, 84, 85	"
690	Bartlett, George F.	"	Keokuk	"	1882, 83, 84, 85	"
705	Bronson, Andrew H.	"	Keokuk	"	—, —, —, —	Dead.
706	Bronson, Eugene C.	"	Keokuk	"	1882, 83, 84, —	Delinquent 1 year.
713	Bush, John V.	"	Colesburg	"	1882, 83, 84, 85	"
727	Buzard, Samuel	"	Attica	"	—, —, —, —	Forfeited.
730	Busch, Wm. C. A.	"	Davenport	Muscatine	1882, 83, 83, 85	"
731	Busch, Theodore H.	"	Davenport	"	1882, 83, 83, 85	"
741	Blachley, Eben V.	"	Lake City	Coon Rapids	1882, 83, —, —	Delinquent 2 years.
744	Boynton, F. S.	"	La Porte City	"	1882, 83, 83, 85	"
759	Brownell, E. L.	"	Spirit Lake	"	1882, 83, 83, 85	"
768	Brooks, Charles A.	"	Lenox	"	—, —, —, —	Forfeited.

1885.]

STATE PHARMACY REGISTER.



Number of certificate.	NAMES.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
776	Bissell, Charles E.	Without examin.	Lovilia		1882, 83, 84, 85	
777	Bissell, Virgil R.	"	Lovilia		1882, 83, 84, 85	
778	Batchelder, Albert M.	"	Traer		—, —, —, —	Forfeited.
783	Bliss, Ethan	"	Cedar Rapids		1882, 83, 84, 85	
791	Beech, Thos. C.	"	Cedar Rapids		1882, 83, 84, —	Delinquent one year.
794	Benisk, Vaclav	"	Cedar Rapids		1882, 83, 84, 85	
807	Boyd, Marion H.	"	Lost Nation	Defiance	1882, 83, 84, 85	
808	Boyd, John R.	"	Lost Nation	Defiance	1882, 83, —, —	Superseded by 2618.
817	Blosser, Geo. W.	"	Moulton		1882, 83, 84, 85	
818	Blosser, Lewis	"	Moulton	Kellogg	1882, 83, 84, 85	
821	Bibbins, M. W.	"	Marshalltown		1882, 83, 84, 85	
839	Billings, M. F.	"	McGregor		—, —, —, —	Forfeited.
841	Bacher, John H.	"	Monticello		1882, 83, 84, 85	
872	Belding, Albert L.	"	Malcom		1882, 83, 84, 85	
908	Blake, Mrs. Charles Pratt	"	Mason City		—, —, —, —	Forfeited.
918	Bilden, Lars T.	"	Decorah		1882, 83, —, —	Delinquent 2 years.
912	Bowman, Jas. K.	"	Beaman		1882, 83, 84, 85	
936	Bowen, C. T.	"	New Sharon		1882, 83, 84, 85	Revoked.
940	Briggs, L. L.	"	New Hampton		1882, 83, 84, 85	
952	Briggs, Samuel E.	"	Nevada		1882, 83, 84, 85	
955	Birney, Clavins C.	"	Nora Springs		1882, 83, 84, 85	
956	Birney, Matilda A.	"	Floyd		—, —, —, —	Forfeited.
968	Bristol, Albert L.	"	Oxford Mills		1882, 83, —, —	Delinquent 2 years.
1002	Bruce, E. E.	"	Ottumwa		1882, 83, 84, 85	
1015	Burleigh, Frank	"	Odebolt		1882, 83, 84, —	Delinquent one year.
1016	Boardman, C. D.	"	Odebolt		1882, 83, 84, 85	
1025	Battin Wm. H.	"	Oxford Mills		—, —, —, —	Forfeited.
1032	Brown, Elmer H.	"	Osceola		1882, 83, 84, 85	
1037	Briggs, Henry L.	"	Oskaloosa		—, —, —, —	Forfeited.

STATE PHARMACY REGISTER.

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1041	Beechler, John C.	Without examin.	Oskaloosa		1882, 83, 84, 85	
1042	Beechler, Geo. N.	"	Oskaloosa		1882, 83, 84, 85	
1059	Blanchaine, Chas. H.	"	Postville	Ossian	1882, 83, 84, 85	
1068	Beckwith, Joseph C.	"	Preston	Ireton	1882, 83, 84, 85	
1109	Boale, Malcom	"	Douglass	Maynard	1882, 83, 84, 85	
1125	Bush, L. H.	"	Des Moines		1882, 83, 84, 85	
1126	Balluff, Aug. A.	"	Davenport		1882, 83, —, —	Forfeited.
1142	Birney, Catherine	"	Floyd		1882, 83, 84, 85	
1143	Birney, Lewis	"	Floyd		1882, 83, 84, 85	
1146	Baker, Simpson P.	"	Indianapolis		1882, 83, 84, 85	
1157	Birchard, A. T.	"	Marshalltown		1882, 83, 84, 85	
1159	Birchard, P. T.	"	Marshalltown		1882, 83, 84, 85	
1175	Brown, Wm. K.	"	Dubuque		1882, 83, 84, 85	
1180	Brayton, C. S.	"	State Center		1882, —, —, —	Forfeited.
1181	Brimhall, S. M.	"	State Center	State Center	1882, 83, 84, 85	
1182	Brimhall, Charles W.	"	State Center		1882, 83, 84, 85	
1189	Baxter, George W.	"	Spirit Lake		1882, 83, 84, 85	
1190	Burnett, Ed. G.	"	Shenandoah		1882, 83, 84, —	Delinquent one year.
1198	Brincken, Anton	"	Sabula		1882, 83, 84, 85	
1205	Brown, Daniel D.	"	Storm Lake		1882, 83, —, 85	
1232	Bishop, Ed. W.	"	State Center		1882, 88, 84, 85	
1233	Brayton, James D.	"	State Center		1882, —, —, —	Forfeited.
1245	Barnes, Eugene R.	"	Sumner		—, —, —, —	Forfeited.
1254	Beach, Ed. N.	"	Troy Mills		1882, 83, 84, 85	
1259	Bonney, Oliver D.	"	Traer		1882, 83, 84, 85	
1261	Baker, Elnora	"	Traer		1882, 83, 84, 85	
1269	Beaver, Charles V.	"	Hepburn		—, —, —, —	Retired; forfeited.
1285	Brubaker, Jos. S.	"	Vinton		1882, 83, 84, 85	
1308	Burbank, A. W.	"	Waverly		1882, 83, 84, —	Delinquent one year.
1318	Bostelmann, C. F. G.	"	Walnut	West Side	1882, 83, —, —	Forfeited.
1326	Bent, Curtis R.	"	West Union		—, —, —, —	Retired; forfeited.
1336	Barber, Earll	"	Waterloo		1882, 83, 84, 85	
1342	Blythe, James C.	"	Woodburn		—, —, —, —	Retired; forfeited.
1343	Burnham, Milo L.	"	Waterloo		—, —, —, —	Retired; forfeited.
1358	Barnes, O.	"	Walker		1882, 83, 84, —	Delinquent one year.
1362	Byrnes, Thos.	"	Walcott		1882, 83, 84, 85	
1387	Baughman, J. F.	"	Kinross		1882, 83, 84, 85	
1392	Birney, Ada F.	"	Greene		1882, 83, 84, 85	
1410	Brown, W. Edgar	"	Manchester		1882, 83, 84, 85	

1885.]

STATE PHARMACY REGISTER.

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ABSTRACT—CONTINUED.

Number of certificates.	NAMES.	How regis-tered.	Place of reg-istration.	Last reported address.	CERTIFICATE RENEWED FOR	REMARKS.
1413	Budde, Louis.....	Without examin.	North McGregor .....	.....	1882, 83, 84, 85	
1414	Briggs, Wm. F. ....	"	Nevada.....	.....	1882, 83, 84, 85	
1417	Brinkhoff, F. W. ....	"	Pella .....	.....	1882, 83, 84, 85	
1452	Barker, Ira N. ....	"	Sac City .....	Lake City.....	1882, 83, —, —	Forfeited.
1474	Baker, Z. T. ....	"	Lone Tree .....	.....	—, —, —, —	Forfeited.
1475	Baker, M. ....	"	Lone Tree .....	.....	—, —, —, —	Forfeited.
1480	Berg, E. ....	"	Charles City.....	.....	1882, 83, 84, ..	Dead.
1490	Bennett, Norman .....	"	Mechanicsville.....	.....	1882, 83, 84, 85	
1492	Brown, Wm. C. ....	"	Cresco .....	.....	1882, 83, 84, 85	
1502	Bender, W. L. ....	"	Spencer .....	.....	1882, 83, —, —	Forfeited.
1515	Beman, F. W. ....	"	Brush Creek.....	.....	—, —, —, —	Forfeited.
1524	Birney, E. E. ....	"	Floyd .....	Green .....	1882, 83, 84, —	Delinquent 1 year.
1535	Bruce, O. M. ....	"	Walnut.....	.....	1882, 83, 84, 85	
1536	Benson, Nils J. ....	"	Burlington .....	Morning Sun ..	1882, 83, 84, 85	
1546	Baker, W. E. ....	"	Hazleton .....	.....	1882, 83, 84, 85	
1554	Barton, A. W. ....	"	Harlan.....	.....	1882, 83, 84, —	Delinquent 1 year.
1557	Bixbey, R. J. ....	"	Edgewood.....	.....	1882, 83, 84, 85	
1558	Blanchard, Lewis.....	"	Edgewood.....	.....	1882, 83, 84, 85	
1559	Brown, J. A. ....	"	Clifton.....	.....	—, —, —, —	Forfeited.
1562	Bell, S. C. ....	"	Attica.....	.....	1882, 83, —, —	Delinquent 2 years.
1580	Bennett, Lines .....	"	Mechanicsville.....	.....	—, —, —, —	Retired; forfeited.
1581	Bailey, E. F. ....	"	Rockford .....	.....	1882, —, —, —	Forfeited.
1582	Byram, M. W. ....	"	Fremont.....	.....	1882, 83, 84, 85	
1602	Bridges, John .....	"	Kossuth.....	.....	1882, 83, 84, 85	
1614	Bergen, S. R. ....	"	Cantril .....	.....	1882, —, —, —	Forfeited.
1619	Baxter, C. V. ....	"	De Witt.....	.....	1882, 83, 84, 85	
1626	Bissell, Frank S. ....	"	Dunlap.....	.....	1882, 83, 84, ..	Revoked.
1627	Ballantyne, J. C. ....	"	Brooklyn .....	.....	1882, 83, 84, 85	
1633	Brookings, D. J. ....	"	Xenia .....	Woodward .....	1882, 83, 84, 85	

1662	Baker, Edwin D. ....	Without examin.	Council Bluffs.....	.....	1882, 83, 84, 85	
1691	Broadie, A. A. ....	By examination.	Waverly .....	.....	1882, 83, 84, 85	
1726	Bell, Hugh .....	Without examin.	Kinross.....	.....	—, —, —, —	Dead.
1729	Baker, Charles W. ....	"	Des Moines.....	.....	1882, 83, 84, 85	
1737	Barker, John M. ....	"	Estherville.....	.....	1882, 83, 84, 85	
1757	Brown, James M. ....	"	Cambridge.....	.....	1883, 84, 85	
1769	Bergeman, A. F. ....	"	Spirit Lake.....	.....	1882, 83, —, —	Forfeited.
1787	Baxter, A. ....	By examination.	Orient.....	.....	—, —, —, —	Dead.
1789	Barber, George M. ....	"	Walnut.....	Manning.....	1882, 83, 84, 85	
1790	Breitenstein, Charles P. ....	"	Ft. Madison.....	.....	1882, 83, 84, —	Left the State.
1807	Blum, Charles C. ....	Without examin.	Rossville .....	.....	1882, 83, 84, 85	
1808	Beeman, C. D. ....	"	Waukon.....	.....	1882, 83, 84, 85	
1824	Babcock, E. M. ....	"	Wyoming.....	.....	1882, 83, 84, 85	
1830	Baughman, Oliver F. ....	"	Kinross.....	.....	1882, 83, 84, 85	
1842	Bolton, Frank B. ....	"	New Hartford.....	.....	1882, 83, 84, 85	
1852	Brackett, A. B. ....	By examination.	Goldfield.....	.....	1882, 83, 84, 85	
1858	Bentley, N. J. ....	"	Oskaloosa.....	.....	1882, 83, 84, 85	
1870	Bice, D. Corwin.....	"	De Soto.....	.....	1882, 83, 84, 85	
1882	Ballard, E. H. ....	"	Estherville.....	.....	1882, 83, 84, 85	
1884	Barker, Wm. W. ....	"	Hastings.....	.....	—, —, —, —	Retired.
1892	Burns, J. O. ....	"	Ottumwa.....	.....	1882, 83, 84, 85	In Emporia, Mo.
1896	Bothwell, G. Wendell .....	"	Fonda.....	.....	1882, 83, 84, —	Delinquent 1 year.
1915	Breneman, J. T. ....	"	Audubon.....	Gray.....	1882, 83, —, —	Delinquent 2 years.
1927	Brown, E. H. ....	"	Burlington.....	.....	1882, 83, 84, 85	
1934	Burroughs, J. R. ....	"	Washington.....	.....	1882, 83, 84, 85	
1943	Boorse, H. A. ....	"	Bloomfield.....	.....	—, —, —, —	Norristown, Pa.
1951	Blackmer, Benj. P. ....	Without examin.	Bonaparte.....	.....	1882, 83, 84, 85	
1962	Bone, H. C. ....	"	Westerville.....	Grand River.....	1882, 83, 84, 85	
1966	Bosworth, Drake S. ....	"	Ames.....	.....	1882, 83, 84, 85	Dead.
1990	Brotherlin, H. L. ....	By examination.	Tipton.....	.....	1882, 83, 84, 85	
2001	Budrow, W. C. ....	"	Ogden.....	.....	1894, —, —, —	Delinquent 1 year.
2019	Bottorff, Isaac W. ....	Without examin.	Martinsburg.....	.....	1882, 83, 84, 85	
2027	Bort, Frank J. ....	"	Rockford.....	.....	1882, 83, 84, —	Delinquent 1 year.
2028	Bonesteel, Wm. J. ....	"	Grand Mound.....	Scranton .....	1882, 83, 84, —	Now in Nebraska.
2033	Behle, Wm. H. ....	"	Garnavillo.....	.....	—, —, —, —	Forfeited.
2037	Bone, James A. ....	"	Westerville.....	.....	1882, 83, —, —	Sold out.
2051	Barnes, D. B. ....	By examination.	Des Moines.....	.....	1882, 83, 84, 85	
2062	Brocket, Milton H. ....	"	Vandalia.....	Runnells.....	1882, 83, 84, 85	
2079	Bell, F. E. ....	"	Newburn.....	.....	—, —, —, —	Palmyra, Ill.



ABSTRACT—CONTINUED.

Number of certificate.	NAMES.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR	REMARKS.
2081	Burroughs, Stephen W.	By examination.	Holland.		1882, 83, 84, 85	
2082	Britton, Charles H.	"	Winterset.		—, —, —, —	Berlin, Wis.
2098	Bathey, Wm. E.	"	Muscatine.		1882, 83, 84, 85	
2100	Burr, Theodore B.	"	Garrison.	Astor.	1883, 84, 85	
2103	Barr, George W.	"	Iowa City.	Grundy Center.	1882, —, —, —	Removed.
2108	Brooks, John E.	Without examin.	Clinton.		1882, 83, 84, 85	
2136	Black, George W.	By examination.	Ellsworth.		1882, 83, 84, —	Washington Ter.
2150	Berryhill, Wm.	"	Clarinda.	Coin.	1882, 83, 84, 85	
2166	Burbank, Jerome.	"	Allison.		1882, 83, 84, 85	
2168	Burroughs, Samuel E.	"	Holland.	Allison.	1882, 83, 84, 85	
2176	Budd, Frank Murrell.	Graduate.	Dubuque.		—, —, —, —	Forfeited.
2177	Blachley, Milan A.	By examination.	Lake City.	Bayard.	1882, 83, —, —	Out of business.
2182	Bodle, F. S.	"	Grinnell.		1882, 83, —, —	Gone to California.
2187	Burns, E. M.	"	Council Bluffs.	Mason City.	1882, 83, 84, 85	
2189	Deldin, M. J.	"	Canton.		1882, 83, 84, 85	
2199	Bradshaw, J. B.	"	Stiles.		1882, 83, —, —	Dead.
2224	Butts, F. M.	"	Wesley.		1882, 83, 84, 85	
2232	Bonner, Ephriam.	"	Rockwell.		1882, —, —, —	In Dakota.
2253	Brush, George W.	"	Traer.	Tama City.	1882, 83, 84, 85	
2330	Brown, Artemus.	"	Le Roy.	Westerville.	1882, 83, 84, 85	
2335	Bennett, Jos. W.	"	Waverly.		1882, 83, 84, —	In Janesville, Ia.
2359	Bruner, D. M.	"	Clio.		1882, 83, 84, 85	
2308	Bibbins, A. L.	"	Marshalltown.	Bedford.	1882, 83, 84, 85	
2317	Billings, R. F.	"	Sioux Rapids.		1882, 83, —, —	Left the country.
2371	Berryman, A. W.	"	Bancroft.		1882, 83, 84, 85	
2382	Balkham, S. L.	"	Oakland.		1883, 84, 85	
2389	Bedford, A. D.	"	Sioux City.		—, —, —, —	Delinquent 3 years.
2393	Bentley, E. M.	"	Northboro.	Blanchard.	—, —, —, —	Coleman, Dakota.
2405	Brittan, Jr., Stephen P.	"	Rockford.	Rockford.	1883, 84, 85	

2428	Barney, J. H.	By examination.	Webster City.	Sioux Rapids.	1883, 84, 85	
2432	Burnett, Milo T.	"	Clyde.	Baxter.	18—3, 84, 85	
2439	Bailey, W. C.	"	Ottumwa.	Ottumwa.	1883, —, —, —	Left the town.
2441	Bosley, James E.	"	Marengo.	Dexter.	1883, 84, 85	
2443	Babcock, James F.	"	New Hampton.		1883, 84, —	Out of business.
2444	Bland, J. C. W.	"	Moravia.		1883, —, —, —	Delinquent 2 years.
2453	Brokaw, Norton.	"	Clarinda.		1883, 84, —	In St. Joseph, Mo.
2454	Berry, W. F.	"	Moulton.		1883, 84, 85	
2472	Bryant, Z. Z.	"	Summer.		1883, 84, 85	
2481	Blythe, C.	"	Woodburn.		1883, 84, 85	
2483	Bullock, Chas.	"	Denison.		1883, 84, 85	
2497	Bachman, E. W.	"	West Bend.		1883, 84, 85	
2511	Bauer, Wm.	"	Des Moines.		1883, 84, 85	
2513	Brubaker, Chas.	"	Vandalia.		1883, 84, 85	
2522	Brownrig, Wm. J.	"	Persia.	Council Bluffs.	1883, 84, 85	
2523	Brower, J. H.	"	Calliope.		1883, 84, 85	
2531	Bielenberg, Jno.	"	Wheatland.		1883, 84, 85	
2543	Burhans, Orvis M.	"	Essex, Page county.		1883, —, —, —	In Nebraska.
2553	Byrns, J. A.	"	Marshalltown.		1883, 84, 85	
2567	Bilby, A. M.	"	Harvard.	Mt. Ayr.	1883, 84, 85	
2580	Babcock, F. J.	"	Humboldt.	Waucoma.	1883, 84, 85	
2596	Bonham, John C.	"	Sutherland.		1884, —, —, —	Out of business.
2597	Baron, Henry S.	"	Orange City.		—, —, —, —	Delinquent 3 years.
2618	Boyd, John R.	"	Defiance.		1884, 85	
2623	Blair, W. G.	"	Council Bluffs.		—, —, —, —	In Wisconsin.
2629	Baker, Frank J.	"	Sioux City.	Sioux City.	1884, 85	
2640	Bailey, W. C.	"	Corydon.		—, —, —, —	In California.
2646	Boller, F. A.	"	Elkader.		1884, 85	
2649	Banks, E. H.	"	Quorn.	Kingsley.	1884, 85	
2651	Bennie, Andrew.	"	Holt.		1884, —, —, —	Delinquent 1 year.
2654	Branson, W. S.	"	Irwin.		1884, 85	
2657	Brooks, A. L.	"	Gray.		1884, 85	
2667	Bucklin, jr., Samuel S.	"	Des Moines.		—, —, —, —	Now at Chicago.
2703	Beppler, J. F.	"	Red Oak.	Indianola.	1884, 85	
2725	Brobst, D. B.	"	La St Nation.		1884, 85	
2723	Bagley, James W.	"	Afton.		1884, 85	
2780	Baker, B. B.	"	Corning.		1885	
2795	Black, Edwin T.	"	Creston.		—, —, —, —	Delinquent 1 year
2805	Bullock, Frank H.	"	Fayette.		1885	



ABSTRACT—CONTINUED.

Number of certificate.	NAMES.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
2811	Brown, Caleb	By examination.	Sac City		1885	
2824	Bennett, Theo. W.	"	Lenox		1885	
2830	Beebe, J. T.	"	Afton		1885	
2836	Blythe, S. G.	"	Nora Springs		1885	
2838	Beatty, T. B.	"	Anita		1885	
2845	Booth, S. K.	"	Mitchellville		1885	
2854	Barkalow, D. G.	"	Gladbrook		1885	
2873	Barrett, C. E.	"	Des Moines	Stuart		
2881	Bosworth, L. M.	"	Ames			
2896	Boberg, Nills Peter Richard	Graduate.	Des Moines			
10	Cain, John G.	Without examin.	Polo		1882, 83, 84, 85	
13	Cross, John T.	"	Farmington		1882, 83, 84, 85	
23	Chapman, L. A.	"	Stanton		—, —, —, —	Retired; forfeited.
27	Coffman, H. C.	"	South English		1882, 83, 84, 85	
28	Coffman, W. T.	"	South English	South English	1882, 83, 84, 85	
31	Clark, Lora B.	"	Marble Rock		1882, 83, 84, 85	
68	Cousins, John A.	"	New Hartford		1882, 83, —, —	Delinquent 2 years.
91	Clure, Joseph	"	Elliott		1882, 83, 84, 85	
103	Chase, Abel E.	"	Leon		1882, 83, 84, 85	
113	Crane, G. W.	"	Charles City		1882, 83, 84, 85	
117	Churchill, F. E.	"	Burlington		1882, 83, 84, 85	
126	Castle, Wm.	"	Correctionville		1882, 83, 84, 85	
135	Channell, L. M.	"	What Cheer		1882, 83, —, 85	Superseded by 2421.
139	Cross, H. H.	"	Charleston		1882, 83, 84, 85	
158	Cook, F. E.	"	Maple River Junction	Baldwin	1882, 83, 84, 85	
159	Coad, N. G. O.	"	Pattersonville		1882, 83, 84, 85	
173	Cloughly, Wm.	"	Audubon	Audubon	1882, 83, 84, 85	
184	Cousins, W. B.	"	Albia		1882, 83, 84, 85	
185	Cousins, Mrs. A. M.	"	Albia		1882, 83, 84, 85	

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195	Cooper, S. A.	Without examin.	Milo		—, —, —, —	Sold out; forfeited.
177	Cartwright, W. H.	"	Mediapolis		—, —, —, —	Forfeited.
214	arter, Geo.	"	Le Mars		1882, 83, 84, 85	
223	Caughlan, Chas. R.	"	Muscatine		1882, —, —, —	Forfeited.
228	Carnahan, Abraham S.	"	Andrew		1882, 83, 84, 85	
239	Chambers, E. A.	"	Agency City		1882, 83, 44, 85	
244	Cherry, J. W.	"	Afton		1882, 83, 84, 85	
311	Carmichael, G. O.	"	Brighton		1882, 83, 84, 85	
336	Cole, Thos.	"	Colesburg		1882, 83, 84, 85	
347	Carpenter, S. E.	"	Chariton		1882, 83, 84, 85	
351	Cowles, Arthur W.	"	Council Bluffs		1882, 83, 84, 85	
418	Crain, Alex. D.	"	Des Moines		1882, 83, 84, 85	
445	Crozer, James	"	Downey		1882, 83, 84, 85	
452	Cummings, J. A.	"	Delhi		1882, 83, 84, 85	
460	Carnahan, Hugh	"	Davenport		1882, —, —, —	Dead.
491	Crowder, Jno. J.	"	Mediapolis		1882, 83, 84, 85	
492	Cole, T. R.	"	Marysville		1882, 83, 84, 85	
516	Cragg, Geo. W.	"	Dakota		1882, 83, 84, 85	
517	Cragg, Wm.	"	Dakota	Havelock	1882, 83, 84, 85	
519	Conrad, Edwin	"	Denmark	Des Moines	1882, 83, 84, —	Forfeited.
522	Cooper, Samuel M.	"	Council Bluffs		—, —, —, —	Forfeited.
529	Cook, Thos. C.	"	New Providence	Lawn Hill	1882, —, —, —	Forfeited.
550	Chamberlain, Geo. W.	"	Eddyville		1882, —, —, —	Forfeited.
562	Cooley, Clayton R.	"	Eldora		1882, 83, —, —	Delinquent 2 years.
552	Cowley, James	"	Eddyville		—, —, —, —	Forfeited.
582	Crawford, R. W.	"	Fort Dodge		—, —, —, —	Superseded by 2221.
584	Cheney, John C.	"	Fort Dodge		1882, 83, 84, 85	
587	Clark, Geo. D.	"	Fairfield		1882, 83, 84, 85	
592	Chapman, R. S.	"	Fort Atkinson		1882, 83, 84, 85	
600	Cole, Jno. L.	"	Greene		1882, 83, 84, 85	
608	Cummings, Ira	"	Greencastle	Mingo	1882, 83, 84, 85	
588	Clark, Chas. S.	"	Fairfield		—, —, —, —	Dead.
609	Cummings, Albert	"	Greencastle	Mingo	1882, 83, 84, 85	
616	Crow, Wm. M.	"	Grand Junction		1883, 83, 84, 85	
617	Capwell, Daniel H.	"	Garrison		1882, 83, —, —	Forfeited.
650	Cocke, A. R.	"	Indianola		—, —, —, —	Superseded by 1890.
662	Clark, A. B.	"	Independence		1882, —, —, —	Dead.
686	Craig, Wm.	"	Keosauqua		1882, 83, 84, 85	
707	Camp, Americus	"	Kellerton		1882, 83, 84, 85	



ABSTRACT—CONTINUED.

Number of certificate.	NAME.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
708	Camp, Marshall	Without examin.	Kellerton		1882, 83, 84, 85	
738	Cameron, Ira F.	"	Keswick		1882, 83, 84, 85	
739	Conley, John	"	Knoxville			Revoked.
825	Crozier, B. L.	"	Mt. Pleasant		1882, 83, —, —	Forfeited.
845	Carr, Aaron S.	"	Murray		1882, 83, —, —	Delinquent 2 years.
874	Canon, J. H.	"	Muscatine		1882, 83, 84, 85	
893	Crary, Hunter C.	"	Milford		—, —, —, —	Forfeited.
895	Cattern, Frank M.	"	Mt. Ayr.		1882, 83, —, —	Revoked.
896	Campbell, Wm. C.	"	Mt. Ayr.		—, —, —, —	Forfeited.
910	Campbell, David G.	"	Miles		1882, 83, 84, 85	
935	Carson, Geo.	"	New Sharon		1882, 83, 84, 85	
957	Colman, J. B.	"	Newell		1882, —, —, —	Forfeited.
960	Churchill, Frank	"	Burlington		1882, 83, 84, 85	
961	Chapman, Wickliff	"	Bedford		—, —, —, —	Forfeited.
995	Conrad, Max	"	Ottumwa			Superseded by 1874.
1007	Castle, Chas. A.	"	Ottumwa		1882, 83, 84, 85	
1043	Chase, Frank W.	"	Orchard		1882, 83, 84, —	Delinquent 1 year.
1049	Courtney, Henry	"	Perry		1882, 83, 84, 85	
1056	Culbertson, Wm. F.	"	Princeton		— 1883, 84, 85	
1101	Crowder, Wm. L.	"	Rose Hill		1882, 83, 84, —	Delinquent 1 year.
1102	Core, George W.	"	Red Rock	Rolf	1882, 83, 84, 85	
1147	Cromley, John F.	"	Atlantic	Griswold	1882, 83, 84, 85	
1151	Childs, Horace A.	"	Lenox		1882, 83, 84, 85	
1156	Common, Hugh	"	Moingona	Kalo	1882, —, —, —	Forfeited.
1168	Calkins, Eugene M.	"	Norway	Vanhorne	1882, 83, 84, 85	
1172	Chrysler, James G.	"	Pringhar	Hartley	1882, —, —, —	Forfeited.
1220	Cline, Wm. A.	"	Searsboro	Lehigh	1882, 83, 84, —	Delinquent 1 year.
1253	Coffin, Reuben M.	"	Iama City		1882, 83, 84, 85	
1300	Chilcote, Wm. E.	"	Washington		1882, 83, 84, 85	

1301	Cook, Wm. A.	Without examin.	Washington		1882, 83, 84, 85	
1307	Covert, Sidney	"	Waverly		1882, 83, 84, 85	
1311	Clayton, Peter P.	"	Battle Creek	Woodbine	1882, 83, 84, 85	
1312	Cole, Orrin D.	"	Woodbine		—, 83, 84, 85	Now at Imogene.
1345	Cox, G. W.	"	Winterset		1882, 83, 84, 85	
1355	Clarke, Charles F. M.	"	Waukee		1882, 83, 84, 85	
1364	Chamberlain, M. A.	"	Winthrop		1882, 83, 84, 85	
1369	Coolidge, H. L.	"	Bonaparte		1882, 83, 84, 85	
1370	Coolidge, O. J.	"	Bonaparte		1882, 83, 84, —	Delinquent one year.
1375	Cole, Ira W.	"	Bussey		1882, 83, 84, 85	
1405	Cummins, Milford L.	"	La Porte City		1882, 83, 84, 85	
1421	Clark, Eaton K.	"	Seymour		1882, 83, 84, 85	
1437	Crary, John C. W.	"	Atlantic		1882, 83, 84, 85	
1450	Cooling, Albert A.	"	Wilton Junction		1882, 83, 84, 85	
1461	Craig, John A.	"	Rippey	Lohrville	1882, 83, 84, —	Canceled.
1489	Cole, D. L.	"	Bussey		1882, 83, 84, 85	
1491	Clemmer, J. J.	"	Cresco		1882, 83, 84, 85	
1512	Congdon, D. C.	"	Winterset		1882, —, —, —	Forfeited.
1513	Coy, James W.	"	Dubuque		1882, 83, 84, 85	
1541	Cunningham, J. F.	"	Ionia		1882, 83, 84, 85	
1552	Clark, Charles T.	"	Riverton		1882, 83, 84, —	Delinquent one year.
1572	Cooper, George H.	"	De Soto		1882, —, —, —	Forfeited.
1578	Crawford, W. F.	"	Des Moines		—, —, —, —	Forfeited. See 2861.
1606	Chambers, R. M.	"	Danville		1882, 83, 84, 85	
1609	Clark, Edwin A.	"	Davenport		1882, 83, 84, 85	
1615	Clayton, W. A.	"	Marble Rock		—, —, —, —	Retired; forfeited.
1621	Cary, Wm.	"	Millersburg	Parnell	1882, 83, 84, —	Delinquent one year.
1628	Connett, A. H.	"	Bedford		1882, 83, 84, —	In Kansas.
1632	Childs, E. P.	"	Liberty Centre		1882, —, —, —	Forfeited.
1641	Cook, D. C.	"	Calamus		1882, —, —, —	Forfeited.
1642	Cummins, E.	"	Moravia		1882, 83, 84, 85	
1643	Cummins, Robert	"	Moravia		—, —, —, —	In Oregon; forfeited.
1670	Carroll, J. M.	By examination.	Pomeroy	Laurens	1882, 83, 84, 85	
1675	Cherry, J. E.	"	Afton		—, —, —, —	Delinquent four yrs.
1688	Campbell, Wm. J.	"	Fort Dodge		1882, 83, 84, 85	
1708	Carmichael, J. H.	"	Davenport		1882, —, —, —	In Minnesota.
1832	Carter, C. W.	Without examin.	Rome		—, —, —, —	Forfeited.
1845	Cook, S. M.	"	Charles City		1882, 83, 84, 85	
1850	Campbell, James	"	North English		1882, —, —, —	Forfeited.



ABSTRACT—CONTINUED.

Number of certificate.	NAME.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
1874	Conrad, Max.....	By examination..	Ottumwa.....	.....	1882, 83, 84, 85	
1880	Chambers, David.....	"	Ottumwa.....	.....	1882, 83, 84, 85	
1881	Crosby, W. A.....	"	Mason City.....	.....	1882, 83, 84, 85	
1889	Chamberlain, Lowell.....	"	Marion.....	Des Moines....	1882, 83, 84, 85	
1890	Cocke, A. R.....	"	Indianola.....	.....	1882, 83, 84, 85	
1935	Caldwell, S. W.....	"	Sioux City.....	.....	—, —, —, —	Retired.
1948	Chapel, R. H.....	Without examin..	Mt. Auburn.....	.....	1882, —, —, —	Forfeited.
1970	Coltrane, M. B.....	"	Hopeville.....	Thayer.....	1882, 83, 84, 85	
1987	Campbell, Thomas M.....	By examination..	West Liberty.....	.....	.....	Dead.
1998	Cotting, C. L.....	"	Shell Rock.....	.....	—, —, —, —	Delinquent 4 years.
2020	Claybaugh, Jos. P.....	Without examin..	Patterson.....	.....	1882, —, —, —	Forfeited.
2036	Cameron, Chas. E.....	"	Storm Lake.....	.....	.....	Superseded by 2265.
2043	Comstock, D. D.....	"	Lost Nation.....	.....	1882, 83, 84, 85	
2044	Cook, S. D.....	"	Sigourney.....	.....	1882, 83, 84, 85	
2046	Crawford, James.....	"	Doud's Station.....	.....	.....	Dead.
2052	Caldwell, J. E.....	By examination..	Iowa City.....	.....	—, —, —, —	Removed to Neb.
2084	Cooper, H. T.....	"	Grinnell.....	Newton.....	1882, —, —, —	Delinquent 3 years.
2120	Comstock, Charles E.....	"	Atlantic.....	.....	—, —, —, —	Left the town.
2126	Coakley, Joshua W.....	"	Mt. Etna.....	.....	1882, 83, 84, 85	
2128	Cochran, M. H.....	"	Morning Sun.....	.....	1882, 83, 84, 85	
2135	Corfe, Frederick.....	"	Union.....	.....	1882, 83, 84, 85	
2134	Carlisle, D. W.....	"	Lineville.....	.....	—, —, —, —	Delinquent 4 years.
2152	Cherry, Sam'l B.....	"	Winterset.....	.....	1882, —, —, —	Dead.
2163	Critz, Sylvester F.....	"	Riverside.....	Iowa City.....	1882, 83, 84, 85	
2173	Camp, Eli R.....	"	Keokuk.....	.....	1882, 83, 84, 85	
2192	Carson, John W.....	"	Mt. Vernon.....	.....	1882, 83, 84, 85	
2194	Christy, W. D.....	"	Afton.....	.....	—, —, —, —	Delinquent 4 years.
2195	Clark, Chester C.....	"	Centerville.....	Ottumwa.....	1882, 83, 84, 85	
2204	Congar, E. J.....	"	Manchester.....	.....	1882, 83, 84, 85	

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2208	Castle, Curtis H.....	By examination..	Wayland.....	.....	1882, —, —, —	Delinquent 3 years.
2221	Crawford, R. W.....	"	Fort Dodge.....	.....	1882, 83, 84, 85	
2229	Cary, George T.....	"	Lewis.....	Grant.....	1882, 83, 84, 85	
2234	Cogswell, S. G.....	"	Ottumwa.....	Ottumwa.....	1882, 83, 84, 85	
2240	Chase, Cyrus B.....	"	Weldon.....	.....	1882, 83, —, —	Delinquent 2 years.
2245	Cornish, Francis E.....	"	Dows.....	.....	1882, 83, —, —	Delinquent 2 years.
2252	Craig, F. M.....	"	Rippey.....	.....	1882, 83, —, —	
2259	Cowger, Evan F.....	"	Riverton.....	.....	1882, 83, 84, 85	
2265	Cameron, Charles E.....	"	Storm Lake.....	Alta.....	1882, 83, 84, 85	
2276	Clarke, John H.....	"	Riverton.....	.....	1882, 83, 84, 85	In Virginia.
2343	Clark, J. L.....	"	Eagle Grove.....	.....	1882, 83, 84, 85	Address Onawa.
2351	Coquillette, Wm. E.....	"	Nugent's Grove.....	Prairieburg....	1882, 83, 84, 85	
2310	Conrad, Samuel G.....	"	Calliope.....	.....	1882, —, —, —	Delinquent one year.
2311	Cox, J. W.....	"	Coin.....	.....	—, —, —, —	Out of business.
2374	Cole, W. H.....	"	Des Moines.....	.....	1883, —, —, —	Resides in Kansas...
2376	Clement, H. E.....	"	Lowell.....	.....	1883, 84, —, —	Out of business
2379	Capwell, C. C.....	"	Garrison.....	.....	1883, 84, 85	Delinquent one year.
2421	Channell, L. M.....	"	Montezuma.....	.....	1883, 84, 85	
2425	Cutler, Morris L.....	"	Dakota City.....	Riceville.....	1888, 84, 85	
2450	Cloughly, John F.....	"	Audubon.....	Manning.....	1883, 84, 85	
2449	Crissinger, John C.....	"	Farnhamville.....	.....	1883, 84, —, —	In Wisconsin.
2448	Crapser, Jule H.....	"	Hampton.....	Mason City....	1883, 84, —, —	
2498	Crawford, A. M.....	"	Pacific Junction.....	.....	1883, 84, 85	
2509	Clark, Columbus J.....	"	Marble Rock.....	.....	1883, 84, 85	
2564	Corkhill, Charles E.....	"	Bloomfield.....	Montrose.....	1883, 84, 85	
2566	Connor, Arthur F.....	"	Avoca.....	.....	1883, 84, 85	
2575	Campbell, J. W.....	"	Mt. Ayr.....	.....	1883, —, —, —	Delinquent 2 years.
2604	Culver T. M.....	"	Urbana.....	.....	1884, 85	
2610	Chave, Thomas T.....	"	Audubon.....	Walnut.....	1884, 85	
2619	Campbell, H. A.....	"	Shelby.....	.....	1884, 85	
2621	Craven James C.....	Graduate.	Dubuque.....	.....	1884, —, —, —	In Philadelphia, Pa.
2622	Cunningham, Albert S.....	By examination..	Nugent's Grove.....	.....	1884, 85	
2659	Calkins, C. D.....	"	Brush Creek.....	.....	1884, 85	
2669	Coxe, John R.....	"	Sutherland.....	.....	—, —, —, —	Delinquent 2 years.
2685	Clopper, W. T.....	"	Lemars.....	Manchester....	1884, 85	
2691	Cook, V. W.....	"	Lake City.....	.....	1884, 85	
2716	Cornish, J. V.....	"	Wall Lake.....	.....	1884, 85	
2740	Camp, John W.....	"	Council Bluffs.....	.....	1885	
2745	Chapman, Louis C.....	"	Creston.....	Creston.....	1885	

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Number of certificate.	NAMES.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
2772	Cooke, Geo. A.	By examination.	Missouri Valley	Missouri Valley	1885	
2775	Campbell, Lafayette	"	Cnillicothe		1885	
2792	Campbell, Chas. E.	"	Collins		1885	
2794	Crawford, Wm. D.	"	Crawfordsville			Dead.
2799	Coveney, J. T.	"	Surry		1885	
2813	Chestnut, M. F.	"	Persia		1885	
2817	Clark, S. W.	"	Magnolia		1885	
2860	Cady, Seldon	"	Emmetsburg			
2861	Crawford, W. F.	"	Des Moines			
2872	Conley, H. C.	"	Moingona			
2887	Cowden, A. M.	"	Crawfordsville			
2899	Coiner, Wm. E.	"	Newton			
47	Deakin, H. C.	Without examin.	Vandalia		1882, 83, 84, 85	
49	Deakin, J. W.	"	Vandalia		1882, 83, 84, 85	
64	De Woody, M. T.	"	Nugent's Grove		—, —, —, —	In Dakota, forfeited.
73	Douglass, Newton J.	"	Waucoma		—, —, —, —	Retired, forfeited.
77	Dunlavy, James.	"	Stiles		1882, 83, 84, 85	
114	Daggett, D. A.	"	Sloan		1882, —, —, —	Sold out, forfeited.
163	Dewey, C. L.	"	Hawkeye		1882, 83, 84, —	Delinquent 1 year.
205	Dierkes, Charles.	"	Bellevue		1882, 83, 84, 85	
220	Diehl, Phillip H.	"	Le Mars		1882, 83, 84, 85	
312	Dorsey, L. T.	"	Burlington		1882, 83, —, —	Delinquent 2 years.
322	Deetken, Carl	"	Council Bluffs.		1882, 83, 84, 85	
333	Dusill, A. J.	"	Cedar Rapids.		1882, 83, 84, 85	
340	Dunbar, George B.	"	Centre Point		1882, 83, 84, 85	
394	Darron, Frank	"	Columbus Junction.		1882, 83, 84, 85	
486	Darron, Wm. H.	"	Columbus Junction.		—, —, —, —	Forfeited.
518	De Santo, Henry H.	"	Buffalo		1882, 83, 84, 85	Rock Island, forfe'td

601	Dunkle, Samuel C.	Without examin.	Glidden		—, —, —, —	Out of bus. Forf'd.
733	Drake, John Q. R.	"	Des Moines		1882, 83, 84, —	Out of business.
747	Dryden, Wm. W.	"	Lynnville		1882, 83, 84, 85	
762	Davis, J. Mahlon	"	Lewis		1882, 83, 84, 85	
782	Darnell, Homer L.	"	Holland		—, —, —, —	Forfeited.
868	Deutschman, Aug.	"	Muscatine		1882, 83, 84, 85	
878	Davis, Nathan E.	"	Malcom		1882, 83, 84, 85	
889	Cawkins, Benj. M.	"	Mineral Ridge		1882, 83, 84, 85	
892	Dean, C. A.	"	Monona		1882, 83, 84, 85	
917	Dunn, Jno. W.	"	Derby		1882, 83, 84, 85	
937	Dean, Rolland T.	"	New Sharon		1882, —, —, —	Sold out. Forfeited.
958	Durant, A. H.	"	Algona		1882, 83, 84, 85	
959	Durant, H.	"	Algona		1882, 83, 84, 85	
974	Darr, D. Byron.	"	Ladora		1882, 83, 84, 85	
969	De Noon, J. W.	"	Lamoni		1882, 83, 84, 85	
992	Duffield, Geo. W.	"	Centerville		1882, 83, 84, 85	
1023	Doty, Elmer A.	"	Oxford		1882, 83, 84, 85	
1030	Daily, J. F.	"	Osage		1882, 83, 84, 85	
1026	Durand, Harlan A.	"	Osage		1882, 83, 84, 85	
1060	Douglass, R. N.	"	Postville		1882, 83, 84, 85	
1077	Darrah, John E.	"	Princeton		—, —, —, —	Superseded by 2186.
1100	Dodge, Morris B.	"	Randalia		—, —, —, —	ed ed. Forfeited.
1179	Dudley, Edward H.	"	Shell Rock		1882, 83, 84, 85	
1239	Duffield, H. P.	"	Shenandoah		1882, 83, —, —	Delinquent 2 years.
1240	Duffield, S. B.	"	Shenandoah		1882, 83, 84, 85	
1323	Drake, S. H.	"	West Union		—, —, —, —	In Dakota. Forf'd.
1348	Duff, John B.	"	Winterset		—, —, —, —	In Nebraska. Forf'd
1360	Detlor, Byard	"	Webster City		1882, 83, 84, 85	
1418	Dyer, Thos. L.	"	Polk City		—, —, —, —	Out of bus. Forf'd.
1448	Donaldson, W. B.	"	Salem		1882, 83, 84, 85	
1487	Dalrymple, A. L.	"	Monroe		1882, 83, 84, 85	
1516	Deuble, John	"	Burlington		1882, 83, 84, 85	
1525	Dougherty, John B.	"	Muscatine		1882, 83, 84, 85	
1575	Deardorff, A. G.	"	Perlee		—, —, —, —	Forfeited.
1583	Junkle, W. B.	"	Gilman		—, —, —, —	Forfeited.
1584	Dumont, T. A.	"	Dumont		1882, 83, 84, 85	
1597	DeMent, George W.	"	Grant City		1882, 83, 84, 85	
1631	Danner, Harry M.	"	Burlington		1882, 83, 84, 85	
1658	DeHaven, J. C.	"	Council Bluffs		1882, 83, 84, —	Delinquent 1 year.



ABSTRACT—CONTINUED.

Number of certificate.	NAME.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
1659	Davis, J. D.	Without examin.	La Moile	Bedford	—, —, —, —	Left town; forfeited.
1669	Duffield, M. J.	By examination.	Blanchard	Bedford	1882, 83, —, —	Out of business.
1678	Davis, Harry G.	"	Iowa City	Burlington	1882, 83, 84, —	Delinquent 1 year.
1692	Duke, Chas. D.	"	Marshalltown	Red Oak	1882, 83, 84, 85	
1702	Downs, E. B.	"	Lewis		1882, 83, 84, 85	
1730	Dosh, J. R.	Without examin.	Stuart		1882, —, —, —	Forfeited.
1732	Dosh, E. E.	"	Stuart			Superseded by 2324.
1743	Dunn, Theo.	"	Fonda		—, —, —, —	Forfeited.
1750	Dailey, Daniel V.	"	Otley		—, —, —, —	Left town; forfeited.
1810	De Witt, R. M.	"	Lucas		1882, 83, 84, 85	In Des Moines.
1903	Davis, M. W.	By examination.	Iowa City		1882, 83, 84, 85	
1947	Doll, A. T.	Without examin.	North English		1882, 83, 84, 85	
1952	Dosh, G. W.	"	Adair	Guthrie Center	1882, 83, 84, 85	
1953	Dickinson, E. R.	"	Bradford		1882, 83, 84, 85	
2009	Dougherty, James G.	By examination.	Muscatine		1882, 83, —, —	Delinquent 2 years.
2021	Deal, Josiah	Without examin.	Mt. Union		1882, 83, 84, 85	
2024	Doolittle, Samuel N.	"	Tracy		1882, 83, 84, 85	
2065	Dwinnell, G. F.	By examination.	Sioux City		—, —, —, —	Left the place.
2096	De Armit, Albert.	"	Storm Lake	Le Mars	1882, 83, 84, —	Out of business.
2186	Darrah, J. E.	"	Princeton		1882, 83, 84, 85	
2243	De Kalb, Benjamin D.	"	De Kalb		1882, 83, 84, 85	
2248	Dixon, Cyrus R.	"	Lynnville		1882, 83, 84, 85	
2262	Davis, J. D.	"	Nassua		1882, 83, 84, 85	
2287	Dilley, C. F.	"	Knoxville Junction		1882, 83, 84, 85	
2321	Davis, W. C.	"	Seranton		1882, 83, —, —	Delinquent 2 years.
2324	Dosh, Ed.	"	Guthrie Center		1882, 83, 84, 85	
2329	Doty, C. W.	"	Newell	Meriden	1882, 83, 84, 85	In Nebraska.
2362	Daggett, Morris H.	"	Waucoma	Fredericksburg	1882, 83, —, —	Out of business.
2433	De Witt, C. H.	"	Lucas		1883, 84, 85	

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2535	Densmore, David T.	By examination.	Jamaica		1883, 84, 85	
2554	De Witt, W. W.	"	Peterson		1883, 84, 85	
2565	Doolittle, Warren A.	"	Columbus Junction		1883, 84, 85	In Sabetha, Kansas.
2627	Dennis, C. W.	"	York		1884, —	Delinquent 1 year.
2720	Daniels, Henry E.	"	Keokuk		1884, 85	
2754	David, J. W.	"	Alden		1885	
2759	Doran, J.	"	Mt. Vernon		1885	
2810	Delano, Warren L.	"	Atlantic		1885	
2832	Davis, Ezra	"	Abingdon		1885	Cer't for Abingdon [only].
2847	Davis, Will A.	"	Ferguson		1885	
2862	Douglass, C. W.	"	Calmar	Greeley	1885	
2889	Drew, Francis Webb	"	Keokuk		1885	
2891	Douglas, E. F.	"	Dysart			
2900	Driscoll, Jer. E.	"	Davenport			
63	Evans, John M.	Without examin.	Gowrie		1882, 83, 84, 85	
197	Evan, Andrew J.	"	Swan		—, —, —, —	Forfeited.
288	Emeis, E. T. W.	"	Brooklyn		1882, 83, —, —	Forfeited.
320	Etzel, John L.	"	Clear Lake		1882, 83, 84, 85	
327	Everett, W. V.	"	Council Bluffs		—, —, —, —	Left town. Forf'd.
339	Eldridge, Alfred D.	"	Clear Lake		1882, 83, 84, 85	
443	Emeis, Hugo A.	"	Davenport		1882, 83, 84, 85	
500	Eddy, Wm. M.	"	Marengo		1882, 83, 84, 85	
524	Eyer, Edward H.	"	Delmar		1882, 83, 84, —	Dead.
530	Enright, G. A.	"	Aurelia	Marcus	1882, 83, 84, 85	
531	Enright, Maggie	"	Aurelia	Marcus	1882, 83, 84, 85	
571	Ellsworth, DeRoy	"	Eldora	Hubbard	1882, 83, 84, 85	
595	Edwards, M. G.	"	Glenwood		1882, 83, 84, 85	
646	Elser, J. J.	"	Harlan		—, —, —, —	Forfeited.
669	Ellis, Robert	"	Jefferson		1882, 83, —, —	Dead.
687	Eaton, J. E.	"	Keota		1882, 83, 84, 85	
812	Emeis, Harry T.	"	Durant		—, —, —, —	Left town. Forf'd.
815	Eichelberger, Charles S.	"	Bloomfield		1882, 83, 84, 85	
831	Elliott, Elihu N.	"	Mt. Pleasant		—, —, —, —	Forfeited.
846	Emery, Jesse	"	Murray		1882, 83, 84, —	Delinquent 1 year.
926	Ericsson, Gustav B.	"	Newton		1882, 83, 84, 85	
944	Emery, J. F.	"	Northwood		1882, 83, 84, 85	
1004	Elliott, Wm. D.	"	Ottumwa		1882, 83, 84, 85	
1029	Evans, Wm. L.	"	Osage		1882, 83, 84, 85	

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STATE PHARMACY REPORT.



ABSTRACT—CONTINUED.

Number of certificate.	NAMES.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
1052	Erb, B. F.	"	Pleasantville	Coon Rapids	1882, 83, 84, 85	
1065	Ellis, John W.	"	Patterson	Sigourney	1882, 83, 84, 85	
1087	Elliott, Oscar A.	"	Russell		1882, 83, 84, 85	
1085	Emmerson, Wm.	"	Ridgeway		1882, 83, , , ,	In Minnesota, forf'd
1111	Ewing, Wm. B.	"	Burlington		1882, 83, 84, 85	
1149	Escher, John F.	"	Lowden		1882, 83, 84, 85	
1200	Evans, W. R.	"	Williamsburg		1882, 83, 84, ,	Delinquent one year.
1234	Eldridge, Charles G.	"	Sabula		1882, 83, 84, 85	
1415	Ennis, Wm. W.	"	Ottumwa		1882, 83, 84, 85	
1429	Evans, Mrs. E. A.	"	Gowrie		1882, 83, 84, 85	
1420	Evans, O. E.	"	Gowrie		1882, 83, , , ,	Delinquent 2 years.
1569	Enfield, Charles	"	Jefferson		1882, 83, , , ,	Forfeited.
1596	Everett, F. J.	"	Fairbank		1882, 88, 84, 85	
1640	Earhart, George	"	Independent	Selma	, , , , ,	Forfeited.
1645	Eslick, Thomas B.	"	Lehigh		1882, 83, 84, 85	
1673	Ellerbrook, P.	By examination.	Orange City		1882, , , , ,	Left the town.
1710	Ellis, Clark	"	Little Sioux		1882, 83, 84, 85	
1725	Elliott, J. A.	Without examin.	Clarion		1882, 83, 84, 85	
1780	Ewing, L. W.	"	Springfield		1882, 83, 84, 85	
1781	Evans, Warren B.	"	Dow City		1883, 85, 85	
1818	Erwin, J. W.	"	North English		1882, 83, 84, 85	
1876	Edie, J. G.	By examination.	Memory		, , , , ,	Delinquent 4 years.
1926	Ecker, J. C.	"	Red Oak	Elliott	1882, , , , ,	Out of business...
1967	Everett, F. G.	Without examin.	Fairbank		1882, 83, 84, 85	
1989	Espy, George W.	By examination.	Breda	Sigourney	1882, 83, 84, 85	
2008	Edwards, George W.	"	Reasoner		, , , , ,	Left town.
2032	Evans, Robert	Without examin.	Murray	Brayton	1882, 83, 84, 85	
2122	Elliott, W. V.	By examination.	Knoxville		1882, 83, 84, 85	
2198	Earnest, W. H.	"	Seymour		1882, 83, 84, ,	Delinquent one year.

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2227	Evans, Vestus	By examination.	Searsboro		1882, 83, , , , ,	Revoked.
2350	Ellis, George F.	"	Grundy Center		1882, 83, 84, 85	
2396	Eaton, F. N.	"	Casey		1883, 84, 85	
2469	Engeldinger, Peter	"	Sigourney	Hedrick	1883, 81, 85	
2520	Evers, John P.	"	Independence		—, —, —	In Omaha.
2528	Ellis, G. V.	"	Calliope		1883, 84, 85	
2593	Ettinger, Hugh J.	"	Des Moines	Boone	1883, 84, 85	
2642	Ensign, Charles	"	Scranton		1884, 85	
2644	Enfield, Jr., Fred	"	Coin		1884, —	In Nebraska.
2696	Empie, I. N.	"	Council Bluffs	Cedar Falls	1884, 85	
2710	Evans, James	"	East Nodaway		1884, —	Delinquent one year.
2764	Everson, W. H.	"	Promise City		1885	
2870	Elliott, E. G.	"	Earlham		1885	
2875	Ellis, M. P.	"	Council Bluffs		1885	
5	Fitch, Eugene L.	Without examin.	Breda		—, —, —, —	Forfeited.
56	Failing, Jeremiab	"	Marcus		1882, 83, 84, 85	
58	Faulkner, Elizabeth	"	Fredericksburg		—, —, —, —	Forfeited.
106	Findley, C. P.	"	Leon		1882, 83, 84, —	Delinquent one year.
137	Fulk, Charles	"	West Grove		1882, 83, 84, 85	
143	Fuller, Charles M.	"	Keokuk		1882, 83, 84, 85	
143	Fuller, E. E.	"	Keokuk		1882, 83, 84, 85	
238	Freed, David A.	"	Redfield		1882, 83, 84, 85	
262	Forbush, B. G.	"	Algona		1882, 83, 84, 85	
337	Funk, John W.	"	Colesburg		1882, 83, 84, 85	
388	Flammant, Michael	"	Mineola		1882, 83, 84, 85	
341	Fordyce, H. C.	"	Conway		1882, 83, 84, 85	
342	Foster, S. H.	"	Council Bluffs		1882, 83, 84, 85	
343	Foster, A. D.	"	Council Bluffs		1882, 83, 84, 85	
426	Filbert, Harry H.	"	Decorah		1882, —, —, —	Forfeited.
432	Foster, H. J.	"	Dillon		—, —, —, —	Superseded by 2283.
433	Funk, Samuel G.	"	Des Moines	Panora	1882, 83, 84, 85	
480	Fraatz, Fred. Chas	"	Dubuque		1882, 83, 84, 85	
555	Finke, Walter H.	"	Elgin		1882, 83, 84, 85	
557	Fowler, Addison P.	"	Elgin		—, —, —, —	Forfeited.
563	Fuller, Mandana	"	Earville		1882, 83, 84, 85	
572	Firkins, John W.	"	Fairfax		1882, 83, 84, ,	Dead.
618	Finch, Wm.	"	Garner		1882, 83, 84, 85	
619	Finch, T. F.	"	Garner		1882, 83, 84, 85	

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Number of certificate.	NAMES.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
634	Frost, Lewis D.	Without examin.	Harlan		1882, 83, 84, 85	
648	Flemming, Alex. P.	"	Harlan			Forfeited.
671	Foy, Edward W.	"	Jefferson		1882, 83, 84, 85	
696	French, J. T.	"	Knoxville		1882, 83, 84, —	Delinquent 1 year.
697	French, J. A.	"	Knoxville		1882, —, —, —	Forfeited.
719	Freeguard, C. C.	"	Hampton	Hampton	1882, 83, 84, 85	
745	Foster, Horatio O.	"	Lenox	Creston	1882, 83, 84, 85	
779	Free, A. Jackson.	"	Traer			Forfeited.
814	Findley, Jno. B.	"	Bloomfield.		1882, 83, 84, 85	
870	Fellows, Alfred	"	Maquoketa	Grundy Center.	1882, 83, 84, 85	
871	Fellows, Charles A.	"	Maquoketa	Shenandoah	1882, 83, 84, 85	
873	Fulton, A. H.	"	Muscatine	West Liberty.	1882, 83, 84, 85	
875	Fry, John O.	"	Mt. Ayr		1882, —, —, —	Forfeited.
877	Field, E. L.	"	Leighton		1882, 83, 84, 85	
879	Fagan, Thos. W.	"	Mt. Pleasant		1882, 83, 84, 85	
890	Falker, jr., John	"	Manchester	Cedar Falls.	1882, —, —, —	Forfeited.
934	Frank, Perry	"	Mew London.		1882, 83, 84, 85	
948	Frank, C. S.	"	New London.		1882, 83, —, —	Delinquent 2 years.
990	Finley, Robert	"	Ottumwa		—, —, —, —	Forfeited.
1045	Farnham, LeRoy H.	"	Portlandville		1882, 83, 84, 85	
1063	Forsythe, Wm. D.	"	Pella		1882, 83, 84, 85	
1074	Fulton, Albert D.	"	Plainfield.		1882, 83, 84, 85	
1076	Fullerton, Geo. E.	"	Paris	Marion	1882, 83, 84, 85	
1096	Freer, Jno. I.	"	Red Oak.		1882, 83, 84, 85	
1173	Ford, Samuel.	"	Talleyrand		1882, 83, 84, 85	
1174	Ford, James H.	"	Talleyrand		1882, 83, 84, 85	
1216	Fagan, Horace M.	"	Shelby		1882, 83, 84, 85	
1260	Files, Delbert G.	"	Traer.	Van Horne.	1882, 83, 84, 85	
1333	Fowler, R. P.	"	Waterloo		1882, 83, 84, 85	

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1341	Forry, Wm. W.	Without examin.	Waterloo		1882, 83, 84, 85	
1396	Frey, John A.	"	Ida Grove			Forfeited.
1403	Fox, Isaac D.	"	Lansing		1882, 83, 84, 85	
1424	Franken, B.	"	Sigourney		1882, 83, 84, 85	
1445	Fritts, Wm. D.	"	Burlington		1882, 83, 84, 85	
1486	Fuller, Geo. S.	"	Keokuk		1882, 83, 84, 85	
1540	Forbes, Hugh	"	Toronto		1882, —, —, —	Forfeited.
1542	Fraser, Wm. W.	"	Redfield	Winterset.	1882, 83, 84, —	Delinquent 1 year.
1568	Freeman, Edward.	"	Jefferson		1882, 83, 84, 85	
1571	Fuller, Hiram K.	"	Monticello.		—, —, —, —	Forfeited.
1639	Fish, Henry	"	Bear Grove.		1882, 83, 84, —	In Nebraska.
1681	Fletcher, W. G.	By examination.	Glenwood	Williamsburg	1882, 83, 84, 85	
1751	Fox, Jacob G.	Without examin.	Waubeck		1882, 83, 84, 85	
1760	Fitzgerald, James.	"	Emmetsburg		1882, 83, —, —	Revoked.
1788	French, Charles H.	By examination.	Cedar Rapids.		1882, 83, 84, 85	
1791	Funk, Geo. N.	"	Audubon		—, —, —, —	Left town.
1816	Finster, Henry J.	Without examin.	Steamboat Rock.		1882, 83, 84, 85	
1831	Farley, N. D.	"	Goose Lake		1882, 83, 84, 85	
1855	Fitzgerald, Maurice.	By examination.	Liscomb.	Stratford	1882, 83, 84, 85	
1866	Fretz, Menzo.	"	Avoca	Corley	1882, 83, 84, 85	
1872	Foster, W. E.	"	Glidden		1882, 83, 84, 85	
1901	Fletcher, Geo	"	Lisbon.		1882, 83, 84, 85	
1925	Frost, C. E.	"	Oxford	Rhodes	1882, 83, 84, 85	
1932	Fellows, Henry	"	Colfax		1882, 83, 84, 85	
2000	Fox, Herbert J.	"	Iowa City		1882, —, —, —	Left town.
2014	Fiddler, J. D.	"	Iowa Falls.	Alden	1882, 83, 84, 85	
2022	Fellows, Harris.	Without examin.	Riceville		1882, 83, 84, 85	
2031	Fitzgerald, James D.	"	Audubon		1882, —, —, —	Forfeited.
2075	Ferguson, A. F.	By examination.	Milo	St. Charles	1882, 83, —, —	Delinquent 2 years.
2088	Frater, J. J.	"	Montezuma	Plum Hollow.	1882, 83, 84, 85	
2095	Frank, E. S.	"	Livermore		1882, 83, 84, 85	
2147	Fischer, H.	"	Pomeroy		1882, 83, 84, 85	
2174	Foster, J. N.	By examination.	Indianola.	Atlantic	1882, 83, —, —	Left the town.
2212	Foltz, George F.	"	Coon Rapids.	Des Moines.	1882, 83, 84, 85	
2216	Fewson, Thos. B.	"	Clearfield		1882, —, —, —	In Nebraska.
2249	Fox, Frank.	"	Percival		1882, —, —, —	Left the State.
2280	Fifield, Charles	"	Grundy Center.		1882, —, —, —	Delinquent 3 years.
2283	Foster, H. J.	"	Dillon	Melbourne.	1882, 83, 84, 85	
2344	Ferdinand, Geo. A.	Graduate	Dubuque		1882, 83, 84, 85	

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Number of certificate.	NAME.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
2313	Feenstra, J. B. H.	By examination.	Arcadia		1882, 83, 84, —	Delinquent 1 year.
2315	Fox, Frank	"	Winthrop	Storm Lake	1882, 83, 84, 85	
2437	Farley, J. C.	"	Lucas		—, —, —	Out of business.
2524	Fraer, Edwin D.	"	Salix		1883, 84, 85	
2572	Fount, Jno. Lee	"	Centerville		1883, —, —	Delinquent 2 years.
2690	Field, G. W.	"	Thor		84, 85	
2727	Foley, W. J.	"	Dayton		1884, —	Delinquent 1 year.
2729	Faulkner, Elmer E.	"	Ottumwa		1884, 85	
2762	Forney, C. M.	"	Marshalltown		1885	
2767	Flusche, Charles	"	Earling		1885	
2773	Field, Ed. C.	"	Des Moines		—	Gone to New York.
2834	Forsythe, Robert	"	What Cheer		1885	
2855	Farrens, Albert H.	"	Clarinda		—	
4	Gilbert, Jonathan	Without examin.	Clarkville		1882, 83, —	Dead.
102	Gilham, C. A.	"	Leon		1882, 83, —	Reported dead.
111	Greenlee, L. T.	"	Promise City	Weldon	1882, 83, 84, 85	
136	Griffith, J. A.	"	What Cheer		1882, 88, 84, 85	
150	Goodrich, H. J.	"	Maynard		1882, 83, 84, 85	
164	Goldsberry C. A.	"	Iowa Center		—, —, —	Left town; forfeited.
170	Goldthwaite, F. O.	"	Marengo		1882, 83, 84, 85	
178	Gray, John W.	"	Fonda		1882, 83, 84, 85	
183	Gore, Irwin	"	Atlantic	Pilot Mound	1882, 83, 84, 85	
256	Gordinier, F. L.	"	Adair		1882, 83, 84, 85	
289	George, C. L.	"	Bonaparte		1882, 83, 84, —	Delinquent 1 year.
290	George, F. B.	"	Bonaparte		1882, 83, —	Out of business.
301	Gibbons, A. D.	"	Bloomfield		1882, 83, 84, 84	
306	Glover, Joseph	"	Waltnam	Elberon	1882, 83, 84, 84	
313	Goodykoontz, D. F.	"	Boone		1882, 83, —, —	Sold out.

821	Graff, W. H.	Without examin.	Council Bluffs	Carson	1882, 83, 84, 85	
345	Graves, J. W.	"	Creston		—, —, —, —	Forfeited.
346	Gibbon, William H.	"	Chariton		1882, 83, 84, 85	
406	Gesell, C. L.	"	Cresco		—, —, —, —	Superseded by 2214.
410	Grandy, W. H.	"	Council Bluffs		1882, 83, 84, 85	
441	Gotwalt, Edward H.	"	Des Moines		1882, 83, 84, 85	Dead.
455	Grush, William	"	Deep River P. O.		—, —, —, —	Out bus.; forfeited.
462	Greenough, James	"	Denison		—, —, —, —	Dead.
502	Goodwin, F. L.	"	Malvern	Templeton	1882, 83, 84, 85	
503	Gotshall, George A.	"	Miles		1882, 83, 84, 85	
533	Gwathmey, George O.	"	Glenwood		1882, 83, 84, 85	
621	Gruwell, Charles B.	"	Grinnell		1882, 83, 84, 85	
636	Greig, James	"	Hastings		1882, 83, 84, 85	
660	Glendenning, E.	"	Lineville		—, —, —, —	Forfeited.
729	Grantham, Thomas	"	Creston		1882, 83, 84, 85	
769	Giddings, J. H.	"	Logan	Woodbine	1882, 83, —	Superseded by 2695.
771	Giddings, William	"	Logan		—	Superseded by 2018.
784	Grosvenor, D. A.	"	Ida Grove	Moingona	1882, 83, 84, 85	
792	Greene, Nathaniel	"	Cedar Rapids		—, —, —, —	Left town; forfeited.
793	Gillespie, James M.	"	Cedar Rapids		1882, 83, 84, 85	
800	Grier, David	"	Emmetsburg		—, —, —, —	Dead.
810	Garretson, B. F.	"	Osceola		1882, 83, 84, 85	
820	Gifford, H. W.	"	Marshalltown		1882, 83, 84, 85	
848	Grigg, Robert C.	"	Murray		1882, 83, 84, 85	
863	Goodrich, George L.	"	Missouri Valley		1882, 83, —	In bad health.
867	Geiss, Henry	"	Muscatine		1882, 83, 84, 85	
883	Griffin, Francis	"	Mapleton		1882, 83, 84, 85	
900	Goodwin, Chas. F.	"	Malvern		1882, 83, 84, 85	
923	Graves, McN	"	Denison	Atlantic	1882, 83, 84, 85	
933	Gillespie, Eugene	"	Newton	Mitchellville	1882, 83, 84, 85	
950	Gardner, W. D.	"	New Hampton		1882, 83, 84, 85	
993	Gephart, Arthur	"	Ottumwa		1882, 83, 84, 85	
1046	Goss, Joseph S.	"	Perry		1882, 83, 84, 85	
1054	Griffis, H. J.	"	Prairie City		1882, 83, 84, 85	
1090	Griffin, Benj.	"	Rockford		1882, 83, 84, 85	Gone to Oregon.
1136	Gregory, Edward M.	"	Denison	Whitten	1882, 83, 84, 85	Now at Correct'n'le.
1137	Gregory, Horace W.	"	Denison		1882, 83, 84, 85	
1154	Greenway, Noah	"	Muchakinock		1882, 83, 84, 85	
1235	Guenther, Jacob H.	"	Sabula		1882, 83, 84, 85	



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Number of certificate.	NAMES.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
1266	Giles, Daniel R.	Without examin.	Union.		1882, 83, 84, 85	
1272	Gourhame, Henrie	"	Vandalia		—, —, —, —	Forfeited.
1282	Griffin, Aaron D.	"	Vinton		1882, 83, 84, 85	
1325	Guenther, John.	"	Wheatland.		—, —, —, —	Forfeited.
1329	Guenther, Henry	"	Wheatland.		1882, 83, 84, 85	
1330	Gamble, Thos. D.	"	Wheatland.		1882, 83, 84, 85	
1332	Goodsell, Frederick.	"	Waterloo		1882, —, —, —	Forfeited.
1303	Glasgow, L. G.	"	Washington.		1882, 83, 84, 85	
1435	Guthrie, Stephen E.	"	Grinnell.		1882, 83, 84, 85	
1440	Graham, Israel L.	"	Muscatine		1882, 83, 84, 85	
1463	Gandrup, W. D.	Graduate.	Story City.		1882, 83, 84, 85	
1483	Garfield, Leonard K.	Without examin.	Algona.		1883, 83, 84, 85	
1499	Gunn, John A.	"	Emerson		1882, —, —, —	Forfeited.
1509	Gifford, D. F.	"	Sac City		1882, —, —, —	Sold out—forfeited.
1555	Gilchrist, W. T.	"	Waukon		1882, 83, 84, 85	
1574	Given, Oliver E.	"	Stuart		1883, 83, 84, 85	
1577	Gooddell, D. N.	"	Ida Grove.		—, —, —, —	Dead.
1599	Goodall, Fred T.	"	Ottumwa	Ottumwa.	1882, 83, 84, —	Delinquent one year.
1603	Gnash, Wm.	"	Milton	Exline.	1882, 83, —, —	Gone to Kansas.
1604	Graves, G. R.	"	Milton.		1882, 83, 84, 85	
1653	Graeser, B.	"	Battle Creek.		1882, 83, 84, 85	
1663	Goodykoonts, T. J.	"	Ogden		—, —, —, —	Forfeited.
1696	Gilbert, J. B.	By examination.	Clinton.		—, —, —, —	Left town.
1719	Goodall, Wallace B.	Without examin.	Ottumwa.		1882, 83, 84, 85	
1762	Gould, C. E.	"	Mechanicsville.		1882, 83, 84, 85	
1784	Gaddy, E. M.	By examination.	Shenandoah.	Imogene.	1882, 83, 84, —	Delinquent one year.
1803	Garlock, A. W.	"	Dayton.		1883, 84, 85	Out of business.
1811	Gillilan, Henry P.	Without examin.	Viola.		—, —, —, —	Forfeited.
1849	Guthrie, John M.	"	Fredericksburg.	Tripoli.	1882, 83, 84, 85	

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1864	Golliday, A. M.	By examination.	Bedford		1882, 83, 84, 85	
1905	Gilbert, Edwin B.	"	Iowa Center.	Baldwin	1882, 83, 84, ..	Dead.
1928	George, J. M.	"	Iowa Falls.	Williams	1882, 83, 84, 85	
1950	Gardner, Charles	Without examin.	Columbus Junction.		1882, 83, 84, 85	
2016	Giddings, Wm.	By examination.	Logan		1882, 83, 84, 85	
2041	Gaston, S. H.	Without examin.	Hayesville.	Martinsburg.	1882, 83, —, —	Forfeited.
2048	Guernsey, Wm. L.	By examination.	Des Moines.		1882, 83, 84, —	Out of business.
2214	Gesell, C. L.	"	Sac City	Fort Dodge.	1882, 83, 84, 85	
2226	Griffith, J. C.	"	Greenfield.		1882, 83, 84, 85	
2238	Glendenning, H. C.	"	Lineville		—, —, —, —	Delinquent 4 years.
2272	Guilford, Will E.	"	Emmetsburg		1882, —, —, —	Delinquent 3 years.
2339	Gingles, J. J.	"	Imogene.	Soldier	1882, 83, 84, 85	
2361	Gardner, H. G.	"	Denison	Ogden	1882, 83, 84, —	Delinquent 1 year.
2296	Greenfield, R. A.	"	Creston.	Creston.	1882, 83, 84, 85	
2378	Gilkey, R. E.	"	Audubon.		—, —, —, —	Out of State.
2414	Godding, Carl	"	Boone	Madrid	1883, 84, 85	
2447	Grover, Burton B.	"	Grimes		1883, 84, —	Out of business.
2455	Gardner, J. B.	"	Denison	Aspinwall	1883, 84, 85	
2459	Green, Fred E.	"	Oskaloosa		1883, 84, 85	
2512	Groom, Wm. S.	"	Prairie City.		1883, 84, —	Delinquent 1 year.
2587	George, L. E.	"	Rockwell		1883, 84, —	Delinquent 1 year.
2658	Goodell, C. S.	"	Cedar Rapids.		—, —, —, —	Delinquent 2 years.
2679	Gardner, W. W.	"	Avoca		1884, 85	
2683	Graves, Geo. B.	"	Milton	Milton	1884, 85	
2695	Giddings, Josiah H.	"	Woodbine		1884, 85	
2724	Gerber, Louis N.	"	Williams		1884, 85	
2880	Glaze, J. Thos.	"	Solon.		—, —, —, —	
12	Husband, Chas. A.	Without examin.	Waucoma		1882, 83, 84, 85	
48	Hatfield, A. R.	"	Vandalia		—, —, —, —	Forfeited.
61	Harwood, Geo.	"	Masonville.		1882, 83, 84, 85	
57	Himrod, Mrs. D. M.	"	What Cheer		1882, 83, 84, 85	
88	Hotchkiss, C. C.	"	Pulaski		1882, 83, 84, 85	
99	Hyde, M. J.	"	Brandon		1882, 83, 84, 85	
105	Hammer, M. J.	"	Leon		1882, 83, —, —	Delinquent 2 years.
131	Huson, E. W.	"	Anderson		—, —, —, —	Left town, forfeited.
132	Hedges, Richard S.	"	Kossuth		—, —, —, —	Left town, forfeited.
135	Henak, Anthony T.	"	Oxford Junction.		1882, 83, 84, 85	
144	Hester, Thomas H.	"	Hawleyville.	Coin	1882, 83, 84, 85	



ABSTRACT—CONTINUED.

Number of certificate.	NAMES.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
145	Huckleberry, C. F.	Without examin.	Tracy		1882, 83, 84, 85	
146	Huckleberry, Alvina A.	"	Tracy		1882, 83, 84, 85	
179	Hubbard, F. M.	"	Nora Springs		1882, 83, 84, 85	
186	Husted, David W.	"	Albia		1882, 83, 84, —	Gone to California.
194	Harris, Shorland	"	Mason City		1882, 83, 84, —	Revoked.
203	Hinchman, A. C.	"	Red Oak Junction		1882, 83, 84, 85	
211	Hunt, Josiah K.	"	Baldwin		—, —, —, —	Forfeited.
233	Hart, James M.	"	Grant	Griswold	1882, 83, 84, 85	
299	Henry, P. C.	"	Bellevue		1882, 83, 84, 85	
307	Hunter, W. A.	"	Belle Plaine		1882, 83, 84, —	Delinquent 1 year.
308	Hill, T. W.	"	Batavia		1882, 83, 84, 85	
309	Hill, C. S.	"	Batavia		1882, 83, 84, —	Dead.
325	Hatton, James W.	"	Carroll		1882, 83, 84, 85	
348	Harris, Benj.	"	Creston		1882, 83, 84, 85	Dead.
349	Harle, H. D.	"	Council Bluffs		1882, 83, 84, 85	
352	Huston, George W.	"	Clinton		1882, 83, 84, 85	
353	Hartman, Charles H.	"	Charlotte	Holstein	1882, 83, 84, 85	
364	Hubbard, Henry C.	"	Clinton	Humboldt	1882, 83, 84, 85	
383	Henry, James J.	"	Nevinville		1882, 83, 84, 85	
422	Hervey, James	"	Dubuque		1882, 83, 84, 85	
429	Holland, A.	"	Denmark		1882, 83, —, —	Retired.
431	Hippee, Warren	"	Des Moines		1882, 83, 84, 85	
470	Harrison, Chas. E.	"	Davenport		1882, 83, 84, 85	
469	Harrison, Jacob H.	"	Davenport		1882, 83, 84, 85	
479	Haas, Julius W.	"	Dubuque		1882, 83, 84, 85	
482	Haney, Oliver M.	"	Dysart		1882, 83, —, —	Left State, forfeited.
495	Hays, Martha	"	Cambridge		1882, 83, 84, 85	
505	Haldeman, Newton	"	Thornburg		1882, 83, 84, 85	
506	Hogin, John C.	"	Sigourney		1882, 83, 84, 85	

510	Hockenbuag, Jas. T.	Without examin.	Sigourney		1882, 83, 84, 85	
525	Heine, Wm. H.	"	Garnavillo	Guttenburg	1882, 83, 84, 85	
541	Herbert, Stockton C.	"	Des Moines		1882, 83, 84, 85	
548	Hagensick, H. H.	"	Elkader		1882, 83, 84, 85	
561	Hammond, Jno. H.	"	Eldora		1882, 83, 84, 85	
564	Hardenbrook, Geo.	"	Exira		1882, 83, 84, 85	
567	Henry, Wm. G.	"	Emmetsburg		1882, 83, 84, 85	
569	Harris, Wm. J.	"	Earlville		1882, —, —, —	Forfeited.
570	Harris, J. S.	"	Earlville		1882, —, —, —	Forfeited.
575	Hufford, R. H.	"	Fairfield		1882, 83, 84, 85	
586	Higley, Daniel G.	"	Fairfield		1882, 83, 84, 85	
589	Harmon, Ardell	"	Farragut	Madrid	1882, 83, —, —	Forfeited; in Cal.
593	Higley, T. F.	"	Fairfield		1882, 83, —, —	Sold out.
622	Hull, F. S.	"	Grinnell		1882, 83, 84, 85	In Dakota.
624	Hedges, Thos. M.	"	Grinnell		1882, 83, —, —	Sold out.
628	Hutchins, Jas. H.	"	Hampton		1882, 83, 84, 85	
633	Harriman, O. B.	"	Hampton		1882, 83, —, —	Delinquent 2 years.
644	Henderson, Wm. H.	"	Humeston		1882, 83, 84, 85	
661	Hovey, Horace W.	"	Independence		1882, 83, 84, 85	
664	Hoag, J. L.	"	Iowa Falls		1882, 83, 84, 85	
666	Hess, John W.	"	Iowa City	Muscatine	1882, 83, 84, 85	
677	Hill, David R. M.	"	Kellogg		1882, 83, 84, 85	
704	Hohr, Wm. A.	"	Keosauqua		1882, 83, —, —	Delinquent 2 years.
724	Hughes, Jr., J. C.	"	Keokuk		1882, —, —, —	Forfeited.
748	Hyatt, Joel	"	Lynnville	New Sharon	1882, —, —, —	Forfeited.
757	Hahn, Wm. F.	"	Lowden		1882, 83, 84, 85	
774	Hope, Geo. T.	"	Little Sioux		1882, 83, 84, 85	
775	Hope, Wm. H.	"	Little Sioux		1882, 83, 84, —	
786	Henak, Mary	"	Oxford Junction		1882, 83, 84, 85	
795	Haman, Geo. C.	"	Cedar Rapids		1882, 83, 84, 85	
798	Harold, F. P.	"	Clermont		—, —, —, —	Forfeited.
880	Hershe, Abram B.	"	Muscatine		1882, 83, 84, 85	
888	Hatter, John V.	"	Millersburg		1882, 83, 84, 85	
899	Henshie, Isaac	"	Mitchellville		1882, 83, —, —	Delinquent 2 years.
911	Horne, John	"	Mt. Ayr		1882, 83, 84, 85	
925	Hogin, Geo. B.	"	Newton		1882, 83, 84, —	Out of business.
982	Hine, John B.	"	Council Bluffs		1882, 83, —, —	Delinquent 2 years.
988	Huson, Chas. A.	"	Odebolt		1882, —, —, —	Forfeited.
991	Harlan, C. F.	"	Ottumwa		1882, 83, 84, —	Delinquent 1 year.



ABSTRACT—CONTINUED.

Number of certificate.	NAMES.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
1019	Hershiser, Edwin	Without examin.	Onawa		—, —, —, —	Forfeited.
1024	Hall, Morris B.	"	Oxford Mills		1882, —, —, —	Forfeited.
1028	Hall, John L.	"	Osage		1882, 83, —, —	Forfeited.
1034	Hulbert, Chas. E.	"	Osceola		1882, 83, 84, 85	
1038	Hines, Ed. K.	"	Oskaloosa	New Sharon	1882, —, —, —	Forfeited.
1066	Hayden, O. B.	"	Panora		1882, 83, 84, 85	
1067	Hicks, H. V.	"	Preston		1882, 83, 84, 85	
1071	Howenstein, W. M.	"	Parkersburg		1882, 83, 84, 85	
1079	Hampson, Jas. C.	"	Fairfield	Fairfield	1882, 83, 84, 85	
1082	Hatton, S. C.	"	Riverton		1882, 83, 84, 85	
1115	Haskitt, George A.	"	Colfax		1882, 83, 84, 85	
1116	Haskit, Wm. I.	"	Colfax		1882, —, —, —	Forfeited.
1130	Huegle, H. W.	"	Des Moines		1882, —, —, —	Forfeited.
1164	Hutson, Henry C.	"	Montour	Gladbrook	1882, 83, 84, 85	
1185	Hansen, F.	"	Sioux City		1882, 83, —, —	Forfeited.
1186	Hundt, W. L.	"	Sioux City		1882, 83, 84, 85	
1187	Haskins, Ed.	"	Sioux Rapids		1882, 83, 84, 85	
1188	Haskins, Jas. M.	"	Sioux Rapids		1882, 83, 84, 85	
1196	Hopper, Byron M.	"	Springville		1882, —, —, —	Forfeited.
1197	Hopper, Mary S.	"	Springville		1882, 83, 84, 85	
1224	Hunt, Charles H.	"	Stanwood		1882, 83, 84, 85	
1231	Hale, Bernard A.	"	Sheldahl	Cambridge	—, —, —, —	Forfeited.
1257	Hirschfield, Frank	"	Tipton		1882, —, —, —	Forfeited.
1280	Hopwood, A. L.	"	Vinton		1882, 83, 84, 85	
1287	Hodges, Geo. W.	"	Winterset		1882, 83, 84, 85	
1288	Hervey, Charles B.	"	Winterset		1882, 83, 84, —	Gone to Kansas.
1297	Hopsteater, Irene H.	"	Winfield		1882, 83, 84, 85	
1319	Hanna, John W.	"	Winfield		—, —, —, —	Forfeited.
1334	Henderson, J. L.	"	Waterloo		1882, 83, 84, 85	

1347	Hudson, Thos. J.	Without examin.	Winterset		1882, 83, 84, 85	
1349	Hall, Solon G.	"	West Side		—, —, —, —	Superseded by 2003.
1356	Hopkins, C. M.	"	Wall Lake	Wall Lake	1882, 83, 84, 85	
1363	Houser, John F.	"	West Branch		—, —, —, —	Sold out. Forfeited.
1367	Higby, Geo. H.	"	Anamosa		1882, —, —, —	Forfeited.
1385	Hogin, Sam'l R.	"	Delta		—, —, —, —	Forfeited.
1389	Heiser, H. C.	"	Franklin		—, —, —, —	Dead.
1400	Hildreth, Isaac F.	"	Leon		—, —, —, —	Revoked.
1402	Hull, Justin M.	"	Lake Mills		1882, 83, —, —	Gone to Dakota.
1426	Helfritz, R.	"	St. Ansgar		1882, 83, 84, 85	
1444	Heinsins, Chas.	"	Solon		1882, 83, 84, 85	
1446	Howey, T. M.	"	Wapello		1882, 83, 84, 85	
1447	Howey, H.	"	Wapello		1882, 83, 84, 85	
1455	Heiser, Johanna M.	"	Franklin		1882, 83, 84, 85	
1457	Heffelfinger, W. W.	"	Grundy Center		1882, —, —, —	In Neb. Forfeited.
1458	Hyatt, N. J.	"	Chillicothe	Van Wert	1882, 83, 84, 85	
1459	Hyatt, R.	"	Chillicothe		1882, 83, 84, 85	
1467	Heath, Wm. H.	"	Alta	Lehigh	1882, 83, 84, 85	
1478	Houghton, F. E.	"	Adel		1882, 83, 84, 85	
1481	Harr, D. D.	"	Janesville	Belmond	1882, 83, 84, 85	
1482	Herries, Jas. S.	"	Janesville		—, —, —, —	Retired. Forfeited.
1493	Harris, S. L.	"	Cresco		—, —, —, —	Superseded by 2363.
1496	Huntley, A. J.	"	Sargent's Bluff		1882, 83, 84, —	Delinquent 1 year.
1510	Halstead, T. J.	"	Savanna		1882, 83, 84, 85	
1517	Hess, Elmer A.	"	Delmar		1882, 83, 84, 85	
1518	Hansen, H. C.	"	Des Moines		1882, 83, 84, 85	
1523	Hastings, E. W.	"	Quasqueton		1882, 83, 84, 85	
1530	Hart, Kolla J.	"	Low Moor		—, 83, —, —	Delinquent 2 years.
1539	Henry, George C.	"	Burlington		1882, 83, 84, 85	
1549	Hughes, Martin	"	Keokuk		1882, 83, 84, —	Delinquent 1 year.
1566	Howard, Henry H.	"	Charles City		—, —, —, —	Forfeited.
1579	Hayden, John D.	"	Liberty Center		1882, 83, 84, —	In Arkansas.
1585	Hutton, Henry	"	Swede Point	Madrid	1882, 83, 84, 85	
1598	Hundeby, T. K.	"	Northwood		1882, 83, 84, 85	
1634	Hornaday, N. S.	"	Lenox		—, —, —, —	Dead.
1636	Hill, C. W.	"	Grand Junction		—, —, —, —	Forfeited.
1637	Heine, Leonard	"	Guttenburg		1882, —, —, —	Out of bus. Forf'd.
1664	Hall, Lucian W.	"	Ladora		—, —, —, —	Retired. Forfeited.
1686	Haskell, George E.	By examination.	Oelwein	Decorah	1882, 83, 84, 85	



ABSTRACT—CONTINUED.

Number of certificate.	NAMES.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
1687	Harlan, Charles E.	By examination.	Des Moines.		1882, 83, 84, 85	
1689	Hammer, Alfred	"	Des Moines.		1882, 83, 84, 85	
1695	Harlan, Laurence L.	"	Ottumwa	Hawarden	1882, 83, 84, 85	
1704	Hanford, George S.	"	Charles City		1882, 83, 84, 85	
1722	Harris, T. C.	Without examin.	Bartlett		1882, 83, 84, 85	
1731	Herriott, John	"	Stuart		1882, 83, 84, 85	
1740	Hartman, John G.	"	Hebron		1882, 83, 84, 85	
1744	Hagensick, C. W.	"	Clayton Center		—, —, —, —	Forfeited.
1747	Hill, J. A.	"	Lineville		1882, —, —, —	Forfeited.
1724	Heiser, Rudolph.	"	Keokuk		1882, 83, 84, 85	
1770	Hart, Theodore	"	Galesburg		1882, 83, 84, 85	
1773	Hubbard, L. W.	"	Monmouth		1882, —, —, —	Forfeited.
1775	Hagensick, A. Chas	"	Read		1882, 83, 84, 85	
1785	Hinshaw, John.	By examination.	Winterset		1882, —, —, —	Forfeited.
1802	Hays, David D.	"	Cambridge	Perry	1882, 83, 84, 85	
1809	Howell, J. M.	Without examin.	Albion		1882, 83, 84, 85	
1810	Hinkle, George W.	"	Granville	Harvard	1882, 83, 84, —	Delinquent 1 year.
1823	Howard, F. M.	"	Carroll City		1882, 83, 84, 85	
1834	Hamilton, S. B.	"	Clarion		—, —, —, —	Forfeited.
1835	Hipsley, J. J.	"	Fort Dodge.	Avoca	1882, 83, 84, 85	
1838	Hill, M. W.	"	Dover		1882, 83, 84, 85	
1922	Hyde, Chas. E.	By examination.	Odebolt		—, —, —, —	Forfeited.
1929	Hinshaw, Wm.	"	Des Moines.		—, —, —, —	Delinquent 4 years.
1941	Hardy, W. H.	"	Clinton		1882, 83, 84, 85	
1949	Hall, W. F.	Without examin.	Columbus Junction.		—, —, —, —	Dead.
1955	Hoffman, Nicholas	"	La Motte.		1882, 83, 84, 85	
1961	Hill, Mrs. E. A.	"	Dover		—, —, —, —	Forfeited.
1971	Hopkins, S. H.	"	Wheeler's Grove		—, —, —, —	Forfeited.
2003	Hall, Solon G.	By examination.	West Side.	Alta	1882, 83, 84, 85	

2013	Hoffman, Chas. L.	By examination.	Moravia	Moravia	1882, 83, 84, 85	
2058	Hyser, Wm. W.	"	Casey	Guthrie Center	1882, 83, 84, 85	
2066	Hume, Jas. H.	"	Scranton	Laurel	1882, 83, 84, 85	
2083	Hodge, J. L.	"	Glenwood	Council Bluffs.	1882, —, —, —	Delinquent 3 years.
2085	Hunt, A. B.	"	Scranton	Early	1882, 83, 84, 85	
2087	Harrison, D. C.	"	Clarksville.		1882, 83, 84, 85	
2113	Hutchinson, B. T.	Without examin.	Fort Dodge.		—, —, —, —	Forfeited.
2132	Houston, O. J.	By examination.	Audubon		1882, 83, 84, 85	
2201	Henderson, H. C.	"	Cherokee		1882, —, —, —	Delinquent 3 years.
2180	Harsh, I. M.	"	Irvin		1882, —, —, —	Out of business.
2205	Harlan, Chas. L.	"	Carson	Council Bluffs.	1882, 83, —, —	Delinquent 2 years.
2206	Horton, Frank A.	"	Gilman	Laurel	1882, 83, 84, 85	
2215	Hamilton, C. M.	"	Pocahontas Center.	Thornburg	1882, 83, 84, 85	
2217	Hostetter, Peter	"	Guthrie Center.		1882, 83, —, —	In Omaha.
2220	Hetlesater, Reinert	Graduate	Sheldahl.		1882, 83, 84, 85	
2242	Hammer, Alvin G.	Graduate	Des Moines.		1882, 83, 84, 85	
2256	Hinsdale, Frank L.	By examination.	Gray	Toledo	1882, 83, 84, 85	
2261	Hamilton, F. R.	"	Story City		1882, 83, 84, 85	
2267	Hay, J. A.	"	Anderson		1882, —, —, —	Delinquent 3 years.
2268	Hawver, B. H.	"	Audubon	Dedham	1882, 83, 84, 85	
2326	Harmon, Frank H.	"	Davenport.	Essex	1882, 83, 84, 85	Gone to Illinois.
2331	Harrington, Chas E	"	Humboldt	Dakota City	1882, 83, 84, 85	
2340	Hunter, Fred E	"	Independence	La Porte City	1882, 83, 84, 85	
2342	Hine, Chas. W.	"	Stanton		1882, 83, 84, 85	
2358	Hardenbrook, J. E.	"	Albia.		1882, 83, 84, 85	
2363	Harris, Sumner L.	"	Cresco	Fort Dodge	1882, —, —, —	Delinquent 3 years.
2300	Hammond, W. S.	"	Adel	Guthrie City	1882, 83, 84, 85	
2301	Hornaday, Lurton D.	"	Red Oak.		1882, —, —, —	Out of business.
2306	Harris, H. S.	"	Mason City.		1882, 83, —, —	Dead.
2367	Hardman, Chas. W.	"	Hancock		1882, 83, 84, 85	
2384	Holywell, J. B.	"	New Sharon		1883, —, —, —	Revoked.
2417	Huston, James T.	"	Clinton	Sibley	1883, 84, 85	
2420	Hollingsworth, A.	"	Seymour		1883, —, —, —	Delinquent 2 years.
2422	Harmon, James A.	"	Irwin		1883, 84, 85	
2424	Hinton, G. A.	"	Frederick	Minburn	1883, 84, 85	
2446	Hawley, Wm. A.	"	Menlo		1883, 84, 85	
2461	Hite, Robert B.	"	Clarinda.		1883, 84, 85	
2484	Handel, Daniel	"	Onawa		1883, 84, 85	
2487	Hogue, Frank P.	"	Keokuk.		—, —, —, —	Left State.



ABSTRACT—CONTINUED.

Number of certificate.	NAMES.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
2498	Huff, John W	By examination.	Modale	Missouri Valley	1883, 84, 85	
2496	Hoag, Ed. H	"	Strawberry Point		1883, 84, 85	
2502	Howard, Nathaniel K	"	Webster City	Fort Dodge	1883, —, —	Left the State.
2514	Heinsins, Otto	"	Solon		1883, 84, 85	
2525	Hallett, Will P	"	Wyoming		1883, 84, 85	
2527	Hardesty, Frank	"	Avoca	Atlantic	1883, 84, 85	
2540	Henderson, Joseph S	"	Rose Hill	Muchakinock	1883, 84, —	Delinquent 1 year.
2549	Hostetter, John I	"	Colo		1883, 84, 85	
2559	Hershey, D. A	"	Clarinda		1883, 84, 85	
2557	Harvey, S. N	"	Neola		1883, 84, 85	
2560	Holbrook, George A	"	Dyersville		1883, 84, 85	
2562	Hansen, James B	"	Collins		1883, 84, 85	
2579	Hipple, J. W	"	Quorn	Kingsley	1883, 84, —	Delinquent 1 year.
2585	Henderson, Wm. A	"	West Branch	Clarinda	1883, 84, 85	
2603	Higdon, Orville B	"	Allerton		1884, 85	
2634	Heffernan, John	"	Cascade		1884, 85	
2643	Hanes, Geo. W	"	Maynard		1884, 85	
2650	Hull, A. H	"	Manning		—, —, —	Delinquent 2 years.
2639	Hoover, F. E	"	Washinton		1884, 85	In Kansas.
2655	Hayes, J. W	"	Des Moines	Cedar Rapids	1884, 85	
2665	Howey, Frank	"	Fort Dodge		1884, 85	
2702	Holland, Ed. A	"	Gravity		1884, 85	
2706	Hunter, J. C	"	Dubuque		1884, —	In Montana.
2704	Holtzschuher, Oscar Von	"	Creston		1884, 85	
2709	Hadden, David E	"	LeMars		1884, 85	
2712	Hutchinson, David	"	Winterset		1884, 85	
2715	Howe, A. J	"	Greenfield		1884, 85	
2730	Hansen, Jno. H	"	Lamoni		1884, 85	
2731	Harlan, Oscar F	"	Council Bluffs		1884, —	Delinquent 1 year.

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2739	Hendershot, W. W	By examination.	Rose Hill		1885	
2744	Hugg, A. A	"	Oskaloosa		1885	
2758	Harvey, John Thomas	"	Clinton		1885	
2770	Hinckley, Levi E	"	Ottumwa		1885	
2771	Harran, Orlando	"	Algona		1885	
2782	Hampton, R. B	"	West Liberty	Atalissa	1885	
2783	Hill, John E	"	Britt		—	Delinquent one year.
2789	Howard, George R	"	Runnells		1885	
2804	Hoag, E. L	"	Tama City	Cedar Rapids	1885	
2807	Hopkins, W. B	"	St atford	Rockwell City	1885	
2812	Heitz, J. Wm	"	Burlington		1885	
2815	Heskett, F. P	"	Corwith		1885	
2820	Haughey, S. B	"	Molton		1885	
2837	Highley, W. H	"	Storm Lake		—	Delinquent one year.
2857	Hougland, Allen C	"	Milton		—	
2903	Hyde, W. P	"	Le Claire		—	
2904	Hummell, Mathias	"	Grundy Center		—	
317	Israel, W. G	Without examin.	Brighton		1882, 83, 84, 85	
512	Ink, P. P	Graduate.	Washington		1882, 83, 84, 85	
538	Ingles, Chester S	Without examin.	Dallas		1882, —, —, —	Forfeited.
537	Isbell, Zuri G	"	Center Junction		1882, 83, 84, 85	
700	Irwin, John B	"	Keota		—, —, —, —	Forfeited.
711	Isbell, George A	"	Central City		1882, 83, 84, 85	
1091	Irwin, Robert P	"	Rockford		1882, 83, 84, 85	
1576	Ingalls, Joseph E	"	Denmark		1882, 83, 84, 85	
1693	Irwin, Charles E	By examination.	Elliott		—, —, —, —	Delinquent 4 years.
1718	Israel, Robt	Without examin.	Richland		1882, —, —, —	Forfeited.
1945	Torns, Henry F	"	Welton		—, —, —, —	Dead.
2398	Ingersoll, R. B	By examination.	Boone	Des Moines	1883, 84, 85	
2631	Ingels, J. B	"	Meriden		1884, 85	
2636	Inskeep, Chas. C	"	Ottumwa		1884, 85	
2878	Isbell, G. A	"	Maquoketa		—, —, —, —	
66	Jilek, Joseph	Without examin.	Ely		—, —, —, —	Dead.
133	Johnston, W. S	"	Big Grove	Corning	1882, 83, 84, 85	
166	Jones, Em R (now Mrs. Walk'r)	"	Grandview		1882, 83, 84, —	Delinquent one year.
172	Johnston, John	"	Brandon		1882, —, —, —	Forfeited.
202	Johnston, Bartlett	"	River Sioux		—, —, —, —	Forfeited.

1885.]

STATE PHARMACY REGISTER.



ABSTRACT—CONTINUED.

Number of certificate.	NAME.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
236	Johnson, S. M.	Without examin.	Carson.		1882, 83, 84, 85	
237	Johnson, Ella S.	"	Carson.		1882, 83, 84, 85	
355	Johnson, Henry	"	Cedar Falls.		1882, 83, 84, 85	
489	Jappe, C. F.	"	Davenport.		—, —, —, —	Left State; forfeited.
478	Junkerman, Otto.	"	Dubuque		1882, 83, —, —	Dead.
497	Janes, Edward L.	"	Des Moines.		1882, 83, 84, 85	
620	Johnson, Jos. G.	"	Grinnell.		1882, 83, 84, 85	
670	Jay, Oscar O.	"	Jefferson.	Gowrie.	1882, 83, 84, 85	
723	Jennings, H. B.	"	Keokuk		1882, 83, 84, —	Delinquent 1 year.
746	James, Isaac.	"	La Porte City		1882, 83, 84, 85	
789	Johnston, Richard H.	"	Cromwell.		1882, 83, —, —	Sold out.
850	Johnston, Robt. O.	"	Morning Sun		—, —, —, —	Dead.
999	Johnson, Alfred.	"	Ottumwa.	Given	1882, 83, 84, 85	
1006	Johnson, J. W.	"	Ottumwa.		—, —, —, —	Left town; forfeited.
1008	Jeppson, John.	"	Ottumwa.		1882, 83, 84, 85	
1013	Jamison, George W.	"	Oelwein		1882, 83, 84, 85	
1088	Junger, Hugo.	"	Reinbeck		1882, 83, 84, 85	
1089	Jacobson, D.	"	Reinbeck		1882, 83, 84, 85	
1160	Johnston, John C.	"	Marshalltown.		1882, —, —, —	Dead.
1201	Jones, Joseph E.	"	Stellapolis P. O.	North English.	1882, 83, 84, 85	
1313	Johnson, Thomas.	"	Woodburn		—, —, —, —	Left town; forfeited.
1388	Jones, Albert C.	"	Fairfield.		1882, 83, 84, 85	
1390	Jones, Cornelius A.	"	Fairfield.		1882, 83, 84, 85	
1391	Jones, William H.	"	Fairfield.		1882, —, —, —	Dead.
1607	Jordan, F. H.	"	Danville.		1882, 83, 84, 85	
1676	Johnston, George P.	By examination.	Iowa Center.		—, —, —, —	Left town.
1765	Johnson, A. M.	Without examin.	Spirit Lake.		1882, 83, —, —	Forfeited.
1836	Jones, J. R.	"	Fertile		1882, 83, 84, 85	
1839	Jones, W. C.	"	Hamlin.		—, —, —, —	Left town; forfeited.

1853	Johnson, L. M.	By examination.	Winthrop	Storm Lake.	1882, 83, 84, 85	
1863	Jones, J. B.	"	Denison.	Atlantic.	1882, 83, 84, 85	
1897	Jones, G. W.	"	Peoria City.	Valeria.	1882, 83, 84, 85	
1982	Johnson, D. M.	"	Rockwell City.		1882, 83, 84, 85	
1983	Johnson, C. C.	"	Adel.		1882, —, —, —	Left town.
2011	James, W. T.	"	Des Moines.		—, —, —, —	Left the town.
2042	Joder, Josiah K.	Without examin.	Waterloo.		1882, 83, 84, 85	
2073	Jennings, Jr., Joseph.	By examination.	Wilton Junction.	Atalissa.	1882, 83, 84, —	In Kansas.
2111	Jepson, Edward M.	Without examin.	West Branch.	Oto.	1882, 83, 84, 85	
2285	Jay, D. D.	By examination.	Floris.	Pulaski.	1882, 83, 84, —	Out of business.
2289	Johnson, Barnet.	"	La Moille.	Ida Grove.	1882, —, —, —	Delinquent 3 years.
2345	James, John E.	"	Weldon.		1882, —, —, —	Delinquent 3 years.
2292	Jeffrey, W. P.	"	Bedford.	New Market.	1882, 83, 84, 85	
2372	Jones, Thos. B.	"	Floris.	Eldon.	1883, 84, 85	
2386	Jennings, W. S.	"	Perry.		1883, 84, —	Delinquent 1 year.
2394	Jackson, D. W.	"	Hepburn.		1883, 84, —	Delinquent 1 year.
2397	Jones, S. C.	"	Humboldt.		1883, 84, —	Delinquent 1 year.
2468	Jones, Uriah C.	"	Breda.		1883, 84, 85	
2574	Johnson, Wm. S.	"	Bellevue.		1883, 84, 85	
2686	Jones, Edward H.	"	Ridgeway.		1884, —	Gone to Wisconsin.
2733	Jappe, Christian F.	Graduate.	Davenport.		1885	
2722	John, Milo J.	By examination.	Clinton.		1884, 85	
2800	Jenkins, Hugh.	"	Preston.		1885	
89	Kern, Chas. J.	Without examin.	Belmond.		1882, —, —, —	Forfeited.
90	Kern, J. B.	"	Belmond.		1882, —, —, —	Forfeited.
108	Kitch, J. S.	"	Reasnor.		—, —, —, —	Superseded by 2307.
115	Keller, Geo. R.	"	Wapello.		1882, 83, 84, 85	
192	Keys, E. M.	"	Walker.		1882, —, —, —	Forfeited.
207	Kolls, Conrad A.	"	Ackley.		1882, 83, 84, —	Delinquent 1 year.
216	Kleinhaus, H.	"	Clayton City.		1882, 83, 84, 85	
222	Kimball, James H.	"	Webster City.		1882, 83, 84, —	Delinquent 1 year.
385	Keller, A. H.	"	Corydon.		1882, —, —, —	Revoked.
414	Klinkner, John H.	"	Cascade.		1882, 83, 84, 85	
435	Koch, Francis J.	"	Davenport.		1882, 83, 84, 85	
436	Kemmerer, Chas. T.	"	Eldridge Junction.		1882, 83, 84, 85	
438	King, John M.	"	Dallas Center.		1882, —, —, —	Left town. Forft'd.
440	Koch, Peter Theo.	"	Davenport.		1882, 83, 84, 85	
508	Keeler, Riley.	"	Sidney		1882, 83, 84, 85	



ABSTRACT—CONTINUED.

Number of certificate.	NAME.	How registered.	Place of registration.	Last reported address.	CERTIFICATE. RENEWED FOR.	REMARKS.
544	Kirkwood, James W.	Without examin.	Otley	Otley	1882, 83, 84, 85	
548	Kirkwood, T. J.	"	Otley		1882, 83, 84, 85	
568	Kriebs, Geo.	"	Elkport	Carroll	1882, 83, 84, 85	
643	Korslund, Chrest	"	Humboldt		1882, 83, 84, —	Sold out
673	Kelley, James P.	"	Knoxville.			Dead.
683	Kerr, David A.	"	Keokuk		1882, 83, 84, 85	
691	Kiedaisch, J. Fred	"	Keokuk		1882, 83, 84, 85	
725	Kittell, E. H.	"	Shell Rock		—, —, —, —	Forfeited.
754	Kettering, Solomon	"	Lisbon		1882, 83, 84, 85	
763	Kiehl, R. S.	"	Lewis		1882, 83, 84, 85	
822	Kelley, Wilbur H.	"	Marshalltown		1882, 83, 84, 85	
843	Kempf, Albert	"	Monticello		1882, 83, 84, 85	
903	Kennedy, M. G.	"	McGregor		1882, 83, 84, 85	
929	Kiisel, Henry L.	"	Newton		1882, 83, 84, 85	
972	Kearney, Edward F.	"	Cascade		1882, 83, —, —	Delinquent 2 years.
1072	Keeler, Banner L.	"	Plum Hollow P. O.		1882, 83, 84, 85	Now Anderson.
1132	Klopp, John J.	"	Decorah	Estherville	1882, 83, 84, 85	
1165	Kepler, Thos. S.	"	Mt. Vernon.		—, —, —, —	Retired; forfeited.
1171	Keables, J. B.	"	Pella		1882, 83, 84, 85	
1170	Keables, Benjamin F.	"	Pella		1882, 83, 84, 85	
1227	Kuhn, Robert E.	"	Shelby		—, —, —, —	Forfeited.
1256	Kirk, A. M.	"	Tipton	Cedar Rapids.	1882, 83, 84, 85	
1293	Kennedy, Jas. A.	"	Waukon		1882, 83, 83, 85	
1380	Keeler, Wm. H.	"	Des Moines.		1882, 83, —, —	Forfeited.
1407	Kinney, David F.	"	Mapleton		—, —, —, —	Retired; forfeited.
1422	Knight, Frank B.	"	Sac City		1882, 83, 83, 85	
1529	Kenyon, T. F.	"	Jesup		1882, 83, 83, 85	
1534	Kuen, Felix F.	"	Carroll City		—, —, —, —	Forfeited.
1590	Kirkpatrick, T. N.	"	Marne	Brayton	1882, 83, —, —	Delinquent 2 years.

STATE PHARMACY REGISTER.

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1705	Keese, John	By examination..	Charlton	Corning	1882, 83, 84, 85	
1734	Kerns, J. T. W.	Without examin.	Cantril		1883, 84, 85	
1756	Kynett, X. W.	"	Hamburg.		—, —, —, —	Forfeited.
1798	Knaul, Rudolph	By examination..	Denison		1882, 83, 84, 85	
1800	Krehe, J. T.	"	Muscatine.		1882, 83, 84, 85	
1805	Kruskoph, Ernst	Graduate	Keokuk		1882, 83, 84, 85	
1819	Knowles, Hollis S.	Without examin.	Avoca		1882, 83, 84, 85	
1856	Kenyon, T. S.	By examination..	Grundy Center		1882, 83, 84, 85	
1879	Kennedy, J. F.	"	Waukon		1882, 83, 84, 85	
1895	Kirby, E. R.	"	Allerton.		—, —, —, —	Left the country.
1902	Kelley, S. H.	"	Council bluffs.		1882, 83, 84, 84	
1911	Knowles, Seth	"	Searsboro.	What Cheer.	1882, —, —, 85	
1916	Kelley, Franklin E.	"	Carlisle		1882, 83, 84, 85	Juniata, Neb.
1921	Knapp, C. D.	"	Greenfield		1882, 83, 84, 85	
1973	Keables, H. S.	Without examin.	Pella		1882, 83, 84, 85	
1979	Knox, Eugene M.	By examination..	Audubon	Battle Creek	1882, 83, 84, 85	
1995	Kelleher, Thos. F.	"	Bevington.	Fonda.	1883, 84, —	Out of business.
2038	King, E. H.	Without examin.	Clinton		1882, 83, 84, 85	
2063	Kauffman, Edward J.	By examination..	Waverly		1882, 83, 84, 85	
2067	Keeling, Jas H.	"	Steamboat Rock	Emmetsburg	1882, 83, 84, —	Delinquent 1 year.
2068	Keiter, Louis M.	"	Grundy Center.		1882, 83, 84, 85	
2109	Kitchen, Carl	Without examin.	Vandalia		—, —, —, —	Forfeited.
2114	King, C. M.	"	West Chester.		—, —, —, —	Forfeited.
2155	King, Albert E.	By examination..	Redding		1882, 83, 84, 85	
2167	Kuenzel, Herman C.	By examination..	Garnavillo		1882, 83, 84, 85	
2183	Killingbeck, Wm. J.	Graduate	Humboldt	Cedar Falls.	1882, —, —, —	Forfeited.
2250	Koto, P. O.	By examination..	Forest City		1882, 83, 84, 85	
2264	Kessler, Fred C.	"	Fort Dodge.		1882, 83, 84, 85	
2288	King, Thos. F.	"	Lineville		1882, 83, 84, 85	
2325	Kalb, Jr. Henry E.	"	Dubuque		1882, 83, 84, —	Delinquent 1 year.
2333	Kirk, Chas. R.	"	Moulton	Chariton.	1882, 83, 84, 85	
2307	Kitch, Jacob S.	"	Dunreath		1882, —, —, —	Delinquent 3 years.
2383	Keyes, J. N.	"	Nugent's Grove.	Walker	1883, 84, 85	
2418	Kane, Philip	"	Oelwien		1883, 84, 85	
2436	Kneeland, Frank J.	"				Resides in Minn.
2464	Kimball, Frank	"	Sioux City	Conway.	1883, —, —	In Norway, Maine.
2471	Krebbs, Jacob	"	Bristow		—, —, —, —	Out of business.
2482	Keating, Patrick	"	What Cheer		1883, 84, —	Out of business.
2515	Knapp, Jas. J.	"	Dubuque	Waterloo.	1883, 84, 85	

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STATE PHARMACY REGISTER.

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ABSTRACT—CONTINUED.

Number of certificate.	NAMES.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
2547	Kearby, E. W.	By examination.	Elkhart		1883, 84, 85	
2595	Keeler, Chas. E.	"	Lake Mills		1883, 84, 85	
2599	Karlson, Vollrath	Graduate	Burlington		1884, 85	Guttenberg, Neb.
2626	Kettlewell, Geo. W.	By examination.	Iowa City		1884, 85	
2637	Kimmell, B. G.	"	Winfield		1884, 85	
2653	Kearville, Wm.	"	Centerville		1884, 85	
2677	Kidder, Rush E.	"	Mondamin		1884, —	Out of business.
2692	Kolvoord, Jno.	"	Orange City		—, —	Delinquent 2 years.
2736	Kelley, Geo.	"	Rockford		1885	
2777	King, E. H.	"	West Liberty		1885	
2790	Kelley, W. T.	"	Leon		1885	
2809	Knowles, J.	"	Logan		1885	
2822	Kinney, O. S.	"	Council Bluffs		1885	
2823	Knecht, Allen	"	Vanhorne	Deep River	1885	
2843	Kubec, Fred	"	Riverside		1885	
2868	Kiichmann, J. Theo.	"	Des Moines	Sigourney		
2888	Kenyon, W. C.	"	Mt. Union			
2902	Kelly, J. B.	"	Bondurant	St. Charles		
7	Lout, C. B.	Without examin.	Delaware		1882, 83, 84, 85	
39	Lewis, S. W.	"	Wellman	Noble	1882, 83, 84, 85	
79	Loyd, Levi	"	Stiles	Van Wert	1882, 83, 84, 85	
160	Long, G. P.	"	Perry		1882, 83, 84, 85	
190	Lewis, Wm.	"	Quasqueton		1882, 83, 84, 85	
213	Lewis, Julius M.	"	Randalia		1882, 83, 84, 85	
226	La-Nicca, Mart. J. G.	"	Dubuque		1882, 83, 84, 85	
261	Lenhart, Franklin	"	Alden		1882, 83, —, —	Left the town.
316	Leonhart, C. K.	"	Brush Creek		1882, 83, 84, —	Delinquent 1 year.
356	Loomis, Samuel L.	"	Casey		1882, 83, 84, 85	
357	Lull, Albert M.	"	Coburgh		1882, 83, 84, 85	

358	Lauterman, G. C.	Without examin.	Cedar Rapids		—, —, —	Superseded by 2005.
359	Loymer, R. H.	"	College Springs		—, —, —	Retired; forfeited.
379	Loy, Jacob, Jr.	"	Clarinda	Coin	1882, 83, 84, 85	
446	Lerchen, Herman	"	Davenport		1882, 83, 84, ..	Superseded by 2786.
499	Louthan, Jno. M.	"	Dow City	Sutherland	1882, 83, 84, 85	
509	Laffer, Emanuel	"	Sigourney		1882, 83, 84, 85	
520	Little, M. A.	"	Casey		1882, —, —, —	Left town; forfeited.
534	Little, Clem B.	"	Anita		1882, .....	Superseded by 2430.
536	Livermore, Chas. A.	"	Cascade		1882, 83, 84, 85	
545	Landen, Chas.	"	Essex		—, —, —, —	Retired; forfeited.
546	Landen, David	"	Essex		—, —, —, —	Retired; forfeited.
566	Larkin, E. J.	"	Emmetsburg		1882, .....	Superseded by 2672.
596	Lamb, Wm. M.	"	Glenwood		—, —, —, —	Retired; forfeited.
602	Lambertson, Wm. T.	"	Glidden		—, —, —, —	Out of bus's, forf'd.
611	Lemmon, Albert D.	"	Guthrie Center		1882, 83, 84, 85	
720	Livingston, Hugh	"	Hopkinton		1882, 83, 84, 85	
732	Lichty, Norman	"	Des Moines		1882, 83, 84, 85	
765	Lovejoy, J. H.	"	Lawler		1862, 83, 84, —	Sold out.
832	Lyon, Smith	"	Mt. Pleasant		1882, 83, 84, 85	
847	Landis, S. L.	"	Murray	Osceola	1882, 83, 84, 85	
849	London, L. W.	"	Murray		—, —, —, —	Out of bus's, forf'd.
865	Lawrence, W. E.	"	Masonville		—, —, —, —	
884	Lockwood, Jno. D.	"	Mapleton		1882, 83, 84, 85	
920	Lillis, L. M.	"	Dubuque		1882, 83, 84, 85	
949	Little, Chas	"	New Albin		1882, 83, 84, 85	
1027	Lezott, Chas. H.	"	Osage		1882, 83, 84, 85	
1051	Litchfield, A. N.	"	Pleasantville		1882, 83, 84, 85	
1094	Lewis, Archie J.	"	Red Oak		1882, 83, 84, 85	
1120	Littleton, Clarence A.	"	Chariton		1882, 83, —, —	Now in Denver.
1158	Lander, Chas. J.	"	Marshalltown		1882, 83, 84, 85	
1207	Ladd, Samuel H.	"	Sheldon		—, —, —, —	Forfeited.
1210	Lawrence, Wm. R.	"	Sibley		1882, 83, 84, 85	
1236	LeRoy, Henry C.	"	Stuart		1882, 83, 84, 85	
1237	LeRoy, Minnie	"	Stuart		—, —, —, —	Retired; forfeited.
1243	Lasche, Otto F.	"	Sioux City		—, —, —, —	Forfeited.
1255	Ludden, Clarence P.	"	Tipton	Angus	1882, 83, 84, 85	
1275	Leland, Wm. L.	"	Vail	Calliope	1882, 83, 84, 85	
1306	Lee, Frank A.	"	Waverley		—, —, —, —	Superseded by 1978.
1320	Lindley, Bayard B.	"	Winfield		1882, 83, 84, 85	



ABSTRACT—CONTINUED.

Number of certificate.	NAMES.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
1366	Lang, James A.	Without examin.	Wadena.		—, —, —	Retired. Forfeited.
1368	LaForce, D. A.	"	Agency City.		1882, 83, 84, 85	
1381	Lonsdale, James	"	Dale City.	Glendon.	1882, 83, —	Forfeited.
1386	Louks, R. H.	"	Danbury.		1882, 83, 84, 85	
1423	Lamoreux, R. H.	"	Sac City.		1882, 83, 84, 85	
1473	Lewis, Edward H.	"	Sioux City.		1882, 83, 84, 85	
1508	Lewis, M. B.	"	Dow City.		—, —, —	Out of bus. Forft'd.
1564	Lewis, C. H.	"	Des Moines.		—, —, —	Superseded by 2012.
1589	Leonard, Ralph.	"	Eagle City.		—, —, —	Left town. Forft'd.
1649	Lester, G. B.	"	Hillsboro.		1882, —, —	Forfeited.
1655	Longwell, Jesse.	"	Kalona.		1882, 83, 84, 85	
1701	Langheim, J. M.	By examination.	Davenport.	Charlotte.	1882, 83, 84, 85	
1706	Lundy, W. L.	"	Coin.	Clarinda.	1882, 83, 84, 85	
1713	Loper, John C.	Without examin.	Des Moines.		1882, 83, 84, 85	
1742	Legg, E. B.	"	Miles.	Clinton.	1882, 83, 84, 85	
1746	Lantz, Henry.	"	Colo.		1882, —, —	Forfeited.
1792	Lapenotiere, E. M.	By examination.	Grand Junction.		1882, 83, 84, 85	
1822	Loar, David W.	Without examin.	Monroe.		—, —, 84, 85	
1891	Lund, Gustav.	By examination.	Davenport.		1882, 83, —	Out of State.
1899	Lovejoy, D. S.	"	Lawler.		1882, 83, —	Out of business
1931	Lillie, C. W.	"	Davis City.		1882, —, —	Removed to Idaho.
1954	Lowry, J. J.	Without examin.	Cresco		1882, 83, 84, 85	
1963	Lee, Francis.	"	Clinton.		1882, 83, 84, 85	
1975	Lass, D. G.	"	Marble Rock.		—, —, —	Superseded by 2218.
1978	Lee, Frank A.	By examination.	Waverly.	Des Moines.	1882, 83, 84, —	Out of business.
2005	Lauterman, G. C.	"	Cedar Rapids.		1882, 83, 84, 85	
2010	Loper, James H.	"	Des Moines.		1882, 83, 84, 85	
2012	Lewis, Charles H.	"	Des Moines.		1882, 83, 84, 85	
2034	Lord, R. T. C.	Without examin.	Des Moines.		1882, 83, —	Forfeited.

2053	Latter, Alexander	By examination.	Iowa Falls.	Newell.	1882, 83, 84, 85	
2055	Law, William J.	"	Muscatine.		1882, 83, 84, 85	
2074	Lane, Lewis L.	"	Muscatine.		1882, 83, 84, 85	
2102	Lee, A. J.	"	Waverly.	Des Moines.	1882, 83, —	Out of business.
2130	Layton, H. R.	"	Leon.		1882, 83, 84, 85	
2154	Lewis, W. C.	"	Clermont.		1882, 83, 84, 85	
2161	Lax, Frederick.	"	Colo.		1882, 83, 84, 85	
2184	Lyberg, C. A. Edward	Graduate.	Fort Madison.	Burlington.	1882, 83, 84, 85	
2209	Lawrence, L. C.	By examination.	Braddyville.		1882, 83, 84, 85	
2210	Leuse, R. W.	"	Mapleton.		—, —, —	Left the town.
2218	Lass, D. G.	"	Webster City.	Audubon.	1882, 83, 84, 85	
2260	Lenon, P. H.	"	Guthrie Center.		—, —, —	Out of business.
2348	Leonard, Asa	"	Waverly.		1882, 83, 84, —	Gone to Omaha.
2354	Lindley, E. M.	"	Thornburg.		1882, —, —	Left the town.
2303	Leach, M. V.	"	Promise City.		1882, 83, 84, —	Out of business.
2316	Lynch, L. J.	"	Villisca.		1882, 83, 84, 85	
2391	Little, M. A.	"	Casey.	Estherville.	1883, 84, 85	
2430	Little, C. B.	"	Anita.		—, —, —	Out of business.
2460	La Grange, Theodore	"	Marion.	Rheinbeck.	1883, 84, 85	
2475	Losee, A. B.	"	Lake City.		1883, 84, 85	
2477	Loyd, Josiah C.	"	Wirt.		1883, —, —	In Dakota.
2507	Law, William	"	Liberty Center.		1883, 84, 85	
2510	Lyman, I. C. W.	"	Fort Madison.		1883, —, —	In Missouri.
2530	Laney, W. J.	"	Decatur.		—, —, —	Out of business.
2532	Loose, D. N.	"	Maquoketa.		1883, 84, 85	
2536	Leason, J. A.	"	Moingona.		—, —, —	Delinquent 3 years.
2558	Long, J. W.	"	Centerville.		1883, —, —	Delinquent 2 years.
2555	Leech, Louis J.	"	West Branch.		1883, 84, 85	
2576	Lyon, John H.	"	Moingona.	Moingona.	1883, 84, 85	
2612	Leech, John W.	"	New Market.		—, —, —	Delinquent 2 years.
2625	Lovejoy, Walter	"	Rippey.		1884, 85	
2641	Lawrence, Edward	"	Osceola.		1884, 85	
2672	Larkin, E. J.	"	Emmetsburg.		1884, —	Delinquent one year.
2676	Landon, O. M.	"	Lawler.		1884, 85	
2678	Long, J. M.	"	Primghar.		1884, 85	
2757	Louis, Henry.	"	Iowa City.		1885	
2769	Lowry, George W.	"	Cedar Falls.		1885	
2776	Lamberson, W. B.	"	Columbus Junction.		1885	



ABSTRACT—CONTINUED.

Number of certificate.	NAMES.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
2786	Lerchen, Herman	Graduate	Davenport		1885	
2797	Lacy, George	By examination	Luverne		1885	
2821	Legel, Jno. G.	"	Charles City		1885	
2858	Lande, Amos A.	"	Sheldahl	Northwood		
2871	Lewis, Roland	"	Nevada			
2901	Lawrence, Harry	"	Osceola			
2906	Lenocker, A. A.	"	Des Moines			
42	Mills, Milton F.	Without examin.	Des Moines		—, —, —	Left town; forfeited.
54	McCullough, C. H.	"	Abingdon		1882, 83, 84, ..	Dead.
67	Moorhead, J.	"	Ely		1882, 83, 84, 85	
44	McKay, B. A.	"	Neola	Missouri Valley	1882, 83, 84, 85	
69	McKinnis, Chas	"	Ioka	Ollie	1882, 83, 84, 85	
70	Merritt, S. J.	"	Battle Creek		1882, 83, 84, 85	
81	Morgan, D. C.	"	Exline	Centerville	1882, 83, 84, —	
82	McCandless, A. B.	"	Columbus City		1882, 83, 84, 85	
83	McCandless, Harry A.	"	Columbus City	Walker	1882, 83, 84, 85	
96	McKiterick, S. C.	"	Randolph		1882, 83, 84, 85	
110	Mallory, E. H.	"	Harvey's Mills	Linden	1882, 83, —	Delinquent 2 years.
120	Miller, H. D.	"	Grand Mound		1882, 83, 84, 85	
134	McClure, T. G.	"	Doud's Station		1882, 83, 84, —	Delinquent one year.
147	Moore, John B.	"	Emerson		1883, 83, 84, 85	
151	McCohn, J. T.	"	Holt			Superseded by 2318.
161	Mitchell, W. H.	"	Belmond		1882, 83, 84, 85	
169	Mullan, M. F.	"	Pomeroy		1882, 83, 84, 85	
171	Muchmore, B P	"	Brandon			Dead.
176	McGuire, J. G.	"	Anamosa		1882, 83, 84, 85	
181	Marsh, Leonard	"	Irving		1882, 83, 84, 85	
188	McKenzie, H. M.	"	Elwood		1882, 83, 84, 85	

189	McKenzie, Emma M.	Without examin.	Elwood		1882, 83, 84, 85	
196	McBride, Israel	"	Webster		1882, 83, 84, 85	
234	Moore, John	"	Drakeville		1882, —, —, —	Left town. Forft'd.
243	Miller, J. M.	"	Albia		1882, 83, 84, —	Sold out.
258	Melcher, Christian A.	"	Griswold	Atlantic	1882, 83, 84, 85	
270	Moncrief, Chas. S.	"	Atlantic			Superseded by 1917.
271	Moncrief, Alex S.	"	Atlantic		—, —, —, —	Sold out. Forfeited.
274	Mansfield, F. M.	"	Shell Rock		—, —, —, —	Forfeited.
278	Morrison, J. C.	"	Albia		1882, 83, 84, 85	
279	Morrison, Ella A.	"	Albia		1882, 83, 84, 85	
282	Major, E. E.	"	Anita		1882, 83, 84, 85	
283	Montgomery, G. S.	"	Atlantic		1882, 83, 84, 85	
285	Mitchell, John H.	"	Bloomfield		1882, 83, 84, 85	
286	Mitchell, Thomas G.	"	Bloomfield		1882, 83, 84, 85	
287	Mitchell, William S.	"	Bloomfield		1882, 83, 84, 85	
296	Magoon, D. E.	"	Belle Plaine			Dead.
300	McAchrn, W. H.	"	Bloomfield		1882, 83, 84, 85	
350	McKune, A. B.	"	Council Bluffs		1882, 83, ..	Dead.
363	Majer, Oscar	"	Clinton		1882, 83, 84, 85	
365	McCreary, Wm. M.	"	Centerville		1882, 83, 84, 85	
366	Murphy, B. F.	"	Chariton		—, —, —, —	Forfeited.
367	Maulsby, Ellis P.	"	Casey		1882, 83, 84, 85	
368	Milligan, John W.	"	Corning		—, —, —, —	Forfeited.
369	McIrvin, Wm. C.	"	Clarinda		1882, —, —, —	Forfeited.
371	Myers, B. F.	"	Charlotte		—, —, —, —	Retired. Forfeited.
372	Morgan, Frank L.	"	Cedar Falls		1882, 83, —, —	Out of business.
417	Mitchell, Wm. F.	"	Des Moines		1882, 83, 84, 85	
423	Moffitt, Benj. F.	"	Dubuque		—, —, —, —	Forfeited.
434	Mickley, E. G. F.	"	Davenport			Superseded by 2598.
448	Moss, Frank J.	"	Davenport		1882, 83, 84, 85	
461	Manning, A. L.	"	Dunlap		1882, 83, —, —	Sold out. Forfeited.
472	Mason, Jas. B.	"	Davenport		1882, 83, 84, —	Sold out.
483	Manrid, Romanus	"	Dysart		1882, 83, 84, 85	
523	McLaughlin, J. B.	"	Delmar		—, —, —, —	Forfeited.
535	Meisner, Amilius	"	Davenport		1882, 83, 84, 85	
540	Mills, John M.	"	Des Moines		—, —, —, —	Left town. Forft'd.
542	Mifflin, Charles W	"	Cedar Rapids		—, —, —, —	Forfeited.
558	McManus, James N.	"	Eddyville		1882, .., ..	Dead.
559	McManus, Dinah W.	"	Eddyville		1882, —, —, —	Forfeited.



ABSTRACT—CONTINUED.

Number of certificate.	NAMES.	How regis-tered.	Place of reg-istration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
578	Morden, W. C.	Without examin.	Fulton		1882, 83, 84, 85	
580	McConnell, F. A.	"	Ft. Dodge		1882, —, —, —	Forfeited.
590	Morgan, B. W.	"	Ft. Dodge	Des Moines.	1882, 83, —, —	Forfeited.
591	Morgan, Isaac G.	"	Ft. Dodge		1882, 83, —, —	Forfeited.
604	McCullough, M. J.	"	Menlo		1882, 83, 84, 85	
605	McClusky, M. H.	"	Glenwood		1882, 83, 84, 85	
638	Mann, James.	"	Hamburg		1882, 83, 84, 85	
672	More, Charles W.	"	Janesville		1882, 83, 84, 85	
695	McGrath, Thomas J.	"	Keokuk		1882, 83, 84, 85	
699	McFarlane, Daniel	"	Keota		1882, 83, 84, 85	
701	McConaughy, S. D.	"	Keota		—, —, —, —	Forfeited.
702	Morton, John N.	"	Keosauqua		1882, 83, 84, 85	
703	McBeth, William	"	Keosauqua		1882, 83, 84, 85	
709	Moir, Alexander.	"	Britt		1882, 83, 84, 85	
715	Montgomery, J. H.	"	Decorah		1882, 83, 84, 85	
716	Montgomery, M. H.	"	Decorah		1882, 83, 84, 85	
742	McVay, Josiah D.	"	Lake City.		1882, 83, 84, —	Delinquent 1 year.
753	Markley, George H.	"	Lansing		1882, 83, 84, 85	
761	Manz, C. S. L.	"	Lyons		1882, —, —, —	Superseded by 2375.
766	McKeever, M. B.	"	Prairie City.		1882, 83, 84, 85	
802	McNay, J. S.	"	Greenfield		—, —, —, —	Forfeited.
803	Morrow, J. B.	"	Greenfield		—, —, —, —	Forfeited.
804	Mountain, N. W.	"	Lettsville.		1882, —, —, —	Sold out, forfeited.
809	McGirr, Carrie J.	"	Osceola.		1882, —, —, —	Forfeited.
813	McEacham, John.	"	Marne		1882, 83, 84, 85	
828	Marsh, William A.	"	Mt. Pleasant		1882, 83, 84, 85	
829	Marsh, Charles F.	"	Mt. Pleasant		1882, —, —, —	Forfeited.
880	Marsh, W. S.	"	Mt. Pleasant		1882, 83, 84, 85	
840	Miller, George.	"	McGregor		1882, —, 84, —	Delinquent 1 year.

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856	Miller, C. E.	Without examin.	Montezuma	Grinnell	1882, 83, 84, 85	
864	Manderville, F. L.	"	Missouri Valley		1882, 83, —, —	Dead.
866	Myers, Joseph V.	"	Mt. Vernon.		—, —, —, —	Superseded by 2365.
901	Munger, Joseph P.	"	Malvern		1882, 83, 84, 85	
905	Martin, G. S.	"	Maquoketa		1882, 83, 84, 85	
915	Mallory, Dwight	"	Boonsboro.		1882, 83, 84, 85	
916	Mallory, Adela	"	Boonsboro.		1882, 83, 84, 85	
922	Moerschel, Wm	"	Amana		1882, 83, 84, 85	
939	Morrison, O. J.	"	Nashua.		1882, 83, 84, 85	
941	McMullan, F. A.	"	New Hampton		1882, —, —, —	Dead.
964	Maxwell, Jno. H.	"	Davenport.		1882, 83, 84, 85	
981	Miles, A. H.	"	Des Moines.		1882, 83, 84, 85	
1011	Mills, C. J.	"	Ossian		1882, 83, 84, —	Delinquent 1 year.
998	Mulford, C. E.	"	Ottumwa		1882, 83, 84, 85	
1036	Morgan, J. W.	"	Oskaloosa		1882, 83, 84, 85	
1040	Mays, Will S.	"	Oskaloosa		1882, 83, 84, 85	
1050	McNabb, Thos. J.	"	Panora		—, —, —, —	Left town, forfeited.
1053	Mealey, D. H.	"	Pleasant Plain.		1882, 83, 84, 85	
1073	Murray, Thos.	"	Plymouth		1882, —, —, —	Forfeited.
1075	Marietta, J. C.	"	Palmyra		1882, 83, 84, 85	
1099	Miller, Edson C.	"	Rockwell		—, —, —, —	Forfeited.
1106	Maxwell, W. J.	"	Ainsworth	Avoca.	1882, 83, 84, 85	
1122	Miles, Henry F.	"	Charles City		1882, 83, 84, 85	
1124	Miles, Wilber F.	"	Charles City		1882, 83, 84, 85	
1140	McDermid, Peter.	"	Fontanelle		1882, 83, 84, 85	
1169	Myers, Snowdon	"	New Sharon		—, —, —, —	Forfeited.
1191	Miller, F. E.	"	Shenandoah		1882, 83, —, —	Sold out.
1192	Mather, Wm	"	Springdale.		1882, 83, 84, 85	
1193	Mather, Chas. E.	"	Springdale.		1882, 83, 84, 85	
1212	Morrison, J. W.	"	Spencer.		—, —, —, —	Topeka, Kan., forf'd
1214	Moore, Wm. G.	"	Silver City		1882, 83, 84, 85	
1218	Morton, J. B.	"	Minden		1882, 83, 84, 85	
1244	Machesney, Wm. T.	"	Salina	Bagley	1882, 83, 84, 85	
1274	McAhren, Wm. J.	"	Vail	Denison	1882, 83, 84, 85	
1290	Mountain, H.	"	West Liberty.	Pacific Junct'n.	1882, 83, 84, 85	
1298	Mathews, F. M.	"	Winfield.		—, —, —, —	Removed, forfeited.
1335	Meyer, Henry.	"	Waterloo.		1882, 83, 84, —	Delinquent 1 year.
1350	Miller, C. D.	"	West Side		—, —, —, —	Forfeited.
1352	Miller, A. H.	"	Webster City		1882, 83, 84, 85	

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ABSTRACT—CONTINUED.

Number of certificate.	NAMES.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
1353	McGrew, J. B.	Without examin.	Wyoming.	Spencer.	1882, 83, 84, 85	
1277	McDermid, Sr., D.	"	Victor.	"	1882, 83, 84, 85	
1278	McDermid, Jr., D.	"	Victor.	"		Superseded by 2235.
1371	Merril, Chas. H.	"	Burlington.	"	1882, 83, 84, 85	
1394	Meservey, S. T.	"	Fort Dodge.	"	1882, 83, 84, —	Delinquent 1 year.
1395	McColm, Louis F.	"	Holt.	Gravity.	1882, 83, 84, 85	
1401	Myers, Jacob W.	"	Le Mars.	"	1882, 83, 84, —	Delinquent 1 year.
1409	McBride, Wm. S.	"	Marshalltown.	"	1882, 83, 84, 85	
1411	Merrell, W. F.	"	Manchester.	"	1882, 83, 84, 85	
1431	Maurer, August.	"	Garnavillo.	"	—, —, —, —	Forfeited.
1434	McCandless, A. W.	"	Columbus City.	"	—, —, —, —	Forfeited.
1443	McCandless, C. R.	"	Columbus City.	"	1882, 83, 84, 85	
1464	Miller, Wm. L.	"	Lacona.	Chariton.	1882, 83, 84, —	Delinquent 1 year.
1477	Martyn, H. P. A.	"	Newell.	"	1882, 83, 84, 85	
1484	McColm, Wm. G.	"	East Nodaway.	"	1882, 83, —, —	Gone to Missouri.
1485	McColm, Cyrus B.	"	East Nodaway.	"	1882, 83, —, —	Superseded by 2409.
1494	Martin, Z. L.	"	Idaho.	Hubbard.	1882, 83, 84, 85	
1501	McCarger, A. T.	"	Spencer.	"	—, —, —, —	Retired; forfeited.
1506	Moon, Milton J.	"	Iowa City.	"	1882, 83, 84, 85	
1507	Moon, A. R.	"	Iowa City.	"	1882, 83, 84, 85	
1527	Morrison, Wm. A.	"	Iowa City.	"	1882, 83, 84, 85	
1543	Moore, Oscar F.	"	Des Moines.	"	1882, 83, 84, 85	
1544	Moore, S. B.	"	Des Moines.	"	—, —, —, —	Dead.
1550	Mechener, M. W.	"	Andrew.	Sabula.	1882, 83, 84, 85	
1561	McVay, J. H.	"	Attica.	"	1882, 83, 84, 85	
1587	Muhs, Peter.	"	Camanche.	"	1882, —, —, —	Forfeited.
1605	Moxley, A. D.	"	Kellogg.	"	—, —, —, —	Forfeited.
1661	Mallory, D. M.	"	Rippey.	Linden.	1882, 83, —, 85	
1672	McEwen, Chas. A.	By examination.	Independence.	"	1882, 83, 84, 85	

1680	Merritt, Fred D.	By examination.	West Union.	"	1882, 83, —, —	Delinquent 2 years.
1690	Mendenhall, H.	"	Bloomfield.	"	1882, 83, 84, 5	
1711	McCullough, W. A.	"	Mediapolis.	Osceola.	1882, 83, —, —	Delinquent 2 years.
1754	Miles, Isaac N.	Without examin.	West Branch.	"	—, —, —, —	Forfeited.
1768	Maxwell, Geo. M.	"	Cambridge.	"	1882, —, —, —	Forfeited.
1776	Miller, John K.	"	Spragueville.	"	1882, 83, —, —	Dead.
1793	Malcham, Joseph.	By examination.	Riverton.	"	1882, 83, —, —	Delinquent 2 years.
1799	McCrea, Henry H.	"	Albia.	"	1883, 83, 84, 85	
1804	Morey, James P.	"	Storm Lake.	"	1882, 83, 84, 85	
1815	Manwell, Lucius.	Without examin.	Menlo.	"	1882, 83, —, —	Out of business.
1833	McKeehan, F. H.	"	Davis City.	"	—, —, —, —	Forfeited.
1837	Milliken, Schuyler C.	"	Stiles.	Bedford.	1882, —, —, —	Forfeited.
1841	Marolf, J. F.	"	Wilton.	"	1882, 83, 84, 85	
1860	McMahan, J. C.	By examination.	Council Bluffs.	"	—, —, —, —	Dead.
1878	McDonald, J. W.	"	Morning Sun.	Independence.	1882, 83, 84, 85	
1887	McElhenny, J. W.	"	Marion.	"	—, —, —, —	Delinquent 4 years.
1917	Moncrief, Chas. S.	"	Atlantic.	"	1883, —, —, —	Delinquent 2 years.
1920	Miller, Harry S.	"	Vinton.	Newton.	1882, 83, —, —	Delinquent 2 years.
1946	Maish, Geo. H.	Without examin.	Des Moines.	"	1882, 83, 84, —	Out of business.
1968	Macy, E. C.	"	Pleasanton (Harding).	"	1882, 83, 84, 85	
1976	Moody, W. J.	"	Horton.	"	—, —, —, —	Forfeited.
1977	Moore, Geo. R.	By examination.	Garfield.	"	1882, 83, 84, 85	
1988	Meacham, J. E.	"	Clarinda.	"	1882, 83, 84, 85	
2006	Miller, John S.	"	Clinton.	"	—, —, —, —	Delinquent 4 years.
2017	Middleton, C. H.	Without examin.	Bentonsport.	Bonaparte.	1882, 83, 84, 85	
2030	McConaughy, Wm. D.	"	Monroe.	Reasnor.	1882, 83, 84, 85	
2040	Morgan, Wm. D.	"	Chillicothe.	"	1882, 83, 84, —	Delinquent 1 year.
2045	Miller, Wm. L.	"	Norwalk.	"	1882, 83, 84, 85	
2059	Molesworth, J.	By examination.	Norwood.	"	1882, 83, 84, 85	In Kansas.
2060	Masters, Stephen H.	"	Marne.	Ashton.	1882, 83, 84, 85	
2078	Myers, J. R.	"	Iowa Center.	"	1882, —, —, —	Out of business.
2080	Merritt, W. H.	"	Hartford.	Pleasantville.	1882, 83, 84, 85	
2099	McCauley, O. G.	"	Rowley.	"	1882, 83, 84, 85	
2101	Marvin, H.	"	Sioux City.	"	—, —, —, —	Out of business.
2123	Martin, M. T.	"	Woodburn.	"	1882, 83, 84, 85	
2135	McLain, George H.	"	Vail.	"	1882, 83, 84, 85	
2139	Michel, B.	"	Dubuque.	"	1882, 83, 84, 85	
2148	Mitchell, A. J.	"	Macedonia.	Wheeler's Grove.	1882, 83, 84, 85	
2143	McElwain, R. H.	"	Clarksville.	Hartley.	1882, —, —, —	In Nebraska.



Number of certificates.	NAMES.	How regis-tered.	Place of reg-istration.	Last reported address.	CERTIFICATE RENEWED FOR	REMARKS.
2149	Maxwell, J. P.	By examination.	Westerville.		1882, 83, —, —	Delinquent 2 years.
2160	Mentor, Marc.	"	Newell	Cedar Rapids.	1882, 83, 84, 85	
2162	McGonigle, W. A.	"	Monona		1882, 83, 84, 85	
2178	Morse, W. E. H.	"	Stuart.		1882, 83, —, —	Delinquent 2 year.
2181	McClung, M. P.	"	Council Bluffs.		1882, 83, 84, 85	
2188	Millard, Charles.	"	Nashua.		1882, —, —, —	Delinquent 3 year.
2190	Mather, J. W.	"	Davis City.		1882, 83, 84, 85	
2193	McCoy, Hugh.	"	Seymour		1882, 83, 84, 85	
2225	Martin, Rosa K.	"	Marshalltown		1882, 83, 84, 85	Mar'd name, Upson.
2235	McDermid, Jr., D.	"	Victor		1882, 83, 84, 85	
2258	McKay, W. T.	"	New Virginia.	Runnells	1882, 83, 84, —	Delinquent 1 year.
2269	Mitchell, Enos.	"	Weldon		1882, 83, 84, 85	Out of business.
2284	Marshall, A. J.	"	Shelby	Elliott.	1882, 83, 84, 85	
2364	Martin, A. M.	"	Red Oak.			Dead.
2318	McColm, J. T.	"	Gravity		1882, 83, 84, 85	
2320	Morris, J. C.	"	Bayard	Scranton.	1882, 83, —, —	Delinquent 2 years.
2365	Myers, Joseph V.	"	Mt. Vernon.		1882, 83, 84, 85	
2369	Milligan, J. W.	"	Swede Point.	Alta	1882, 83, 84, —	Delinquent 1 year.
2375	Manz, Constanz	Graduate.....	Lyons		1883, 84, 85	
2395	McClees, C. H.	By examination..	Marne		1883, 84, 85	
2406	Moffett, H. P.	"	Emmetsburg		1883, 84, 85	
2409	McColm, C. B.	"	Hepburn		1883, 84, 85	
2416	Mayer, Charles T.	"	Greenfield		1883, —, —, —	Left the State.
2440	McDill, D. B.	"	Burlington		1883, —, —, —	Delinquent 2 years.
2458	McMeehan, John.	"	Boone		1883, 84, 85	
2476	McClintock, J. M.	"	Monroe		1883, 84, 85	
2494	McAlister, Wm.	"	Cedar Rapids.		1883, 84, —	Delinquent one year.
2499	Maynard, Wm. H.	"	Maquoketa		1883, 84, 85	
2501	McMillan, T. C.	"	Coon Rapids.		1883, 84, 85	

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2516	Mac Nab, Alex.	By examination.	Rock Rapids	Sigourney	1883, 84, 85	
2517	Mitchell, Andrew F.	"	Keota		1883, 84, 85	
2519	Morey, Herbert.	"	Alta		1883, 84, 85	
2539	McDonald, R. C.	"	Spencer.		1883, 84, —	Delinquent 1 year.
2551	Murdy, W. F. S.	"	Moulton		1883, —, —, —	Delinquent 2 years.
2552	McCartney, J. F.	"	Valisca.		1883, 84, 85	
2561	McBride, H. E.	"	Ames.	Des Moines.	1883, 84, 85	
2569	Montross, Geo. D.	"	Sloan		1883, 84, 85	
2571	MacFarlane, Thos.	"	Mondamin.		1883, 84, 85	
2578	McBride, C. M.	"	Rock Valley.		1883, 84, 85	
2583	Monnett, H. V.	"	Orient		1883, 84, 85	
2586	Morse, Robt. C.	"	Sabula	Clinton	1883, 84, 85	
2598	Miekley, E. G. F.	Graduate.....	Atlantic		—, —, —, —	Forfeited.
2600	Mighell, N. E.	By examination..	Whitten		1884, 85	
2601	Mawby, Harry	"	Keokuk		1884, 85	
2602	Marshall, L. K.	"	Burlington		1884, —	Delinquent 1 year.
2608	Moorehead, S. W.	"	Eagle Grove.		1884, 85	
2611	Mayer, Peter.	"	Marshalltown		1884, 85	
2620	Mace, Amy T.	"	Chariton		1884, —	Delinquent 1 year.
2635	Millholland, Jno.	"	Winterset		1884, —	Delinquent 1 year.
2663	Millar, W. S.	"	Brush Creek.		1884, ..	Dead.
2671	Mygatt, A. S.	"	Rutland		1884, 85	
2680	Marotz, F. W.	"	Sergeant's Bluffs		1884, 85	
2681	Mathews, O. W.	"	Delta		1884, 85	
2714	Moffett, Thos. M.	"	Grundy Center		1884, 85	
2717	Mateer, Jno. D.	"	Cedar Rapids.		1884, 85	
2728	Morse, Clifton S.	"	Creston.		1884, 85	
2749	McGrath, John.	"	St. Anthony.		1885	
2751	Mornin, George S.	"	Cedar Falls.		1885	
2778	McMillan, E. C.	"	Coon Rapids.		1885	
2779	Myers, S. C.	"	Schaller	Rossville	1885	
2784	Moser, Louis	"	Walnut.		1885	
2801	Morgan, C. C.	"	Stuart		1885	Now in Kansas.
2808	Maynard, J. D.	"	Janesville	Decorah	1885	
2808	Mann, A. W.	"	Orange City		1885	
330	McLennan, James.	Without examin.	Clarence.	Stanwood.	1882, 83, 84, 85	
1893	McStewart, Chas.	By examination..	Centerville	Mason City.	1882, 83, 84, 85	
2826	Masterson, J. B.	"	Albion		1885	
2842	Mack, George J.	"	Waterloo		1885	



ABSTRACT—CONTINUED.

Number of certificate.	NAME.	How registered.	Place of registration.	Last reported address	CERTIFICATE RENEWED FOR.	REMARKS.
2853	Mower, M. P.	By examination.	Angus			
2874	Morgan, Dell G.	"	Council Bluffs			
2885	Morgan, Benning A.	"	Marshalltown			
2892	Miller, T. L.	"	South English			
11	Nerby, Levi B.	Without examin.	Lake Mills		1882, 83, 84, 85	
29	Northey, Silas	"	Conesville		1882, 83, —, —	Delinquent 2 years.
45	Niensteadt, Herman	"	Dubuque	Sioux City	1882, 83, 84, 85	
50	Nesper, Fred. T.	"	Muscatine		1882, 83, 84, 85	
62	Nunnally, L. B.	"	Hartford		1882, 83, 84, 85	
128	Newell, W. M.	"	Melrose		1882, 83, 84, 85	
229	Nichols, Cornelius	"	Essex		1882, 83, 84, 85	
247	Nichols, Wm. M.	"	Atlantic		1882, 83, 84, 85	
268	Nichols, H. V.	"	Allerton		1882, 83, 84, 85	Superseded 2254.
272	Nichols, J.	"	Atlantic		1882, 83, 84, 85	
295	Nichols, Edward	"	Belle Plaine		1882, 83, 84, 85	
319	Nash, R. M.	"	Creston		—, —, —, —	Forfeited.
373	North, Henry	"	Casey		1882, 83, 84, 85	
425	Nordstrum, Gus.	"	Dayton		1882, 83, 84, 85	
471	Nolte, Henry H. J.	"	Davenport		—, —, —, —	Forfeited.
551	Nelson, Robert G.	"	Eddyville		1882, 83, 84, 85	
560	Nosler, James	"	Eddyville		—, —, —, —	Dead.
599	Nevins, John	"	Greene		1882, 83, 84, 85	
645	Nickson, E. D.	"	Humboldt		1882, 83, 84, 85	
688	Norcross, David L.	"	Keota		1882, 83, 84, 85	
714	Nadler, Frank	Graduate	Davenport		—, —, —, —	Forfeited.
722	Norton, H. M.	Without examin.	Kent		1882, 83, 84, 85	
819	Norman, Chas.	"	Muscatine		1882, 83, 84, 85	
854	Nott, Benj. H.	"	Marion		1882, 83, 84, 85	

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1112	Niehaus, E. W.	Without examin.	Burlington		1882, 83, 84, 85	
1324	Neff John D.	"	West Union		—, —, —, —	Forfeited.
1325	Neff, Chas. G.	"	West Union	West Union	1882, 83, 84, —	Delinquent 1 year.
1404	Newton, Martin L.	"	La Porte City		—, —, —, —	Forfeited.
1428	Nase, Frank P.	"	Grundy Center		—, —, —, —	Dead.
1453	Norris, T. O.	"	Troy		1882, 83, 84, 85	
1472	Nash, A. F.	"	Sioux City		1882, 88, 84, 85	
1556	Nesmith, M. W.	"	Waukon		1882, 83, —, —	Sold out.
1563	Nachtwey, Theo.	"	Lansing		1882, 83, 84, —	Superseded by 2734.
1717	Nowlan, David	"	Reasoner	Havelock	1882, 83, 84, 85	
1772	Nichols, Wm. E.	"	Wyoming	Sheffield	1882, 83, 84, 85	
1994	Newman, M. M.	By examination.	Edgewood		1882, 83, 84, 85	
2164	Nicaise, Gustav	"	Burlington		1882, 83, 84, 85	
2191	Nauerth, J. H.	"	Tama City	Traer	1882, 83, 84, 85	
2254	Nichols, H. V.	"	Allerton		1882, —, —, —	In Trenton, Mo.
2273	Nicol, Ira I.	"	Lacona	Woodburn	1882, 83, 84, 85	
2368	Niemann, Theo.	"	Maquoketa		1882, 83, 84, 85	
2452	Nicol, J. H.	"	Lacona		1883, 84, 85	
2462	Newman, E. P.	"	Clarion	Clarion	1883, 84, 85	
2492	Newell, Wm. M.	"	Des Moines		1883, —, —	Out of business.
2556	Nitzsche, J. C.	"	Dubuque	Dubuque	1883, 84, 85	
2660	Noel, O. A.	"	Osceola		1884, 85	
2684	Neubert, C. F.	"	Irwin	Wall Lake	1884, —	Delinquent 1 year.
2689	Nelson, Harry	"	Keokuk		1884, —	Delinquent 1 year.
2734	Nachtway, Theo.	Graduate	Lansing		1885	
2761	Nugent, Ed. D.	By examination.	Oskaloosa		1885	
2781	Norton, G. A.	"	Rockwell		1885	
2806	Nichols, Sharon	"	Kalo		—	Out of business.
2818	Newell, Sharon C.	"	Hedrick		1885	
116	Ong, F. M.	Without examin.	Wapello		1882, 83, 84, 85	
248	Ottens, J. H.	"	Andrew		1882, 83, 84, 85	
374	Olney, Arthur R.	"	Clinton		1882, 83, 84, 85	
420	Oeder, Frederick	"	Des Moines		1882, 83, 84, 85	
490	Olds, Gamaliel W.	"	Lone Tree		—, —, —, —	Forfeited.
581	Oleson, Martin	"	Fort Dodge	Dayton	1882, 83, —, —	Delinquent 2 years.
585	Oleson, Olaf M.	Graduate	Fort Dodge		—, —, —, —	Superseded by 1939.
681	O'Connor, Felix H.	Without examin.	Keokuk		1882, 83, 84, —	Dead.
758	Ockerman, Daniel R.	"	Lineville		1882, 83, 84, —	Delinquent 1 year.

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ABSTRACT—CONTINUED.

Number of certificate.	NAMES.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
861	Orcutt, Geo. B	Without examin.	Maquoketa		1882, 83, 84, 85	
951	Olmstead, Earl N	"	New Hampton		1882, 83, 84, 85	
962	Owens, J. B	"	Bedford		1882, 83, 84, —	Delinquent 1 year.
971	O'Connor, J. C	"	Melrose		1882, 83, 84, 85	
1081	Ott, Daniel W	"	Riverside		—, —, —, —	Superseded by 2266.
1118	Ormiston, J. S	"	Chelsea		1882, 83, 84, 85	
1123	Oehl, John E	"	Charles City		—, —, —, —	Forfeited.
1148	Odiorne, E. M	"	Indianola		1882, 83, —, —	Forfeited.
1162	Owen, Luther	"	Marion		1882, 83, 84, 85	
1264	Otis, Clarence M	"	Tabor		1882, 83, 84, 85	
1276	Orris, Wm. W	"	Victor		—, —, —, —	Forfeited.
1373	Obermann, Adolph	"	Burlington		—, —, —, —	Forfeited.
1462	Osborn, Benj. F	"	Rippey		1882, 83, 84, 85	
1465	Olive, Richard	"	Scranton		1882, 83, 84, 85	
1466	Olive, Edwin A	"	Scranton		—, —, —, —	Superseded by 2291.
1471	Opperman, Henry	"	Jesup		1882, 83, 84, 85	
1523	Otrondousky, Jos	"	Iowa City	Tama City	1882, 83, —, —	Forfeited.
1674	Olds, Benj. R	By examination.	Cherokee	Aurelia	1882, 83, 84, 85	
1727	Osier, J. W	Without examin.	Greene		1882, 83, 84, 85	
1939	Oleson, Olaf M	By examination.	Ft. Dodge		1882, 83, 84, 85	
1980	Owen, N. Eugene	"	Oskaloosa	Lathrop	1882, 83, 84, 85	
2112	Oren, Samuel A	Without examin.	Mt. Auburn		1882, 83, 84, 85	
2233	Oldridge, W. V	By examination.	Farley		1882, 83, 84, 85	
2266	Ott, Daniel W	"	Riverside		1882, 83, 84, 85	
2291	Olive, Edwin A	"	Bayard	Bayard	1882, 83, 84, 85	
2295	Owens, A. P	"	Alton		1882, 83, 84, 85	
2548	Osborn, G. S	"	Riverton		1883, 84, —	Delinquent 1 year.
2648	Osborn, S. O	"	Atlantic	Osceola	1884, 85	
2856	Ochiltree, Victor B	"	Keokuk		—, —, —, —	

1	Parrott, Joseph D	Without examin.	Blanchard		1882, 83, 84, 85	
3	Plater, John B	"	Bristow		1882, 83, 84, 85	
18	Pogue, J. I	"	Wiota		1882, 83, 84, 85	
22	Perrin, Willard	"	Floyd		1882, 83, 84, 85	
80	Price, Mrs. S. E	"	Exline	Centerville	1882, 83, 84, 85	
93	Pogue, J. A	"	Lacona		1882, 83, 84, 85	
122	Peters, C. W	"	Ft. Madison		1882, 83, 84, 85	
157	Pittman, W. G	"	West Point		1882, 83, —, —	Forfeited.
212	Phillips, E. W	"	Prairieburg		—, —, —, —	Dead.
230	Parkhurst, F. G	"	Belle Plaine		—, —, —, —	Forfeited.
249	Porter, J. H	"	Adair		—, —, —, —	Forfeited.
266	Potter, Isaac L	"	Ackley		1882, 83, 84, 85	
305	Painter, J. V	"	Bloomfield		1882, 83, 84, —	Retired.
354	Parker, J. W	"	Cedar Falls		1882, 83, 84, 85	In Dakota.
375	Pool, P. V. M	"	Carpenter		1882, 83, —, —	Forfeited.
376	Pope, N. D	"	Cedar Rapids		1882, —, —, —	Sold out—forfeited.
380	Parish, Frank W	"	Clarinda		1882, 83, 84, 85	
419	Pinkerton, James H	"	Dysart		1882, 83, 84, 85	
474	Patterson, S. J	"	Dunlap		1882, —, —, —	Forfeited.
481	Parker, J. H	"	Des Moines		1882, 83, 84, 85	
487	Price, H. C	"	Cresco		1882, 83, 84, 85	
627	Pipher, John	"	Griswold		1882, 83, 84, 85	
642	Pryor, Wm. A	"	Logan	Dow City	1882, 83, 84, 85	
652	Phillips, John S	"	Independence		1882, —, —, —	Forfeited.
728	Peregrine, Charles S	"	Brooks		1882, 83, 84, 85	
749	Pocock, Joseph J	"	Le Mars	Livermore	1882, —, —, —	Forfeited.
751	Parsons, Gilmore H	"	Lovilia		1882, 83, 84, 85	
767	Pettit, Wallace W	"	Luana		—, —, —, —	Sold out—forfeited.
772	Parkhurst, F. W	"	La Dora		1882, 83, 84, —	Dead.
781	Putman, James M	"	Holland	Gladbrook	1882, 83, 84, 85	
796	Phelps, Jos. A	"	Carbon		—, —, —, —	Forfeited.
801	Pinekney, James	"	Forest City		1882, 83, 84, 85	
823	Plumb, Edwin B	"	McGregor		1882, 83, 84, 85	
826	Phillips, Walter J	"	Mt. Pleasant	Afton	1882, 83, 84, 85	
837	Pyle, Sam'l M	"	Mt. Pleasant		1882, 83, 84, 85	
838	Peterson, Sam'l J	"	McGregor		1882, 83, 84, 85	
844	Putnam, Rufus A	"	Monticello		1882, 83, 84, 85	
898	Power, Wm. G	"	Mt. Vernon		—, —, —, —	Out bus.; forfeited.
909	Parkhurst, H. H	"	Marengo	Dows	1882, 83, 84, 85	



ABSTRACT—CONTINUED.

Number of certificate.	NAMES.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
932	Parmenter, R. F.	Without examin.	Newton		1882, 83, 84, 85	
942	Phillips, Geo. F.	"	New Hampton		1882, 83, 84, 85	
983	Pfeiffer, Jr., Henry	"	Cedar Falls			Superseded by 2332.
1009	Peters, Harry C.	"	Ottumwa		1882, 83, 84, 85	
1021	Pitman, John S.	"	Ogden		1882, 83, 85, 85	
1031	Prole, Albert W.	"	Osceola		1882, 83, —, —	Delinquent 2 years.
1055	Porter, James N.	"	Prairie City		1882, 83, 84, 85	
1078	Peters, Wm. E.	"	Pleasanton		1882, 83, 84, 85	
1080	Pool, Don A.	"	Prairie City		1882, 83, 84, —	Retired; forfeited.
1098	Powell, Geo. R.	"	Red Oak		1882, —, —, —	Left town; forfeited.
1103	Payne, Miss Annie E.	"	Richland			Superseded by 2298.
1104	Pegram, Hardin	"	Red Oak Junction		—, —, —, —	Forfeited.
1107	Porter, Samuel B.	"	Afton		—, —, —, —	Forfeited.
1114	Prather, B. R.	"	Columbia		—, —, —, —	Retired; forfeited.
1155	Palmer, Almon D.	"	Maquoketa	Cedar Rapids.	1882, 83, —, —	Delinquent 2 years.
1161	Powers, Geo. P.	"	Marshalltown		1882, 83, 84, 85	
1194	Palmer, Alvira S.	"	Searsboro		—, —, —, —	Forfeited.
1203	Perry, Chas. H.	"	Sanborn		1882, 83, 84, 85	
1209	Pratt, Wm. T.	"	Solon		1882, 83, 84, —	Sold out.
1211	Painter, David	"	Spencer		1882, 83, 84, 85	
1213	Potter, Jas. M.	"	Sheffield	Woodward	1882, 83, 84, 85	
1221	Palmer, Jacob H.	"	Searsboro		1882, —, —, —	Forfeited.
1195	Pudney, Nathan A.	"	Springville		—, —, —, —	Retired; forfeited.
1204	Parks, Hinton F.	"	Storm Lake		—, —, —, —	In Ark; forfeited.
1225	Penn, Alphonso V.	"	Sidney		1882, 83, 84, 85	
1226	Parker, Wm. L.	"	Sibley		1882, 83, 84, 85	
1242	Patterson, O. A.	"	Sioux City		1882, 83, 84, 85	
1281	Palmer, Henry N.	"	Vinton		1882, 83, 84, 85	
1283	Palmer, Walter S.	"	Vinton		1882, 83, 84, —	Delinquent 1 year.

1284	Palmer, Thos. S.	Without examin.	Vinton		—, —, —, —	Retired, forfeited.
1286	Pierce, W. H.	"	Alta	Storm Lake	1882, 83, 84, 85	
1299	Pickering, Chas. E.	"	West Liberty		1882, 83, 84, 85	
1309	Pomeroy, J. C.	"	Waverly		1882, 83, 84, 85	
1317	Peterson, Jacob J.	"	Walnut		1882, 83, 84, 85	
1351	Packard, Geo. H.	"	Webster City	Webster City	1882, 82, —, —	Forfeited.
1439	Pentecost, Levi J.	"	Panora		1882, 83, 84, 85	
1469	Packard, Ira W.	"	Webster City		1882, —, —, —	Forfeited.
1479	Pride, J. M.	"	Whittemore		1882, 83, 84, 85	
1500	Palmer, Helen E.	"	Vinton		1882, —, —, —	Forfeited.
1504	Peck, Seman	"	Brooklyn		1882, 83, 84, 85	
1514	Phelps, John H.	"	Guthrie Center		1882, 83, —, —	Forfeited.
1522	Perrine, Demas	"	Welton		1882, 83, 84, 85	
1538	Price, J. W.	"	Burlington		1882, 83, 84, 85	
1588	Porter, Edwin C.	"	Dubuque		1882, 83, 84, 85	
1611	Potter, B. B.	"	La Moille		1882, 83, 84, 85	Retired.
1644	Platt, W. D.	"	South English	What Cheer	1882, 83, 84, 85	
1646	Pool, Sophia M.	"	Carpenter		1882, 83, —, —	Delinquent 2 years.
1650	Porter, Mattie A.	"	Swedesburgh		—, —, —, —	Forfeited.
1651	Porter, J. J.	"	Swedesburgh		—, —, —, —	Forfeited.
1660	Packer, F. M.	"	Earlham	Dexter	1882, 83, —, —	Delinquent 2 years.
1677	Parsons, Fayette	By examination.	Adair		1882, 83, 84, 85	
1714	Peregrine, J. S.	Without examin.	Brooks		1882, 83, 84, 85	
1739	Peabody, J. H.	"	Rippey		—, —, —, —	Dead.
1812	Penn, J. N.	"	Sidney		1882, 83, 84, 85	
1814	Perry, Ross W.	"	Boone		—, —, —, —	Left State, forfeited.
1846	Prall, D. E.	Graduate	Ottumwa		—, —, —, —	E. Saginaw, forfeit.
1847	Powell, L. E.	Without examin.	Charles City		1882, 83, 84, 85	
1848	Padden, Loven	"	Fredericksburg		—, —, —, —	Forfeited.
1868	Plitt, H. A.	By examination.	Wapello		1882, 83, 84, 85	
1877	Putnam, Mart A.	"	Marion		1882, 83, —, —	Delinquent 2 years.
1886	Pryor, W. C.	"	Essex		—, —, —, —	Delinquent 4 years.
1909	Peterson, C. Peter	"	Des Moines	Stratford	1882, 83, 84, 85	
1924	Page, E. M.	"	Spencer		1882, —, —, —	Gone to Ohio.
1957	Peterson, Jonas B.	Without examin.	Roone		1882, 83, 84, 85	
1964	Pelham, W. S.	"	Kirkville		1882, 83, 84, 85	
1974	Price, John M.	"	Buffalo Grove		1882, 83, —, —	Delinquent 2 years.
2018	Pergrin, Isaac D.	"	Bentonsport		1882, 83, 84, 85	
2026	Prather, A. W.	"	Lineville		1882, 83, —, —	Delinquent 2 years.



ABSTRACT—CONTINUED.

Number of certificate.	NAME.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
2056	Penn, J. H.	By examination.	Sidney	Sidney	1882, 83, 84, 85	
2057	Peterson, Perry H.	"	Iowa Center	Brush Creek	1882, 83, 84, 85	
2097	Price, L. J.	"	Tama City	Sutherland	1882, 83, 84, 85	
2141	Platt, Joseph S.	"	Alta	Sioux City	1882, 83, —, —	Gone to Michigan.
2156	Pierce, Griffith R.	"	Blairstown		1882, —, —, —	Sold out.
2158	Peck, P. B.	"	Alden		1882, 83, —, —	Delinquent 2 years.
2228	Person, A. H.	"	Ames		1882, 83, 84, 85	
2247	Pape, Hermann G.	"	Davenport		1882, 83, 84, 85	
2327	Pickett, J. C.	"	Des Moines		1883, —, 85	
2332	Pfeiffer, Jr., Henry	"	Cedar Falls		1882, 83, 84, 85	
2360	Parker, E. W.	"	Peterson		1882, 83, 84, 85	
2298	Payne, Annie E.	"	Richland		1882, 83, 84, 85	
2304	Plagmann, Henry	"	Davenport		1883, 84, 85	Gone to Kansas.
2305	Porter, Jas. N.	"	Brayton	Guthrie Center	1882, 83, 84, —	Revoked.
2399	Parvin, F. O.	"	Fort Madison		1883, 84, 85	
2400	Patton, Joseph	"	Collins	Baxter	1883, 84, 85	
2413	Porter, L. Lindley	"	Humboldt		1883, 84, 85	
2415	Patterson, M. F.	"	Pocahontas Center		1883, 84, 85	
2435	Plumb, Weston T.	"	Vanclave		1883, 84, 85	
2451	Potter, F. Chalmers	"	Vail		1883, 84, —	Crookston, Minn.
2467	Parrish, Henry	"	Decatur		1883, 84, 85	
2521	Powers, C. A.	"	Moravia	Moulton	1883, 84, 85	
2534	Pengally, A. H.	"	Des Moines		—, —, —	Left the State.
2550	Praun, Al. W.	"	Cresco	Ridgeway	1883, 84, 85	
2598	Peck, Edgar A.	"	Cedar Rapids		—, —, —	Delinquent 3 years.
2582	Parker, Leander T.	"	Manson	Storm Lake	1883, 84, 85	
2588	Pruitt, Geo. A.	"	Blanchard		1883, 84, 85	
2624	Pinney, C. H.	"	Council Bluffs		—, —, —	Delinquent 2 years.
2664	Paschal, C. M.	"	New Market		1884, 85	

2668	Paul, Chas. S.	By examination.	Paulina		1884, 85	
2675	Pexton, J. F.	"	Harlan		1884, 85	
2697	Patchin, F. S.	"	Thayer		1884, —	Gone to Nebraska.
2737	Pentzer, Jacob L.	"	Muscataine	Wilton	1885	
2742	Patterson, Chas.	"	Des Moines		1885	
2752	Pyle, George H.	"	Malcom		1885	
2756	Pickett, Jno. H.	"	Iowa City	Ames	1885	
2835	Pember, H. H.	"	Spencer		1885	
2869	Pine, P. R.	"	Tipton			
2893	Porterfield, F. W.	"	Atlantic			
1152	Quire, James C.	Without examin.	Lynnville		1882, 83, 84, 85	
1153	Quire, Chas. E.	"	Lynnville		1882, 83, 84, 85	
1913	Quirk, W. T.	By examination..	Aurelia		1882, 83, 84, 85	
2314	Quinn, Edward	"	What Cheer		1882, 83, 84, 85	
2370	Quigley, Will A.	"	Calliope		1882, —, —, —	Sold out.
2381	Quinn, Charles F.	"	Cherokee	Meriden	1885	
15	Robbins, C. S.	Without examin.	Neola		1882, 83, 84, 85	
33	Rust, David	"	Whiting		1882, 83, 84, 85	
51	Russell, H. A.	"	Centerville		1882, 83, 84, 85	
55	Robyn, Edward	"	Luzerne			Dead.
86	Robinson, S. S.	"	Polk City		1882, 83, 84, 85	
104	Ray, J. A.	"	Leon		1882, 83, 84, 85	
118	Reisener, F. O.	"	West Point		1882, 83, 84, 85	
119	Reisener, Mrs. Mary	"	West Point		1882, 83, 84, 85	
123	Rhoads, H. M.	"	Clarksville		1882, 83, 84, 85	
140	Roberts, Mary F. Q.	"	Osceola		1882, 83, 84, 85	
165	Rice, U. A.	"	Commerce		1882, 83, 84, 85	
167	Robbins, Willard	"	Faragut		1882, 83, 84, 85	
175	Reynolds, A. J.	"	Agency City		1882, 83, 84, 85	
182	Rogg, Chas. W.	"	Des Moines		1882, 83, 84, 85	
206	Rolling, John	"	Bellevue		1882, 83, 84, 85	
231	Rice, Clarence E.	"	Boone		1882, 83, 84, 85	
242	Roberts, W. H.	"	Ackley		1882, 83, 84, —	Delinquent 1 year.
245	Reeme, Ira J.	"	Afton		1882, 83, 84, —	Gone to Kansas.
254	Read, S. G. A.	"	Algona		1882, 83, 84, 85	
255	Read, Lizzie B.	"	Algona		1882, 83, 84, 85	
269	Roberts, A. H.	"	Audubon		1882, 83, 84, 85	



ABSTRACT—CONTINUED.

Number of certificate.	NAMES.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
303	Richardson, R.	Without examin.	Blairstown		1882, 83, 84, 85	
304	Richardson, George A. B.	"	Blairstown		1882	Superseded by 2336.
291	Richter, Adolph H.	"	Burlington		1882, 83, 84, 85	
310	Ragsdale, J. S.	"	Birmingham		1882, 83, 84, 85	
318	Ragsdale, E. E.	"	Birmingham		1882, 83, 84, 85	
381	Rawson, H. C.	"	Corning		1882, 83, 84, 85	
382	Rawson, Allen Abel	"	Corning		1882, 83, 84, 85	
384	Rogers, Oscar K.	"	Corydon		1882, 83, 84, 85	Delinquent 1 year.
427	Randolph, J. W.	"	Des Moines		1882, 83, 84, 85	
437	Richmond, James A.	"	Dallas Center		1882, 83, 84, 85	
465	Rigg, James	"	Dubuque	Fort Dodge	1882, 83, —, —	Forfeited, in Dak.
467	Roberts, Fred J.	"	Dunlap	Soldier	1882, 83, 84, 85	
476	Robinson, J. H.	"	Davis City		1882, 83, 84, 85	
477	Ruete, Theo. W.	"	Dubuque		1882, 83, 84, 85	
485	Ramsey, Robert B.	"	Blakesburg	Floris	1882, 83, 84, 85	
507	Rush, Warren B.	Graduate	Sidney		—, —, —, —	Left town, forfeited.
629	Rees, Wm. W.	Without examin.	Hamburg		1882, 83, 84, 85	
647	Robinson, T. J.	"	Harlan		1882, 83, 84, 85	
653	Raffauf, H. W.	"	Independence		1882, 83, 84, 85	
667	Rigg, T. J.	"	Iowa City		1882, 83, 84, 85	
685	Rankin, Thomas	"	Keosauqua		1882, 83, —, —	Sold out.
756	Resley, John	"	Le Grand		1882, 83, 84, 85	
770	Rowlands, Thomas H.	"	Council bluffs		—, —, —, —	Left town, forfeited.
787	Roberts, Rose S.	"	Ackley		1882, 83, 84, —	Delinquent 1 year.
857	Roberts, James	"	Montezuma		1882, 83, 84, 85	
885	Rice, John D.	"	Mapleton		1882, 83, 84, 85	
902	Reichard, D. H.	"	Mitchellville		1882, 83, 84, 85	
965	Richards, Clark L.	"	Davenport		1882, 83, 84, 85	
978	Rudolph, Chas.	"	Decorah		1882, 83, 84, 85	

985	Ramsey, A. A.	Without examin.	Albia		1882, 83, 84, 85	
1017	Rummel, D. E.	"	Olin		1882, 83, 84, 85	
997	Randall, F. G.	"	Ottumwa		1882, 83, 84, 85	
1033	Roberts, Jason	"	Osceola		1882, 83, 84, 85	
1069	Renken, Eno C.	"	Parkersburg	Spirit Lake	1882, 83, 84, 85	
1070	Ray, Frank P.	"	Parkersburg		1882, 83, 84, 85	
1097	Ross, Lon F.	"	Red Oak		1882, 83, 84, 85	
1117	Roach, Fred	"	Chelsea		1882, 83, 84, 85	
1133	Ruff, Oscar	"	Dubuque		—, —, —, —	Forfeited.
1135	Rumsey, John J.	"	Denison		1882, —, —, —	Superseded by 2455.
1167	Reeves, Alvin B.	"	Norway		1882, 83, —, —	Dead.
1183	Reynolds, Geo. W.	"	Shellsburg	Bode	1882, 83, 84, 85	
1202	Reeves, Thomas J.	"	Seney		1882, 83, 84, 85	
1206	Rogers, Hiram S.	"	Corydon		1882, —, —, —	Forfeited.
1222	Hadermacker, H.	"	Stanwood		—, —, —, —	Forfeited.
1228	Ruemmele, T. A.	"	Shelby	Manning	1882, 83, —, —	Delinquent 2 years.
1230	Roberts, Benj. F.	"	Scranton		1882, 83, 84, 85	
1238	Reeves, I. C.	"	Salem		1882, 83, 84, 85	
1258	Rigg, Thos	"	Tipton		—, —, —, —	Forfeited; in Cal.
1265	Reno, E. E.	"	Union		—, —, —, —	Retired; forfeited.
1273	Ross, Thos. B.	"	Van Meter		1882, 83, 84, 85	
1289	Ryerson, M. W.	"	Wilton Junction		1882, —, —, —	Forfeited.
1291	Robbins, Alvin E.	"	Waukon		1882, 83, 84, 85	
1295	Ross, Jr., Wm. P.	"	Wilton Junction		1882, 83, 84, 85	
1296	Ross, Sr., Wm.	"	Wilton Junction		1882, 83, 84, 85	
1302	Richards, G. B.	"	Washington		—, —, —, —	Forfeited.
1304	Rodman, A. A.	"	Washington		1882, 83, 84, 85	
1344	Rippey London	"	Winterset	Macksburg	1882, 83, 84, 85	
1292	Robbins, F. H.	"	Waukon		1882, 83, 84, 85	
1331	Robertson, F. W.	"	Waterloo		1882, 83, 84, 85	
1365	Riggen, John A.	"	Wellman		1882, 83, 84, —	Sold out.
1374	Rhoads, John P.	"	Bedford		—, —, —, —	Forfeited.
1376	Rhoads, H. B.	"	Bedford		1882, 83, 84, 85	
1377	Rhoads, Isaac L.	"	Bedford		—, —, —, —	Forfeited.
1383	Rees, L. A.	"	Des Moines		1882, 83, 84, 85	
1419	Rice, Chas.	"	Smithland		1882, —, 84, 85	
1420	Rice, Richard C.	"	Smithland		1882, 83, 84, 85	
1438	Rockhold, J. E.	"	Clio		—, —, —, —	Forfeited.
1441	Riemcke, G. A.	"	Muscatine		1882, 83, 84, 85	



ABSTRACT—CONTINUED.

Number of certificate.	NAME.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
1531	Riggs, Wm. K.	Without examin.	Castalia		1882, 83, 84, 85	
1601	Rhodes, Thos. H.	"	Kossuth		1882, 83, —, —	Sold out.
1617	Runkle, Wm. H.	"	Lisbon		1882, —, —, —	Out of bus., forfeit.
1620	Roff, H. J.	"	DeWitt	Lyons	1882, 83, 84, 85	
1630	Reininghaus, Mrs. E.	"	Cantril		1882, 83, 84, 85	
1654	Rowland, W. E.	"	Altoona		—, —, —, —	Out of bus., forfeit.
1666	Ritz, Reinhart	"	Selma		1882, 83, 84, 85	
1684	Robberts, Harry	By examination.	Atlantic	Dallas Center	1882, 83, 84, 85	
1716	Rodearmel, R. H.	Without examin.	Nevada	Jewell Junct'n	1882, 83, 84, 85	
1723	Roos, Julius G.	"	Keokuk		1882, 83, 84, 85	
1736	Reiterman, C.	"	LeGrand		1882, 83, 84, 85	
1782	Rosser, W. H.	By examination.	Troy		1882, 83, 84, —	Out of business.
1794	Rathburn, I. H.	"	Clinton		—, —, —, —	Left town.
1862	Reid, Chas. C.	"	Sabula	Preston	1882, 83, 84, —	In Nebraska.
1869	Reed, A. L.	"	Manson		1882, 83, 84, 85	
1873	Rankin, J. B.	"	Allerton		1882, 83, 84, 85	
1875	Riggs, J. S.	"	Allison		1882, 83, 84, —	Sold out.
1885	Riepe, A. C. H. E.	"	Davenport		1882, 83, 84, 85	
1894	Reiss, H. C. A.	"	Iowa City		1882, 83, —, —	Delinquent 2 years.
1904	Reppert, Ferdinand	"	Muscatine		1882, 83, 84, 85	
1906	Robinson, H. A.	"	Oxford		1882, 83, 84, 85	
1923	Rudolph, R. F.	"	Decorah		1882, 83, 84, 85	
1985	Robinson, L. B.	"	Big Grove	Oakland	1882, 83, 84, —	Sold out.
1997	Reel, Z. T.	"	Des Moines		1882, 83, 84, 85	
2002	Rhoades, John	"	Fayette		1882, 83, 84, 85	
2007	Rightmire, Geo.	"	Corning		1882, —, —, —	Dead.
2029	Rosencrans, Daniel	Without examin.	Harper		—, —, —, —	Forfeited.
2049	Raudabaugh, G. S.	By examination.	Braddyville		1882, 83, —, —	Sold out.
2050	Reynor, Marcus	"	Baldwin		1882, 83, —, —	In Nebraska.

2071	Roush, Geo. R.	By examination.	Sidned		1882, 83, —, —	Delinquent 2 years
2086	Reed, A. R.	"	Des Moines	Des Moines	1882, 83, 84, 85	
2115	Riggs, J. A.	Without examin.	Holland	Parkersburg	1882, 83, 84, 85	
2117	Root, J. K.	By examination.	Marengo	Persia	1882, 83, 84, —	Delinquent 1 year.
2121	Rockafellow, J. B.	"	Atlantic	Harlan	1882, 83, 84, —	Out of business.
2165	Rice, Chas. W.	"	Cantril		1882, 83, 84, 85	
2170	Rupert, Lawrence M.	"	Marion		—, —, —, —	Retired.
2179	Rowell, C. J.	"	Afton		—, —, —, —	Delinquent 4 years.
2213	Rowcliff, James F.	"	Des Moines		1882, —, —, —	Now at Peoria, Ill.
2219	Richardson, W. H.	"	Orient	Goshen	1882, 83, 84, 85	
2246	Reiff, Ernest	"	Bryant		—, —, —, —	Delinquent 4 years.
2270	Rehlaender, R. L.	"	Des Moines		1882, —, —, —	Left the town.
2281	Rigg, Anthony C.	"	Tipton	Iowa City	1882, 83, —, —	Delinquent 2 years.
2336	Richardson, Geo. A. B.	"	Blairstown	West Side	1882, 83, 84, 85	
2337	Riley, F. M.	"	Jefferson		1882, 38, 84, 85	
2353	Rosegrant, S. C.	"	State Center		1882, 83, 84, 85	
2356	Randall, Chas. T.	"	Dunlap		1882, 83, 84, 85	
2299	Ray, H. G.	"	Clarksville	Nashua	1882, 83, 84, 85	
2380	Ryan, J. R.	"	Colfax		1883, 84, 85	
2387	Rockwell, R. B.	"	Bedford		1883, 84, 85	
2465	Reeder, A. T.	"	Colfax		1883, 84, 85	
2466	Robertson, J. C.	"	Dublin		1883, 84, 85	
2470	Records, Thomas E.	"	West Branch	Rowley	1883, 84, 85	
2473	Robb, Fremont	"	State Center	Oskaloosa	1883, 84, 85	
2485	Rumsey, John J.	"	Denison		1883, 84, 85	
2489	Roberts, E. C.	"	Independence		1883, —, —, —	Dead.
2533	Robbins, C. A.	"	Waukon	Sumner	1883, 84, 85	
2537	Reigart, Emanuel H.	"	Des Moines		—, —, —, —	Out of business.
2542	Robinson, David D.	"	Mt. Pleasant	Burlington	1883, 84, 85	
2545	Robinson, J. Theron	"	Martinsburg		1883, 84, 85	
2546	Richey, M. W.	"	Le Mars		—, —, —, —	Delinquent 3 years.
2589	Rice, Allen T.	"	Coin	Persia	1883, —, —, —	Delinquent 2 years.
2592	Richardson, J. F.	"	Harper		1883, 84, 85	
2628	Reber, Fred	"	Atlantic		1884, 85	Revoked.
2645	Ritter, John M.	"	Richmond		1884, 85	
2701	Richard, Francis	"	West Point		1884, 85	
2689	Rueb, Henry J.	Graduate	Plum Holiow		—, —, —, —	Delinquent 2 years.
2707	Royce, Chas. S.	By examination.	Oakland		1884, 85	
2711	Rambo, James W.	"	Leando		1884, 85	



ABSTRACT—CONTINUED.

Number of certificate.	NAMES.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
2718	Rogers, Ed. M.	By examination	Radcliff		1884, 85	
2735	Robinson, Ed. H.	"	Burlington			Delinquent one year.
2741	Reagan, Edwin W.	"	Nevinsville		1885	
2747	Rose, H. J. R.	"	Des Moines			Left the State.
2798	Reynolds, G. D.	"	Conrad		1885	
2846	Randolph, Frank	"	Des Moines		1885	
2849	Rogasch, Wm. A.	"	Manson	Marshalltown	1885	
2850	Rahte, Richard S.	Graduate	Van Horne			
2876	Rice, John A.	By examination	Milton			
9	Starr, J. W.	Without examin.	Lacona		1882, 83, 84, 85	
14	Sherman, Milo L.	"	Fredericksburg		1882, 83, 84, 85	
16	Smith, Cameron	"	Carlisle		1882, —, —, —	Left State; forfeit'd.
17	Smith, J. O.	"	Floris	Drakeville	1882, 83, 84, 85	
20	Stafford, David	"	Kellerton		1882, 83, 84, 85	
24	Sinnard, Cyrus	"	Kirkville		—, —, —, —	Retired; forfeited.
25	Stevens, John R.	"	Cantril		—, —, —, —	Forfeited.
26	Schen, Chas	"	Stacyville		1882, 83, 84, 85	
37	Snider, H. K.	"	Grinnell		1882, 83, 84, 85	
53	Seidler, Wm.	"	Minburn		1882, 83, 84, 85	
59	Stearns, L. A.	"	Fredericksburg		—, —, —, —	Forfeited.
60	Stanley, C. W.	"	Decatur City		1882, —, —, —	Forfeited.
87	Sherman, J. M.	"	Paton		1882, 83, 84, 85	
95	Shepard, A. J.	"	Randolph		1882, —, —, —	Forfeited.
100	Swearingen, A.	"	Leon		1882, 83, 84, 85	
112	Sowles, Edwin E.	"	Nora Springs		—, —, —, —	Forfeited.
127	Satterthwait, J. W.	"	Mt. Pleasant		1882, 83, 84, 85	
129	Sherman, Nancy B.	"	Grafton		1882, 83, 84, 85	
149	Sayres, Wm	"	Cincinnati		1882, —, —, —	Forfeited.

157	Sumner, J. M.	Without examin.	Walkerville	Urbana P. O.	1882, —, —, —	Forfeited.
191	Smith, Wm. H.	"	Marysville		1882, 83, —, —	Delinquent 2 years.
199	Salmon, M. M.	"	Burlington		1882, 83, 84, 85	
210	Strobridge, Chas. A.	"	Monona			Superseded by 2279.
219	Shancks, F. B.	"	West Mitchell		1882, 83, 84, 85	
224	Stewart, Thos. S.	"	Rock Falls		—, —, —, —	Forfeited.
292	Shumway, M.	"	Brush Creek		1882, 83, 84, 85	
240	Sheetz, L. A.	"	Algona		1882, 83, 84, 85	
241	Stauffacher, D. R.	"	Ackley		1883, 84, 85	
246	Sherman, John	"	Anita			Superseded by 1907.
259	Straight, S. W. W.	"	Atlantic		1882, 83, 84, 85	
260	Schultz, H. E.	"	Alden	Dows	1882, 83, 84, 85	
273	Smith, W. H.	"	Shell Rock		1882, 83, 84, 85	
275	Skinner, Wm. B.	"	Anamosa		1882, 83, 84, 85	
276	Skinner, Wm. M.	"	Anamosa		1882, 83, 84, 85	
277	Skinner, Mary A.	"	Anamosa		1882, 83, 84, 85	
302	Severa, Vencel	"	Belle Plaine	Cedar Rapids	1882, 83, 84, 85	
329	Smith, Jos. T.	"	Corning		1882, 83, 84, 85	
386	Sylvester, Wm.	"	Cherokee		1882, 83, 84, 85	Dead.
387	Sylvester, W. G.	"	Cherokee		1882, 83, 84, 85	
388	Sturdivant, John M.	"	Cincinnati	Centerville	1882, —, —, —	Forfeited.
390	Swafford, Isiah	"	Carlisle		1882, 83, 84, 85	
391	Stanosheck, F. J.	"	Cherokee		1882, 83, —, —	Delinquent 2 years.
392	Stevenson, Robt., sr.	"	Centerville			Dead.
393	Salmon, G. A.	"	Columbus Junction		1882, 83, 84, 85	
395	Smith, Geo. E.	"	Clarence		1882, 83, 84, 85	
396	Stiles, Arthur E.	"	Calmar		1882, 83, 84, 85	
430	Sherman, Chas. R.	"	Des Moines	Des Moines	1882, 83, 84, 85	
417	Schlegel, Gustav	"	Davenport		1882, 83, 84, 85	
453	Smith, R. W.	"	Dyersville		—, —, —, —	Forfeited.
454	Smith, David S.	"	Dyersville		1882, 83, 84, 85	
456	Stanley, J. G.	"	Dexter		1882, 83, 84, 85	
459	Stevenson, J. E.	"	Davenport		1882, 83, 84, 85	
466	Satterlee, Dwight	"	Dunlap		1882, 83, 84, 85	
468	Schmidt, Wm. Fred	"	Dubuque	Sioux City	1882, 83, 84, 85	
475	Satterlee, E. S.	"	Dunlap		1882, 83, 84, 85	
488	Slawson, Frank M.	"	Cresco		1882, 83, 84, 85	
489	Sheffield, Richard H.	"	Gifford		1882, 83, 84, 85	
501	Snyder, O. H.	"	Malvern		1882, 83, 84, 85	



ABSTRACT—CONTINUED.

Number of certificate.	NAMES.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
504	Shoffer, John M.	Without examin.	Monticello		—, —, —	Removed; forfeited.
513	Springer, James T.	"	Norway		1882, 83, 84, 85	
514	Springer, S. H.	"	Norway		1882, 83, 84, 85	
515	Swan, L. M.	"	Applington		1882, 83, 84, 85	
526	Sproatt, Wm. S.	"	Corydon		1882, 83, 84, 85	
527	Study, Eugene	"	Corydon		1882, 83, 84, —	Delinquent 1 year.
554	Shipman, R. M.	"	Emerson		1882, 83, 84, 85	
594	Smith, Horace W.	"	Garner		1882, 83, 84, 85	
597	Scar, George F.	"	Griswold		—, —, —	Superseded by 1933.
603	Sayre, Albert H.	"	Menlo		1882, —, —, —	Forfeited.
612	Schussler, L. F.	"	Grinnell		—, —, —, —	Forfeited.
615	Simmons, John B.	"	Garden Grove.		1882, 83, 84, —	Delinquent 1 year.
640	Snodgrass, Frank	"	Hamburg		1882, 83, 84, 85	
651	Smale, George	"	Independence		1882, 83, 84, 85	
654	Scott, Wm. J.	"	Ida Grove.		1882, —, —, —	Forfeited.
655	Scott, James C.	"	Ida Grove.	Glidden	1882, 83, 84, 85	
678	Stafford, Eugene J.	"	Kellogg		1882, 83, 84, 85	
680	Strickling, Joseph C.	"	Keosauqua		1882, 83, 84, 85	
684	Schulenburg, Robert.	"	Keokuk		1882, 83, 84, —	Sold out.
692	Stuckert, Wm.	"	Keokuk		—, —, —, —	Dead.
721	Shrader, W. E.	"	Iowa City		1882, 83, 84, 85	
726	Smith, Charles E.	"	Memory		—, —, —, —	Superseded by 2385.
734	Stephenson, A. C.	"	East Des Moines.		1882, 83, 84, 85	
736	Stempel, Arthur H.	"	Fort Madison.		1882, 83, 84, 85	
737	Sill, Frank M.	"	Goldfield		—, —, —, —	Forfeited.
740	Seaver, Bert.	"	Cedar Falls.		—, —, —, —	Removed; forfeited.
743	Swan, Balmore F.	"	Lake City	Sioux Rapids.	1882, 83, 84, 85	
760	Schenk, G. W.	"	Lyons		—, —, —, —	Superseded by 2230.
764	Snyder, Daniel B.	"	Lyons		1882, 83, 84, 85	

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773	Sanford, H. C.	Without examin.	Sigourney	Colfax	1882, 83, 84, 85	
780	Stephens, Cyrus R.	"	Traer		—, —, —, —	Removed. Forft'd.
790	Sartori, Anton	"	Cedar Falls	Kingsley	1882, 83, 84, 85	
797	Stone, Frank C.	"	Carbon		—, —, —, —	Forfeited.
834	Snider, Charles.	"	Mt. Pleasant		1882, 83, 84, 85	
835	Snider, David S.	"	Mt. Pleasant		1882, 83, —, —	In Peoria. Forft'd.
836	Snider, Howard E.	"	Mt. Pleasant		1882, 83, 84, 85	
852	Shiley, George P.	"	Missouri Valley		1882, 83, 84, 85	
853	Shiley, D. A.	"	Missouri Valley	Bedford	1882, 83, 84, 85	
869	Summers, L. F.	"	Milton		1882, 83, 84, 85	
876	Struthers, Wm. H.	"	Mt. Ayr		1882, 83, 84, 85	
897	Sawyers, David A.	"	Macksburg		1882, 83, 84, 85	
907	Stevens, John H.	"	Montour		1882, 83, 84, 85	
914	Scott, Walter G.	"	Des Moines		1882, 83, 84, 85	
919	Smith, Henry C.	"	Manchester		1882, 83, 84, 85	
921	Sellars, Harry F.	"	Dubuque		1882, 83, —, —	Dead.
924	Solberg, Hans D.	"	Decorah		—, —, —, —	Forfeited.
930	Scribner, Wm. H.	"	Newton		1882, 83, 84, 85	
931	Skiff, Harvey J.	"	Newton		1882, 83, 84, 85	
943	Stevens, C. S.	"	Lime Springs		1882, 83, 84, 85	In Wisconsin.
947	Stafford, James	"	Nichols		1882, 83, —, —	Delinquent 2 years.
953	Stafford, John R.	"	New London		1882, —, —, —	Forfeited.
963	Scott, John	"	Calmar		1882, 83, 84, 85	
973	Stevens, Delos D.	"	La Fayette		1882, 83, 84, 85	
975	Smith, John R.	"	Kellogg		1882, 83, 84, 85	
976	Smith, James A.	"	Kellogg		1882, 83, 84, 85	
987	Schafer, Geo. H.	"	Ft. Madison		—, —, —, —	Superseded by 1940.
989	Stoops, Curtis A.	"	Odebolt		1882, —, —, —	Forfeited.
996	Smth, W. C.	"	Ottumwa		—, —, —, —	Forfeited.
1000	Sprague, Parley B.	"	Ottumwa		1882, 83, 84, 85	
1010	Steinson, James	"	Ossian		1882, 83, —, —	In Dakota.
1014	Summerwill, Wm. J.	"	Odebolt		1882, 83, 84, 85	
1018	Somers, John W.	"	Onawa	Ida Grove	1882, 84, 84, 85	
1020	Schultz, Charles E.	"	Ogden		1882, —, —, —	Left town. Forft'd.
1044	Stebbins, Richard	"	Onawa		1882, 83, 84, 85	
1057	Staad, Anton	"	Postville		1882, 83, 84, 85	
1058	Staad, Godfrey	"	Postville		1882, 83, 84, 85	
1083	Swayze, Henry A.	"	Richland		1882, —, 84, —	Delinquent 1 year.
1084	Sprague, J. F.	"	Russell		1882, 83, 84, 85	

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ABSTRACT—CONTINUED.

Number of certificate.	NAMES.	How regis-tered.	Place of reg-istration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
1093	Shank, Jefferson	Without examin.	Red Oak		1882, 83, 84, 85	Dead.
1095	Shank, Henry C.	"	Red Oak		—, —, —, —	Forfeited.
1105	Spear, Frank A.	"	Algona		1882, 83, 84, 85	
1110	Shafer, J. A.	"	Burlington		1882, 83, 84, 85	
1119	Storie, D. Q.	"	Chariton		—, —, —, —	Forfeited.
1108	Seay, Peter H.	"	Afton		1882, 83, 84, 85	
1128	Schroeder, Frederick	"	Des Moines		1882, 83, 84, 85	
1129	Sandholm, John A.	"	Des Moines		1882, 83, 84, 85	Superseded by 2129.
1131	Spaulding, S. J.	"	Des Moines		—, —, —, —	Delinquent 2 years.
1138	Smith, Ellis M.	"	Eldora		1882, 83, —, —	
1141	Scott, Calvin B.	"	Fontanelle		1883, 83, 84, 85	
1144	Smits, Henry	"	Garnaville	New Sharon	1882, 83, 84, 85	
1150	Stover, Noah W.	"	Lucas		1882, 83, —, —	Superseded by 2434.
1163	Shepard, Nathaniel	"	Mondamin	Council Bluffs	1882, 83, 84, 85	
1177	Scobey, John G.	"	Shell Rock		—, —, —, —	Forfeited.
1178	Stonebreaker, A. G.	"	Shell Rock		1882, 83, 84, 85	
1215	Scofield, Geo. H.	"	Strawberry Point		1882, 83, 84, 85	
1246	Springer, Newton T.	"	Toledo		1882, 83, 84, 85	
1247	Springer, Joshua N.	"	Toledo		1882, 83, 84, 85	
1248	Springer, Geo. L.	"	Toledo	Garwin	1882, 83, 84, 85	
1249	Stiger, Stephen	"	Toledo		1882, 83, 84, 85	
1252	Soleman, Henry	"	Tama City		1882, 83, 84, 85	
1270	Safford, W. G.	"	Villisca	Northboro	1882, 83, 84, 85	
1271	Stennett, Daniel	"	Vilhca		—, —, —, —	Retired; forfeited.
1327	Scofield, Proctor D.	"	West Union		1882, 83, 84, 85	
1337	Shutts, Harvey L.	"	Waterloo		1882, 83, 84, 85	
1340	Snowden, Wm.	"	Waterloo		1882, 83, 84, 85	
1357	Sifford, Lewis J.	"	Wall Lake		1882, 83, 84, 85	
1359	Snyder, Geo. W.	"	Western	Des Moines	1882, 83, 84, 85	

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1379	Storie, Geo. W.	Without examin.	Chariton	Lucas	1882, 83, 84, 85	
1397	Scoles, Chas. S.	"	Knoxville	Albia	1882, 83, —, —	Delinquent 2 years.
1398	Scoles, Hamilton J.	"	Knoxville		1882, 83, 84, 85	
1399	Sullivan, Fielding	"	Kellerton	Mt. Ayr	1882, 83, 84, 85	
1433	Stephens, Wallace	"	Sidney		—, —, —, —	Forfeited.
1454	Stephenson, Chas. W.	"	Troy		1882, 83, 84, —	Delinquent 1 year.
1456	Stolte, Louis C.	"	Franklin Center		—, —, —, —	Forfeited.
1468	Smith, Chas. E.	"	Shellsburg		—, —, —, —	Removed to Dakota.
1476	Sweet, Homer L.	"	Mt. Etna		1882, 83, 84, 85	[forfeited.
1488	Sayres, Arlington M.	"	Cincinnati		1882, —, —, —	Forfeited.
1498	Stewart, John H.	"	Crawfordsville		1882, 83, 84, 85	
1511	Smith, Albert B.	"	Winterset	Des Moines	1882, 83, 84, 85	
1521	Silverthorn, O. E.	"	Creston		1882, 83, 84, 85	
1545	Stewart, Sescio	"	Big Grove		—, —, —, —	Forfeited.
1547	Salmon, Jos. F.	"	Ft. Madison		1882, 83, 84, 85	
1548	Salmon, Theodore	"	Ft. Madison		1882, 83, 84, 85	
1573	Smith, Thos. E.	"	De Soto	Gilmore City	1882, 83, 84, 85	
1586	Smith, F. H.	"	Vallisca		1882, 83, 84, 85	
1608	Sturges, N. F.	"	Carroll		1882, 83, 84, 85	
1616	Smith, T. H.	"	Creston	Brayton	1882, 83, 84, 85	
1622	Sikkema, H. H.	"	Butler Center		—, —, —, —	Forfeited.
1629	Stuckert, Otto	"	Keokuk		—, —, —, —	Forfeited.
1635	Scroggs, J. P.	"	Lenox		1882, 83, 84, 85	
1648	Stempel, G. L.	"	Cedar Bluffs	Macedonia	1882, 83, 84, 85	
1656	Smith, Mrs. I.	"	Abingdon		—, —, —, —	Forfeited.
1665	Shepherd, Jas. M.	"	David City		1882, 83, 84, 85	
1668	Spendlove, Wm.	By examination.	Dunlap		—, —, —, —	Delinquent 4 years.
1679	Stratton, Herbert R.	"	Red Oak		1882, 83, 84, —	Left the State.
1682	Stuart, Jas. D.	"	Mondamin		1882, 83, 84, 85	
1685	Souers, Webb	"	Des Moines		1883, 84, 85	
1697	Smith, H. C.	"	Moulton		—, —, —, —	Removed to Black Hills.
1698	Stevens, Geo. L.	"	Dexter	Marengo	1882, 83, 84, 85	
1700	Smith, C. F.	"	Nichols Junction	Nira	1882, 83, 84, 85	
1712	Schmucker, D. R.	Without examin.	Des Moines		1882, 83, 84, 85	
1720	Scott, E. M. B.	"	Ottumwa		1882, 83, 84, 85	
1721	Swartz, M. K.	"	Grundy Center		—, —, —, —	Sold out, forfeited.
1728	Squire, Joseph N.	"	Amish		—, —, —, —	Forfeited.
1741	Steen, John J.	"	Reno		—, —, —, —	Forfeited.
1752	Slusher, J. M.	"	Primrose	Primrose	1882, 83, 84, 85	

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STATE PHARMACY REGISTER.



ABSTRACT—CONTINUED.

Number of certificate.	NAMES.	How regis-tered.	Place of reg-istration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
1755	Satterlee, D. S.	Without examin.	Guthrie Center.	Boonsboro.	1882, 83, 84, 85	
1759	Sherwood, Jos. B.	"	Viola.	"	1882, 83, —	Delinquent 2 years.
1774	Snowden, John E.	"	Waterloo.	"	1882, 83, —	Dead.
1795	Simmons, Rob't.	By examination.	Villisca.	"	1882, 83, 84, 85	Retired.
1797	Schadt, Conrad.	"	Amama.	"	1882, 83, 84, 85	
1813	Siemers, John.	Without examin.	Onslow.	Amber.	1882, —, —	
1817	Shotts, A. F.	"	North English.	"	1882, 83, 84, 85	Forfeited.
1821	Stong, Jacob.	"	Kilbourne.	"	1882, 83, 84, 85	
1840	Stansberry, Grant S.	"	Dean.	"	1882, —, —	Sold out. Forf't'd.
1861	Sherman, Chas. B.	By examination.	Anita.	"	1882, —, —	Now at Omaha.
1885	Sommerbeck, B.	"	Cedar Rapids.	"	1882, 83, 84, 85	
1871	Salmon, E. J.	"	West Point.	"	1882, 83, 84, 85	Out of business.
1888	Speers, George W.	"	Vinton.	"	1882, 83, 84, 85	
1898	Shultz, Will J.	"	Creston.	"	1882, —, —	Delinquent 4 years.
1907	Sherman, John.	"	Anita.	"	1882, 83, 84, 85	Out of business.
1914	Stilliams, W. O.	"	Clarinda.	"	1882, —, —	Retired.
1919	Smith, E. J.	"	Dexter.	"	1882, 83, 84, 85	
1933	Scar, George F.	"	Griswold.	Elliot.	1882, 83, 84, 85	
1940	Schafer, George H.	"	Ft. Madison.	"	1882, 83, 84, 85	
1958	Slocum, Eugene.	Without examin.	Rose Hill.	"	1882, 83, 84, —	Delinquent 1 year.
1959	Smith, Howard D.	"	Corning.	"	1882, —, —	Forfeited.
1965	Stearns, T. C.	"	Alpha (Bethel P. O.).	"	—, —, —	Forfeited.
1992	Stever, David H.	By examination.	Fairfield.	"	1882, —, —	Delinquent 4 years.
1990	Saunders, Wm. J.	"	Bevington.	"	1882, —, —	Out of business.
2004	Smith, Charles.	"	Sanborn.	"	1882, 83, 84, 85	
2015	Schaffer, Lewis O.	"	Altoona.	"	1882, 83, 84, 85	
2023	Stevens, Emma F. A.	Without examin.	La Fayette.	"	1882, 83, 84, 85	
2039	Slater, G. W.	"	Garrison.	"	—, 83, —	Delinquent 2 years.

2064	Sperry, Lewis B.	By examination.	Hamburg.	"	1882, 83, 84, 85	
2069	Sweetser, W. W.	"	Storm Lake.	"	1882, —, —	Dead.
2070	Swartz, John L.	"	Iowa Falls.	"	1882, 83, 84, 85	
2072	Salisbury, G. R.	"	Lenox.	"	1882, —, —	Delinquent 3 years.
2080	Sheriff, Charles E.	"	Davenport.	"	—, —, —	Rem. to Geneseo, Ill.
2091	Steiner, John.	"	Audubon.	"	—, —, —	Left the county.
2093	Sager, C. A.	"	Promise City.	"	1882, 83, —	Revoked.
2106	Stockton, Wm. W.	Graduate.	Dubuque.	"	1882, 84, —	Delinquent 2 years.
2118	Smith, N. M.	By examination.	Peru.	"	1882, 83, —	Delinquent 2 years.
2125	Stevens, H. J.	"	Shenandoah.	"	1882, 83, 84, 85	
2127	Schriever, Wm.	"	Sigourney.	Richland.	1882, 83, 84, 85	
2129	Spaulding, S. J.	"	Milo.	"	1882, 83, 84, 85	
2133	Stuart, George A.	"	Weldon.	"	1883, —, —	Delinquent 2 years.
2137	Strickler, B. E.	"	Hastings.	Alden.	1882, 83, 84, 85	
2140	Selby, J. Milton.	"	Carbon.	"	1882, 83, 84, 85	
2142	Stoll, L. S.	"	Arcadia.	"	1882, 83, 84, 85	
2144	Schlumberger, Philip.	"	Griswold.	Dennison.	1882, 83, 84, 85	
2116	Stutsman, D. W.	Without examin.	Bonaparte.	"	1882, 83, 84, 85	
2153	Sager, F. P.	By examination.	Afton.	"	1882, —, —	Left the State.
2169	Stevens, R. Appleton.	"	Brandon.	"	1882, —, —	Delinquent 3 years.
2172	Stephens, T. G.	"	Sidney.	"	1882, —, —	Delinquent 3 years.
2196	Sampson, J. W.	"	Fairfield.	"	1882, 83, 84, 85	
2197	Selby, B. W.	"	Carbon.	Tingley.	1882, 83, 84, 85	
2211	Slater, Daniel.	"	Stratford.	Albia.	1882, 83, 84, 85	
2230	Schenk, G. W.	"	Burlington.	"	1882, 83, 84, 85	
2231	Silverthorn, A. F.	"	Creston.	"	1882, 83, 84, 85	
2251	Schroeder, Hans.	"	Dennison.	Stratford.	1882, 83, —	Delinquent 2 years.
2277	Summerhays, George S.	"	Iowa City.	"	—, —, —	Left the town.
2279	Strobridge, C. A.	"	Monona.	Luana.	1882, 83, 84, 85	
2286	Schoel, August.	"	Gladbrook.	Sanborn.	1882, 83, 84, 85	
2290	Smith, Calvin K.	"	Van Meter.	"	1882, 83, —	Delinquent 2 years.
2322	Sehee, James M.	"	Eldon.	"	1882, 83, 84, 85	
2328	Stuart, R. L.	"	Montrose.	"	1882, 83, 84, —	Out of business.
2338	Schmit, John N.	"	Maquoketa.	Northwood.	1882, 83, 84, 85	
2341	Schermerhorn, E. L.	"	Jefferson.	Des Moines.	1882, 83, 84, —	Delinquent one year.
2346	Stouffer, Peter B.	"	Clinton.	Manning.	1882, 83, 84, 85	
2397	Singer, Lewis U.	"	Clearfield.	"	1882, 83, 84, 85	
2392	Swennings, F. J.	"	Ft. Dodge.	Panama.	1882, 83, 84, 85	
2399	Shideler, A. B.	"	Kelsey.	"	—, —, —	Out of business.



ABSTRACT—CONTINUED.

Number of certificate.	NAMES.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
2381	Sackett, R. W.	By examination.	Sioux Rapids.	Ft. Dodge	1883, 84, 85	
2385	Smith, Chas. E.	"	Bedford	Shenandoah	1883, 84, 85	
2388	Searles, F. L.	"	Hartley		1883, 84, 85	
2402	Startzman, C. D.	"	What Cheer		1883, 84, —	Gone to Kansas.
2403	Stults, M. F.	"	Glendon	Adair	1883, 84, —	Sold out.
2408	Smith, Arthur L.	"	Cedar Falls.		—, —, —	Delinquent 3 years.
2412	Sayre, S. N.	"	Marne	St. Charles	1883, 84, 85	
2419	Stillians, W. A.	"	Clarinda		1883, 84, 85	
2427	St. John, L. E.	"	Tingley	Blencoe	1883, 84, 85	
2431	Shope, Edwin B.	"	Milo		1883, 84, 85	
2434	Stover, Noah W.	"	Lucas		1883, 84, 85	
2442	Straub, Paul F.	"	Mt. Pleasant		1883, 84, 85	
2445	Sansom, J. E.	"	Anita		1883, 84, —	Sold out.
2457	Sigworth, M. P.	"	Anamosa		1883, 84, 85	
2456	Stevens, J. C.	"	Shenandoah		1883, 84, 85	
2480	Salts, Andrew J.	"	Corning		1883, 84, 85	
2504	Stoehr, Gus A.	"	Elgin		1883, 84, 85	
2538	Sproul, C. H.	"	Hamburg		1883, 84, 85	
2541	Smith, Thos. A.	"	Rockwell		1883, 84, —	Delinquent 1 year.
2584	Sheafor, P. M.	"	Andubon		—, —, —	Delinquent 3 years.
2590	Smith, A. W.	"	Scranton		1883, 84, 85	
2591	Smallpage, Richard M.	"	Parkersburg	Webster City	1883, 84, 85	
2607	Sprague, M. H.	"	Eddyville		1884, 85	
2609	Slater, B. F.	"	Lake City		—, —, —	Left the State.
2613	Shrader, Frank P.	"	Brooklyn		1884, 85	
2614	Shilling, Alf. J.	"	Perry		1884, 85	
2617	Sieg, Henry C.	"	Marshalltown	Liscomb	1884, 85	
2630	Stedman, A. B.	"	Emmetsburg		—, —, —	Delinquent 2 years.
2633	Smith, Albert A.	"	Atlantic		1884, 85	

2638	Surry, Wm. W.	By examination.	Hedricks	Ft. Madison	1884, 85	
2687	Shrader, J. A.	"	Monroe		1884, 85	
2688	Schumacher, H.	"	Durant		1884, 85	
2694	Shuell, T. J.	"	Lytle City	Parnell	1884, 85	
2713	Stover, Emery E.	"	Lucas	Lucas	1884, 85	
2721	Skiff, Mason J.	"	Riceville		—, —, —	Gone to Wisconsin.
2732	Schaupp, Gustave A.	"	Ft. Dodge	Dubuque	1885	
2743	Smiley, Jonathan	"	Portsmouth		1885	
2748	Stewart, Wm. J.	"	Grimes		1885	
2750	Stemets, John	"	Emmetsburg		1885	
2754	Simcoke, J. L.	"	Redfield		1885	
2766	Scantling, George W.	"	Drakeville		1885	
2774	Sifford, Chas.	"	Wall Lake		1885	
2788	Smith, Frank H.	"	Wellman		1885	
2796	Seiffert, Otto	"	Davenport		1885	
2814	Simons, A. C.	"	Ida Grove		1885	
2827	Strong, R. F.	"	Clinton		1885	
2829	Spicer, W. C.	"	Cedar Falls		—, —, —	Delinquent 1 year.
2833	Sanders, Benj.	"	Bloomfield		1885	
2839	Stauffer, Geo. M.	"	Gladbrook		1885	
2844	Schmidt, Louis	"	Des Moines		1885	
2863	Stevens, S. E.	"	Grinnell		—, —, —	
2864	Smith, Calvin C.	"	Davenport		—, —, —	
2865	Smith, D. W. C.	"	Conway		—, —, —	
2867	Stoll, S. F.	Graduate	Prairie City		—, —, —	
2877	Schenck, J. H.	By examination.	Brayton		—, —, —	
2882	Shelton, Alva H.	"	Pulaski		—, —, —	
2883	Stanton, John H.	"	Chariton		—, —, —	
2894	Sanders, J. C.	"	Deep River		—, —, —	For Deep River only.
2895	Smith, Wm. E.	"	Ottumwa	Eddyville	—, —, —	
2897	Schlegel, Carl E.	Graduate	Davenport		—, —, —	
2898	Stoddard, F. S.	By examination.	Jesup		—, —, —	
30	Turtle, Will G.	Without examin.	Mediapolis		—, —, —	Sold out, forfeited.
32	Turtle, Fred. C.	"	Mediapolis		1882, 83, —, —	Removed.
38	Tomlinson, Mahlon	"	Salem		1882, 83, 84, 85	
78	Tharp, David	"	Promise City	Wirt	1882, 83, —, —	Delinquent 2 years.
148	Trout, A. W.	"	Quasqueton	Perry	1882, 83, 84, 85	
168	Trullinger, W. B.	"	Farragut		1882, 83, 84, 85	



ABSTRACT—CONTINUED.

Number of certificate.	NAME.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
227	Thormann, Fred. G.	Without examin.	Dubuque		1882, 83, 84, 85	
250	Townley, Henry C.	"	Allerton			Dead.
251	Townley, R. D.	"	Allerton		1882, —, —, —	Revoked.
263	Templeton, H. M.	"	Ames		1882, —, —, —	Retired; forfeited.
293	Thormahlen, Henry	"	Boone		1882, 83, 84, 85	
314	Torrence, F. G.	"	Birmingham		1882, 83, 84, 85	
397	Talcott, J. S.	"	Conway		1882, 83, 84, 85	
398	Twining, J. L.	"	Corning		1882, 83, 84, 85	
399	Twining, E. T.	"	Corning		1882, 83, 84, —	Delinquent 1 year.
401	Tremaine, Julius N.	"	Creston		1882, 83, —, —	Delinquent 2 years.
402	Toms, George W.	"	Marion		—, —, —, —	Forfeited.
421	Torbert, W. H.	"	Dubuque		1882, 83, 84, 85	
424	Tapper, John G.	"	Dayton		1882, —, —, —	Forfeited.
498	Trueblood, John.	"	Earlham		1882, 83, 83, 85	
553	Tomblin, Eugene S.	"	Emerson		1882, 83, 84, 85	
574	Therme, John L.	"	Farmington		1882, 83, 84, 85	
598	Trimble, A. Y.	"	Greene		—, —, —, —	Forfeited.
625	Teague, Albert E.	"	Greenfield		1882, 83, 84, 85	
656	Tabor, B. W.	"	Independence		1882, 83, 84, 85	
657	Tabor P.	"	Independence		1882, 83, 84, 85	
658	Tabor, S. J. W.	"	Independence		1882, 83, 84, 85	
735	Tinsley, John W.	"	Exira		—, —, —, —	Forfeited.
750	Thompson, Chas. H.	"	Le Mars		—, —, —, —	Forfeited.
842	Thompson, E. M.	"	Monticello		1882, —, —, —	Superseded by 2500.
860	Truax, G.	"	Maquoketa		1882, 83, 84, 85	
862	Taber, Edward O.	"	Malcom		—, —, —, —	Forfeited.
894	Thompson, Thos. W.	"	Mason City		1882, 83, 84, 85	
913	Truax, Charles H.	"	Maquoketa	Cedar Rapids.	—, —, —, —	Superseded by 1859.
938	Troy, Samuel S.	"	Nashua		1882, —, —, —	Forfeited.

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970	Teale, Thos.	Without examin.	Lamoni		1882, 83, 84, —	Sold out.
984	Taylor, Richard A.	"	Burlington		1883, 83, 84, 85	
1001	Taylor, James L.	"	Ottumwa		—, —, —, —	Dead.
1003	Taylor, Janet A.	"	Ottumwa		1882, —, —, —	Dead.
1005	Taylor, Chas. O.	"	Ottumwa		1882, 83, 84, 85	
1086	Topping, Chas. A.	"	Richmond		—, —, —, —	Superseded by 2294.
1166	Fathwell, Edwin E.	"	Martelle		1882, 83, 84, 85	
1176	Thorp, Edward L.	"	Shellrock		1882, 83, 84, 85	
1199	Treat, Joseph A.	"	Stuart		—, —, —, —	Superseded by 1783.
1217	Fodd, George W.	"	Shelby		—, —, —, —	Retired. Forfeited.
1279	Toovey, William	"	Victor		1882, 83, 84, 85	
1861	Feed, George W.	"	Webster City		1882, 83, 84, 85	
1427	Thomas, Camp	"	Fort Madison		—, —, —, —	Superseded by 1851.
1432	Tornblom, A. L.	"	Nevada	Boone	1882, 83, 84, 85	
1570	Tipton, J. C.	"	Elkader		1882, —, —, —	Forfeited.
1591	Ticknor, Fred S.	"	Westerville	Grand River	1882, 83, —, —	Delinquent 2 years.
1592	Thomas, A. B.	"	Gilbert Station		—, —, —, —	Forfeited.
1612	Tidrick, L. M.	"	Winterset		1882, 83, 84, 85	
1613	Tidrick, George C.	"	Des Moines		—, —, —, —	Out of bus. Forft'd.
1694	Thompson, J. C.	By examination.	Ottumwa	Marshalltown.	1882, 83, 84, —	Delinquent 1 year.
1703	Thoma, Louis	"	Fairfield		1882, 83, 84, 85	
1733	Tower, Hannibal	Without examin.	Fort Atkinson		1882, 83, 84, 85	
1763	Furner, J. S.	"	Atalisa		1882, 83, —, —	Delinquent 2 years.
1828	Thompson, A. M.	"	Mason City		1882, 83, —, —	Delinquent 2 years.
1778	Tiedmann, Julius F.	"	Davenport		—, —, —, —	Left place. Forft'd.
1783	Treat, Jos. A.	By examination.	Stuart		1882, 83, 84, 85	
1844	Fripp, W. G.	Without examin.	Charles City		1882, 83, 84, 85	
1851	Thomas, Camp	By examination.	Fort Madison		1882, 83, 84, 85	
1859	Thompson, Thomas W.	"	Mason City	Ruthven	1882, 83, 84, 85	
1867	True, C. E.	"	Avoca	Dunlap	1882, 83, 84, —	Delinquent 1 year.
1883	Tays, R. L.	"	Bradyville		1882, —, —, —	In Kansas.
1936	Tidd, C. H.	"	Geneva		1882, 83, 84, 85	
1942	Tiarks, Herman	"	Monticello		1882, 83, 84, 85	
1956	Townsend, A. R.	Without examin.	Boone	Marshalltown.	1882, 83, 84, 85	
1969	Peal, Cornelius	"	Ruthven	Orchegedan	1882, 83, 84, 85	
1991	Tobler, Charles J.	By examination.	Dubuque		—, —, —, —	Delinquent 4 years.
2076	Taylor, J. L.	"	Fairbank	Hazleton	1882, —, —, —	Now at Omaha, Neb.
2119	Toms, J. M.	"	Marion		—, —, —, —	Delinquent 4 years.
2124	Trotter, W. B.	"	Newton	Colfax	1882, 83, 84, —	Delinquent 1 year.



ABSTRACT—CONTINUED.

Number of certificate.	NAMES.	How regis-tered.	Place of regis-tration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
2159	Thompson, C. D.	By examination.	Liscomb		1882, 83, —, —	Delinquent 2 years.
2223	Thompson, W. W.	"	Luzerne	Belle Plaine	1882, 83, 84, 85	
2236	Tyler, L. G.	"	Dunlap		1882, 83, 84, 85	
2239	Throckmorton, T. M.	"	Derby		1882, 83, 84, 85	
2275	Thompson, Carey W.	"	Webster City		1882, 83, —, —	Now in Colorado.
2349	Totten, Albert H.	"	Sheldon		—, —, —, —	Not in business.
2352	Temple, James	"	Britt		1882, 83, 84, 85	
2294	Topping, C. A.	"	Defiance		1882, 83, 84, 85	
2463	Tiffany, O. M.	"	Union		1883, 84, 85	Now in Illinois.
2474	Thompson, E. C.	"	Marne		1883, 84, 85	
2490	Thompson, F. M.	"	Rock Rapids		1883, 84, 85	
2500	Thompson, Charles H.	"	Le Mars		1883, 84, 85	
2518	Thorson, Nels.	"	Northwood		1883, 84, 85	
2529	Townsend, James M.	"	Shellsburg		1883, 84, 85	
2563	Tyler, Oscar D.	"	Lenox		1883, 84, 85	
2577	Tate, John C.	"	Malcom	Des Moines	1883, —, —, —	Out of business.
2656	Turner, L. C. S.	"	Greencastle	Colfax	1884, 85	
2682	Torok, Sandor	"	Fort Madison		—, —, —, —	Left the State.
2700	Todd, W. H.	"	Van Wert		1884, 85	
2708	Todd, C. E.	"	Attica		1884, 85	
2760	Thompson, George A.	"	Tipton		1885	
2763	Thompson, A. O.	"	Des Moines	Columbus Junc	1885	
2768	Tobey, E. F.	"	Green Mount	Applington	—	Out of business.
2785	Thomas, G. H.	"	Sheffield		1885	
2802	Trumbull, Ira F.	"	Adair		1885	
2828	Townsend, Isaac L.	"	Des Moines	Perry	1885	
994	Udell, Adison S.	Without examin.	Ottumwa		1882, 83, 84, 85	
1657	Underwood, T. I.	"	Blanchard		—, —, —, —	Forfeited.

1854	Urquhart, W. J.	By examination.	Burlington		—, —, —, —	Delinquent 4 years.
1944	Utecht, P.	Without examin.	Ottumwa		—, —, —, —	Dead.
2373	Underwood, J. M.	By examination.	Grand Junction	Battle Creek	1883, 84, ..	Dead.
2225	Upson—Rosa K. Martin	"	Marshalltown	See Rosa Mart'n	1882, 83, 84, 85	Marr'd name Upson.
2816	Ulrich, Frank X.	"	Lyons		1885	
52	Van Leuven, Jr., G. M.	Without examin.	Lime Springs		—, —, —, —	Superseded by 2357.
294	Van Meter, James G.	"	Belle Plaine		1882, 83, 84, 85	
400	Van Wagener, Eli	"	Corning		1882, 83, 84, —	Delinquent one year.
458	Vogt, Wm. J.	"	Dubuque	Le Mars	1882, 83, 84, 85	
494	Voorhees, C. P.	"	Villisca		—, —, —, —	Left place; forfeited.
610	Vogel, John R.	"	Guttenberg		1882, 83, 84, 85	
694	Van Werden, G. W.	"	Keokuk		1882, —, —, —	Forfeited.
718	Van Valkenberg, B. J.	"	Earlville	Prairieburg	1882, 83, 84, —	Delinquent one year.
827	Van Cise, Isaac P.	"	Mt. Pleasant		1882, 83, 84, 85	
966	Van de Voort, J. H.	"	Gilman		1882, 83, 84, 85	
967	Van de Voort, S. H. B.	"	Gilman		1882, 83, 84, 85	
977	Vittetoe, Hiram C.	"	Harper		1882, 83, 84, 85	
1035	Vanderley, John	"	Osceola	Hopeville	1882, 83, 84, 85	
1061	Van de Ven, H. J.	"	Pella		1882, 83, 84, 85	
1062	Van de Ven, H.	"	Pella		1882, 83, 84, 85	
1064	Van Sittert, Wm.	"	Pella		—, —, —, —	Forfeited.
1354	Vaughan, Chas. W.	"	Williams		—, —, —, —	Forfeited.
1406	Van Evera, Wallace	"	Maquoketa		1882, 83, 84, —	Sold out.
1470	Vincent, W. A.	"	Webster City		—, —, —, —	Forfeited.
1623	Virden, A. E.	"	Hillsboro		1882, 83, —, —	Delinquent 2 years.
1910	Venstrand, Peter	By examination.	Red Oak		1882, —, —, —	Now at Omaha, Neb.
2047	Van Ness, Isaac T.	"	Minden	Neola	1883, 84, 85	
2175	Van Schaack, C. P.	"	Ft. Madison		1882, —, —, —	Left the State.
2323	Van Werden, Louis	"	Leon		1882, 83, 84, 85	
2357	Van Leuven, Jr., Geo. M.	"	Lime Springs		1882, 83, 84, 85	
2508	Vaughan, E. A.	"	McGregor		1883, 84, 85	Now in Wisconsin.
2526	Vradenburg, H. L.	"	Manchester		1883, 84, —	Now in Illinois.
2793	Vinsnes, Paul	"	Roland		1885	
2840	Vance, C. E.	"	Wilton		1885	
2851	Varner, T. H.	"	Angus		—, —, —, —	
6	Wade, Wm. L.	Without examin.	Breda		—, —, —, —	Forfeited.
19	Woods, Josiah	"	Wiota		1882, —, —, —	Out of bus.; forfeit'd.



ABSTRACT—CONTINUED

Number of certificate.	NAMES.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
40	Webb, Jno. B.	Without examin.	De Witt.		1882, 83, 84, 85	
43	Wells, Lewis	"	Des Moines		1882, 83, —, —	Revoked.
65	Welch, A. C.	"	Nugent's Grove	Prairieburg	1882, 83, 84, 85	
71	White, Wyllys P.	"	Volga			Superseded by 1857.
75	Widmann, Philip	"	Marshall			Dead.
76	Walgamot, A. R.	"	Fairbank		1882, 83, 84, 85	
92	Waterman, G. F.	"	Macedonia	Oto	1882, 83, 84, 85	
141	White, Harva	"	Blanchard		1882, —, —, —	Forfeited.
154	Wolfe, D. L.	"	West Point		—, —, —, —	Forfeited.
155	Wallace, T. B.	"	Morrison		1882, 83, 84, 85	
156	Wills, D. H.	"	Iconium	Moravia	1882, 83, 84, 85	
174	Weidner, S. S.	"	Memory		1882, —, —, —	Forfeited.
180	West, Joseph D.	"	Red Rock		—, —, —, —	Forfeited.
201	Wilson, R. B.	"	Rose Hill	Bedford	1882, 83, 84, 85	
208	Welsh, Geo. H.	"	Boone		1882, 83, 84, 85	
217	Willits, J. H. V.	"	Bangor	Zearing	1882, 83, 84, 85	
225	Welton, Hiram	"	Butlerville		1882, 83, 84, 85	
235	Wailes, L. C.	"	Steele	Plano	1882, 83, 84, 85	
252	Wegener, Joseph	"	Arcadia		1882, 83, 84, 85	
257	Wilken, R. D.	"	Atlantic		1882, 83, 84, 85	
284	Watson, J. A.	"	Atlantic			Dead.
298	Wynkoop, B. B.	"	Bellevue		1882, 83, 84, 85	
362	Witt, Richard F.	"	Clinton		1882, 83, 84, —	Left State, forfeited.
403	Wellman, Z. A.	"	Cherokee		1882, 83, 84, 85	
404	Wise, Chas. A.	"	Cedar Falls		18-2, 83, 84, 85	
407	Woodbury, Geo.	"	Garden Grove		1882, 83, 84, 85	
408	Woodbury, G. J.	"	Garden Grove		1882, 83, 84, 85	
409	Williams, D. A.	"	Council Bluffs		—, —, —, —	Forfeited.
411	Wilson, L. L.	"	Center Point		1882, 83, 84, 85	

412	Wilson, G. L.	Without examin.	Center Point		1882, 83, 84, 85	
415	Walker, S. B.	"	Calamus		1882, 83, 84, 85	
442	Weaver, Charles A.	"	Des Moines			Superseded by 1938.
450	Wunderlich, George W.	"	Dubuque		1882, 83, 84, 85	
484	Word, James H.	"	Bartlette	Northboro	1882, 83, 84, 85	
496	Weaver, John A.	"	Des Moines		1882, 83, 84, 85	
528	Walker, William A.	"	Ainsworth		1882, 83, 84, 85	
532	Waterbury, S. E.	"	Fayette		1882, 83, 84, 85	
556	Wolfgang, Al. J.	"	Emmetsburg		1882, 83, 84, 85	
565	Williams, Thomas J.	"	Eddyville	Kirkville	1882, 83, 84, 85	
579	Whitley, Lyman	"	Fulton		—, —, —, —	Forfeited.
583	Ward, Jesse A.	"	Fairbank	Walker	1882, 83, 84, 85	
606	Ward, Joseph A.	"	Gilman		1882, 83, 84, 85	
607	Ward, William J.	"	Gilman		1882, 83, 84, 85	
623	Whitney, Erwin F.	"	Grinnell	Des Moines	1882, 83, 84, 85	
630	Williamson W. R.	"	Hopkinton		1882, 83, 84, 85	
631	Walters, Samuel H.	"	Hailan		1882, 83, 84, 85	
632	Worth, Fordyce	"	Hesper		1882, 83, 84, 85	
626	Way, James R.	"	Hillsdale		1882, 83, 84, 85	
659	Wakefield, James I.	"	Spring Hill		1882, —, —, —	Forfeited.
663	Wallace, C. R.	"	Independence		1882, 83, 84, 85	
674	Wetherel, Frank D.	"	Knoxville	Mason City	1882, 83, 84, 85	
675	Woodruff, M. W.	"	Knoxville		1882, 83, 84, 85	
682	Wilson, Robert R.	"	Keokuk		1882, 83, 84, —	Dead.
689	Wilkinson, A. J.	"	Keokuk		1882, 83, 84, 85	
693	Woodford, H. E.	"	Morning Sun	Yarmouth	1882, 83, —, —	Delinquent 2 years.
698	Wright, Wm. M.	"	Keota			Superseded by 2203.
710	Wright, Orson E.	"	Big Rock		1882, 83, 84, 85	
712	Wilson, John F.	"	Centre Point		—, —, —, —	Dead.
717	Wamberg, John J.	"	Decorah		—, —, —, —	Forfeited.
752	Warner, Ichabod	"	Libertyville		1882, 83, 84, 85	
788	Williams, James C.	"	Cromwell		1882, 83, —, —	Sold out
799	Weiser, Emelius I.	"	Decorah		1882, 83, 84, 85	
811	Weller, Wm. L.	"	Cedar Rapids		1882, 83, 84, 85	
816	Wright, S. W.	"	Centerville		1882, 83, 84, 85	
824	Willsey, Alamando	"	Monroe		1882, 83, —, —	Forfeited.
851	Wright, Henry M.	"	Morning Sun		—, —, —, —	Forfeited.
881	Wood, Annie L.	"	McGregor		1882, 83, 84, 85	
882	Williams, E. J.	"	Mapleton		—, —, —, —	Forfeited.



ABSTRACT—CONTINUED.

Number of certificate.	NAMES.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
886	Ward, Thomas.....	Without examin.	Montrose.....	.....	1882, 83, 84, 85	
887	Williamson, Elisha T.....	"	Montrose.....	Montrose.....	1882, 83, 84, 85	
904	Wood, Geo. C.....	"	McGregor.....	Rock Rapids...	1882, 83, 84, —	Delinquent 1 year.
906	Wilcox, C. D.....	"	Maquoketa.....	.....	1882, —, —, —	Forfeited.
927	Weaver, A. R.....	"	Chapin.....	.....	1882, 83, 84, 85	
928	Weaver, Sylvester P.....	"	Chapin.....	.....	1882, 83, 84, 85	
946	Wulfsberg, O. R.....	"	Northwood.....	Decorah.....	1882, 83, 84, 85	
945	Wilson, O. R.....	"	Northwood.....	.....	1882, 83, 84, 85	
954	Wilson, Frank R.....	"	New London.....	.....	1882, 83, 84, 85	
979	Ward, C. H.....	"	Des Moines.....	.....	1882, 83, 84, 85	
980	Ward, Milo W.....	"	Des Moines.....	.....	1882, 83, 84, 85	
986	Wheaton, M. S.....	"	Hazleton.....	.....	1882, 83, 84, 85	
1012	Wilson, Archie C.....	"	Oelwein.....	.....	.....	Superseded by 1930.
1022	Walker, M. K.....	"	Otley.....	Des Moines.....	1882, 83, 84, 85	
1039	Wells, Will A.....	"	Oskaloosa.....	.....	1882, 83, 84, 85	
1047	Willis, Arthur E.....	"	Perry.....	.....	1882, 83, 84, 85	
1048	Weaver, Cyrus A.....	"	Perry.....	Sioux City...	1882, 83, 84, 85	
1092	Wilson, Jas. B.....	"	Randolph.....	.....	1882, 83, 84, 85	
1113	Wyant, Eli M.....	"	Cedar Falls.....	Waterloo.....	1882, 83, 84, 85	
1121	Wick, Rollin E.....	"	Cedar Falls.....	New Hartford.	1882, 83, 84, 85	
1139	Winchester, S. G.....	"	Eldora.....	.....	1882, 83, 84, 85	
1145	Whistler, Levi.....	"	Harper.....	.....	.....	Forfeited.
1184	Williams, Ed. B.....	"	Strawberry Point.....	.....	1882, 83, 84, 85	
1219	Waite, R. H.....	"	Steamboat Rock....	Marshalltown..	1882, 83, 84, 85	
1241	Webster, Josiah C.....	"	Shenandoah.....	.....	1882, 83, 84, 85	
1251	Warren, Thos. E.....	"	Tama City.....	.....	.....	Forfeited.
1262	Woolley, Erastus M.....	"	Traer.....	.....	1882, 83, 84, 85	
1263	Williams, David M.....	"	Tabor.....	.....	1882, 83, 84, 85	
1268	Wyman, J. H.....	"	Unionville.....	.....	1882, 83, 84, 85	

1310	Withrow, W. H.....	Without examin.	Woodbine.....	Council Bluffs.	1882, 83, 84, 85	
1314	Wiard, W. F.....	"	Walnut.....	.....	.....	Superseded by 2377.
1315	Walters, Jerry.....	"	Walnut.....	.....	1882, 83, —, —	Forfeited.
1316	Williams, W. L.....	"	Walnut.....	.....	1882, 83, —, —	Forfeited.
1322	White, Fred. W.....	"	West Union.....	West Union...	1882, 83, 84, 85	
1338	Wangler, Conrad D.....	Graduate.....	Waterloo.....	.....	1882, 83, 84, 85	
1339	Wangler, C.....	Graduate.....	Waterloo.....	.....	1882, 83, 84, 85	
1346	Wintrode, John.....	Without examin.	Winterset.....	.....	.....	Forfeited.
1321	White, Albert K.....	"	West Union.....	.....	1882, 83, 84, 85	
1372	Witte, John H.....	"	Burlington.....	.....	1882, 83, 84, 85	
1378	Warren, Alfred.....	"	Casey.....	.....	1882, 83, 84, —	Delinquent one year.
1393	Ward, Frances E.....	"	Greeley.....	.....	1882, 83, —, —	Left the town.
1408	Will, George.....	"	Marshalltown.....	.....	1882, 83, 84, ..	Dead.
1412	Warner, M. O.....	"	Manchester.....	.....	.....	Superseded by 2185.
1416	Wells, Charles L.....	"	Oskaloosa.....	.....	.....	Forfeited.
1425	Williams, Frank J.....	"	St. Ansgar.....	.....	1882, 83, 84, 85	
1436	Weber, Henry G.....	"	Atlantic.....	.....	1882, 83, 84, 85	
1442	Wonnenberg, Otto C.....	"	Independence.....	Jamesto'n, Dak	1882, —, —, —	Forfeited.
1449	Werthmuller, George.....	"	Burlington.....	.....	.....	Died.
1451	Ward, Elizabeth E.....	"	Greeley.....	.....	1882, —, —, —	Forfeited.
1503	Whetstone, John H.....	"	Iowa City.....	.....	1882, 83, 84, 85	
1519	Waynick, Wyatt W.....	"	Chariton.....	.....	1882.....	Superseded by 2244.
1520	Waynick, H. J.....	"	Chariton.....	.....	1882, 83, 84, 85	
1526	West, Alex M.....	"	Carlisle.....	.....	.....	Forfeited.
1533	Williams, C. A.....	"	Mooreville.....	.....	1882, 83, 84, 85	
1537	Wiese, Henry P.....	"	Burlington.....	.....	1882, 83, 84, 85	
1551	Wood, Thomas W.....	"	McGregor.....	.....	1882, 83, 84, 85	
1553	Walker, John T.....	"	Ida Grove.....	.....	1882, 83, 84, 85	
1565	Wigert, Carl R.....	"	Burlington.....	.....	1882, 83, 84, 85	Retired.
1593	Walsh, John.....	"	Raymond.....	.....	1882, 83, 84, —	Delinquent one year.
1594	Wilson, J. C.....	"	New Virginia.....	.....	1882, 83, 84, 85	
1595	Wilson, J. H.....	"	New Virginia.....	.....	1882, 83, 84, 85	
1610	Walsh, E. E.....	"	Raymond.....	.....	.....	Forfeited.
1618	Wall, Thomas M.....	"	Weldon.....	.....	.....	Forfeited.
1624	Weeks, A. J.....	"	Correctionville.....	.....	1882, 83, 84, 85	
1625	Weeks, J. E.....	"	Correctionville.....	.....	1882, 83, 84, 85	
1652	White, Perry G.....	"	Lime Springs.....	.....	1882, 83, 84, —	Delinquent 1 year.
1671	Walterscheidt, Charles.....	By examination..	Carroll City.....	.....	1882, 83, —, —	Delinquent 2 years.
1683	Wells, Willis C.....	"	Fairfield.....	Cambridge.....	1882, 83, —, —	Delinquent 2 years.



ABSTRACT—CONTINUED.

Number of certificate.	NAME.	How registered.	Place of registration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
1707	Wheeler, J. M.	By examination.	Hillsdale		1882, —, —, —	Delinquent 3 years.
1735	Way, L. H.	Without examin.	Pattersonville		—, —, —, —	Forfeited.
1745	Wilson, Geo. W.	"	Tipton		—, —, —, —	Forfeited.
1749	Wakefield, T. J.	"	Griswold	Griswold	1882, 83, 84, 85	
1753	Wheeler, J. C.	"	Knoxville		—, —, —, —	Left town, forfeited.
1758	Walter, J. D.	"	Darwin		—, —, —, —	Forfeited.
1761	Whiteside, John H.	"	Reno		—, —, —, —	Left town, forfeited.
1764	Wright, B. A.	"	Rock Falls	Brandon	1882, 83, 84, 85	
1766	Walker, I. H.	"	Quincy	Quincy	1882, 83, 84, 85	
1767	Webb, N. H.	"	Hesper		1882, 83, 84, 85	
1771	Wilson, J. N.	"	Sumner		1882, 83, 84, 85	
1777	Wright, Geo. J.	"	Waubeck	Springville	1882, 83, 84, 85	
1779	Woodford, C. W.	"	Yarmouth		1882, —, —, —	Out of bus., forfeit.
1796	Wuest, Albert	By examination.	Tripoli		1882, 83, 84, 85	
1806	Whitaker, Wm. H.	Without examin.	Le Claire		1882, 83, 84, —	Gone to Colorado.
1825	Wells, John S.	"	Riceville			Dead.
1827	Webber, C. J.	"	Cresco			Superseded by 2171.
1829	Wheat, J. G.	"	Callanan	Jewell Junct'n.	1882, 83, 84, 85	
1857	White, Wyllys P.	By examination.	Volga City		1882, 83, 84, 85	
1900	Wiebenson, Ed. J. L.	"	Gladbrook		1882, 83, 84, 85	
1908	Wolfgang, W. E.	"	Emmetsburg		—, —, —, —	In Dakota.
1912	Wheeler, Geo. E.	"	Cedar Rapids		1882, 83, —, —	Sold out.
1918	Westveer, Henry	"	Anamosa	Eagle Grove	1882, 83, 84, 85	
1930	Wilson, Archie C.	"	Oelwein		1882, 83, 84, 85	
1937	Woodbridge, M. L.	"	Nashua		1882, 83, 84, 85	
1938	Weaver, Chas. A.	"	Des Moines		1882, 83, 84, 85	
1960	Weaver, Eli	Without examin.	Des Moines		1882, —, —, —	Out of bus., forfeit.
1972	Waight, Wm. F.	Graduate	Lenox			Superseded by 2222.
1984	Westbrook, M. H.	By examination.	Lyons		1882, 83, 84, 85	

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1986	Wolfe, Horace G.	By examination.	Jesup		1882, —, —, —	Gone to Dakota.
2025	Wrede, Theodore	Graduate	Denison	Remsen	1882, 83, 84, 85	
2077	Watkins, Thomas J.	By examination.	Lineville		1882, 83, 84, —	Gone to Nebraska.
2089	Widener, Wm. M.	"	Sioux Rapids		1882, 83, 84, —	Gone to Nebraska.
2092	Westbrook, E. M.	"	Breda	Churdan	1882, 83, 84, 85	
2094	Wood, Dexter L.	"	Strawberry Point		1882, 83, 84, 85	
2104	Wood, W. W.	"	Des Moines		1882, 83, 84, 85	
2105	Wittmer, J. W.	Graduate	Dubuque		1882, —, —, —	Forfeited.
2110	Welch, Jas. H.	Without examin.	Belle Plaine		1882, —, —, —	Forfeited.
2145	Warren, Henry V.	By examination.	Marion		1882, 83, 84, —	Delinquent 1 year.
2146	Wilkins, Geo. S.	"	Delta		—, —, —, —	Delinquent 4 years.
2151	Wheeler, Welles	"	Dunlap	Dow City	1882, —, —, —	Delinquent 3 years.
2171	Webber, Chas. J.	"	Cresco		1882, 83, 84, —	Removed.
2185	Warner, Mellville O.	"	Ft. Madison		1882, —, —, —	Out of business.
2203	Wright, W. M.	"	Keota	Correctionville	1882, 83, 84, 85	
2207	Westbrook, C. H.	"	Arcadia		1882, 83, 84, 85	
2222	Waight, Wm. F.	"	Lenox		1882, 83, 84, 85	
2244	Waynick, W. W.	"	Chariton		1883, 84, 85	
2255	Ward Alfred G.	"	Fairfield		1882, —, —, —	Out of business.
2278	Wilson, M. G.	"	Oelwein	Walker	1882, 83, 84, 85	
2282	Wilson, Joseph H.	"	Delta	Rose Hill	1882, 83, 84, —	In Missouri.
2334	Williams, W. L.	"	Mondamin		1882, 83, —, —	Dead.
2312	Ward, Elmer E.	"	Des Moines	Irwin	1882, 83, —, 85	Out of business.
2377	Wiard, W. F.	"	New Virginia		—, —, —, —	Delinquent 3 years.
2390	Wood, C. E.	"	Dubuque		—, —, —, —	Retired.
2404	Williams, W. E.	"	Newell		—, —, —, —	Left the place.
2407	Wilson, Jesse G.	"	Barnes City		1883, 84, 85	
2410	Warren, Albert S.	"	Greencastle		1883, —, —, —	Delinquent 2 years.
2423	Waterman, Alfred	"	West Side		—, —, —, —	Out of business.
2426	Warren, J. N.	"	Storm Lake	Sioux City	1883, —, —, —	Out of business.
2429	Wright, Charles B.	"	Council Bluffs		—, —, —, —	Left the place.
2438	Wade, R. M.	"	Farley	Masonville	—, —, 85	
2478	Warr, John E.	"	Mitchellville		1883, 84, 85	
2486	Wentworth, E. G.	"	Centerville	Essex	1883, 84, 85	
2491	Worley, John James	"	Council Bluffs	Villisca	1883, 84, 85	
2495	Woods, Isaac W.	"	Henderson		1883, —, —, —	Out of business.
2503	Weaver, William C.	"	Shelby		1883, 84, 85	
2570	Wells, Miss Mame W.	"	Cantrill		1883, 84, 85	
2606	Webb, Vernon S.	"	Eldora	Hawkeye	1884, 85	

1886.]

STATE PHARMACY REGISTER.

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ABSTRACT—CONTINUED.

Number of certificate.	NAMES.	How regis-tered.	Place of reg-istration.	Last reported address.	CERTIFICATE RENEWED FOR.	REMARKS.
2615	Woods, Frank A.	By examination.	Malcom.		1884, 85	
2616	Wheaton, Charles	"	Davenport.		1884, 85	
2647	Ward, Perry.	"	Waverly.		1884, 85	
2661	Wright, Charles E.	"	New Sharon.	Sully.	1884, 85	
2666	Wilder, John J.	"	Early.	Kingsley.	1884, 85	
2674	Wells, George E.	"	Buffalo.		1884, 85	
2693	Will, F. J.	"	Jewell Junction.		1884, 85	
2705	Walk, Henry M.	"	Belle Plaine.		1884, 85	
2719	Worley, Joshua.	"	Knoxville.		1885	
2746	Wright, La Fayette D.	"	Mt. Pleasant.		1885	
2755	Woibell, Theo.	"	What Cheer.		1885	
2765	Wright, R. C.	"	Angus.		1885	
2791	West B. F.	"	Le Claire.		1885	
2819	Wilcox, John F.	"	Lehigh.		1885	
2825	Waldburger, J. C.	"	Dayton.		1885	
2841	Warner, C. L.	"	Jamaica.		1885	
2848	White, Ira.	"	Independence.			
2852	Wallace, Arthur H.	"	Ottumwa.			
2859	Wilson, J. E.	"	Watkins.			
2866	Wolf, Hugo.	"	Rock Rapids.			
2879	Wyckoff, Will C.	"	Lucas.			
2884	Watkins, Ed. H.	"	Marshalltown.			
2886	Wiley, C. R.	"	Burlington.			
2890	Wyckoff, E. E.	"				
344	Young, W. N.	Without examin.	Council Bluffs.		1882, 83, 84, 85	
805	Young, W. B.	"	Knoxville.		1883, 84, 85	
806	Young, O. P.	"	Knoxville.	Battle Creek.	1882, 83, 84, 85	
855	Young, B. F.	"	Manson.		1882, 83, 84, 85	
1460	Yetter, Daniel M.	Without examin.	West Branch.		1882, —, —, —	Forfeited.
1560	Yount, Chas. E.	"	Colfax.		—, —, —, —	Forfeited.
1567	Young, James G.	"	Knoxville.		1882, 83, 84, 85	
1600	Young, C. C.	"	Spring Hill.		—, —, —, —	Forfeited.
1963	Young, Will G.	By examination.	Dexter.		1882, 83, 84, 85	
2573	Young, William M.	"	Bayard.		1883, 84, 85	
2594	Young, George M.	"	Linden.		1883, 84, 85	
2698	Yockey, Clement C.	"	Danbury.		1884, 85	
109	Zimmerman, D.	Without examin.	Reasnor.			Superseded by 2319.
413	Zern, S. D.	"	Corydon.		1882, 83, 84, 85	
1382	Ziepprecht, H.	"	Dubuque.		1882, 83, 84, 85	
1384	Ziepprecht, Conrad.	"	Dubuque.		1882, 83, —, —	Dead.
1647	Zeising, Charles A.	"	Moscow.		1882, 83, 84, 85	
1715	Zoller, Harry S.	"	Oranto Station.		—, —, —, —	Retired; forfeited.
2157	Zimmerman, J. W.	By examination.	Creston.		1882, 83, —, —	Dead.
2319	Zimmerman, David.	"	Dunreath.		1882, 83, 84, —	Delinquent 1 year.
2787	Zerr, Francis.	"	Sioux City.	Keokuk.	1885	



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CERTIFICATE.

STATE OF IOWA, }  
OFFICE OF SECRETARY OF THE COMMISSIONERS OF PHARMACY. }

I, CHAS. A. WEAVER, Secretary of the Commissioners of Pharmacy for the State of Iowa, hereby certify that the forgoing abstract from the State Pharmacy Register is copied from the original book on file in this office, and that the same is true and correct.

In testimony whereof, I have hereunto set my hand and affixed the seal of the Iowa Commission of Pharmacy.

Done at Des Moines, the Capital of the State, this 1st  
[SEAL.] day of September, A. D., 1885.

CHAS. A. WEAVER, *Secretary.*



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STATE PHARMACY REGISTER  
181

Of the number of active Registered Pharmacists in Iowa whose certificates were in force Sept. 1, 1885, 1,843 were reported for 1885 there were 1,843.

Number reported since March 22, 1885.

### SYNOPSIS OF STATE PHARMACY REGISTER.

Whole number of certificates issued to September 1, 1885.....	2,906																
Of this number, there were issued to those who were in business at the passage of the law, without examination, having a green seal.....1,839																	
Number issued to graduates, without examination, having a red seal.....	33																
Number issued to those who passed an examination, having a gold seal.....	1,034																
	2,906																
Number whose certificates have been re- voked.....	<table border="0"> <tr> <td>Green seal.....</td> <td>11</td> </tr> <tr> <td>Red seal.....</td> <td>7</td> </tr> <tr> <td>Gold seal.....</td> <td>7</td> </tr> <tr> <td></td> <td style="text-align: right;">18</td> </tr> </table>	Green seal.....	11	Red seal.....	7	Gold seal.....	7		18								
Green seal.....	11																
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Gold seal.....	7																
	18																
Number of green and red seal certificates superseded by gold seal certificates (hav- ing subsequently passed an examination)..	<table border="0"> <tr> <td>Green seal.....</td> <td>67</td> </tr> <tr> <td>Red seal.....</td> <td>2</td> </tr> <tr> <td></td> <td style="text-align: right;">69</td> </tr> </table>	Green seal.....	67	Red seal.....	2		69										
Green seal.....	67																
Red seal.....	2																
	69																
Number of green and red seal certificates that have forfeited, having been out of bus- iness 2 years. (See section 4 of the law)..	<table border="0"> <tr> <td>Green seal.....</td> <td>413</td> </tr> <tr> <td>Red seal.....</td> <td>7</td> </tr> <tr> <td></td> <td style="text-align: right;">420</td> </tr> </table>	Green seal.....	413	Red seal.....	7		420										
Green seal.....	413																
Red seal.....	7																
	420																
Number of Registered Pharmacists reported dead.....	<table border="0"> <tr> <td>Green seal.....</td> <td>65</td> </tr> <tr> <td>Red seal.....</td> <td>20</td> </tr> <tr> <td>Gold Seal.....</td> <td>20</td> </tr> <tr> <td></td> <td style="text-align: right;">85</td> </tr> </table>	Green seal.....	65	Red seal.....	20	Gold Seal.....	20		85								
Green seal.....	65																
Red seal.....	20																
Gold Seal.....	20																
	85																
Number reported <i>retired</i> and out of business	<table border="0"> <tr> <td>Green seal.....</td> <td>31</td> </tr> <tr> <td>Red seal.....</td> <td>59</td> </tr> <tr> <td>Gold seal.....</td> <td>59</td> </tr> <tr> <td></td> <td style="text-align: right;">90</td> </tr> </table>	Green seal.....	31	Red seal.....	59	Gold seal.....	59		90								
Green seal.....	31																
Red seal.....	59																
Gold seal.....	59																
	90																
Number reported as having left the State...	<table border="0"> <tr> <td>Green seal.....</td> <td>25</td> </tr> <tr> <td>Red seal.....</td> <td>96</td> </tr> <tr> <td>Gold seal.....</td> <td>96</td> </tr> <tr> <td></td> <td style="text-align: right;">121</td> </tr> </table>	Green seal.....	25	Red seal.....	96	Gold seal.....	96		121								
Green seal.....	25																
Red seal.....	96																
Gold seal.....	96																
	121																
Number of Registered Pharmacists, <i>unre- ported</i> , either dead, out of business, left the State and delinquent, for.....	<table border="0"> <tr> <td>Green seal, 2 years</td> <td>44</td> </tr> <tr> <td>Green seal, 1 year</td> <td>37</td> </tr> <tr> <td>Red seal, 1 year..</td> <td>3</td> </tr> <tr> <td>Gold seal, 4 years</td> <td>19</td> </tr> <tr> <td>Gold seal, 3 years</td> <td>39</td> </tr> <tr> <td>Gold seal, 2 years</td> <td>38</td> </tr> <tr> <td>Gold seal, 1 year.</td> <td>50</td> </tr> <tr> <td></td> <td style="text-align: right;">260</td> </tr> </table>	Green seal, 2 years	44	Green seal, 1 year	37	Red seal, 1 year..	3	Gold seal, 4 years	19	Gold seal, 3 years	39	Gold seal, 2 years	38	Gold seal, 1 year.	50		260
Green seal, 2 years	44																
Green seal, 1 year	37																
Red seal, 1 year..	3																
Gold seal, 4 years	19																
Gold seal, 3 years	39																
Gold seal, 2 years	38																
Gold seal, 1 year.	50																
	260																
	1,063																
Number of active Registered Pharmacists in State Sept. 1, 1885.	1,843																
Against 2,000 as per last report of Dec. 31, 1885.																	



Of the number of active Registered Pharmacists whose certificates were in force Sept. 1, 1885, and renewed for 1885 there were..	} Green seal. . . . . 1,109	} Gold seal..... 659	} Red seal . . . . . 18	—	1,786					
						Number registered since March 22, 1885.....	} Red seal..... 4	} Gold seal..... 53	—	57

## ERRATA.

Page 61 in fourteenth line instead of "D. H. J. Gremm" read Dr. H. J. Gremm, and in fifteenth line instead of "H. W. Dodge" read H. W. Dodd.

Page 93, certificate number 637, instead of "superseded 2605" read superseded by 2605.

Page 97, certificate number 457, in renewal column instead of 1882, 83, read only 1882.

Page 112, certificate number 2262, for place of registration read Nassau not Nassua.

Page 114, read the number of O. E. Evans certificate 1430 instead of 1420.

Page 114, in registration column, read *without examination* to all the certificates numbered from 1052 down to 1645 inclusive.

Page 114, certificate number 1989, read *Geo. W. Espy* instead of "Geo. W. Espy;"

Page 114, certificate number 2008, read *Reasnor* (in address column) instead of "Reasoner."

Page 114, certificate number 1673, read renewed for 1882 and '83 instead of only 1882.

Page 115, read the number of Chas. M. Fuller's certificate 142 instead of 143.

Page 118, certificate number 306, read *Walham* instead of "Walnam."

Page 120, certificate number 1577, read *D. N. Goodell* instead of "Gooddell."

Page 121, certificate number 105, read *T. W. Hammer* instead of "M. J. Hammer."

Page 123, certificate number 510, read *Jas. T. Hockenbergh* instead of "Hockenbuag."

Page 124, certificate numbers 1187 and 1188, read *Hoskins* instead of "Haskins."

Page 135, certificate number 379, read *Jacob Loy, Jr.* instead of "Jacob Jr. Loy."

Page 136, certificate number 1386, read *R. H. Loucks* instead of "R. H. Louks."

Page 145, certificate number 2552, read *Villisca* in address column instead of "Valisca."

Page 147, certificate number 1717, read *Reasnor* in address column instead of "Reasoner."

Page 147, certificate number 2734, read *Nachtwey* instead of "Nachtway."



Page 149, read the number of W. G. Pitman's certificate 153.

Page 153, certificate number 2697, read *F. J. Patchin* instead of "*F. S. Patchin.*"

Page 155, certificate number 1344, read *Louden Rippey* instead of "*London Rippey.*"

Page 157, certificate number 2071, read *Sidney* in address column instead of "*Sidned.*"

Page 164, certificate number 1959, read *Howard B. Smith* instead of "*Howard D. Smith.*"

Page 167, read the number of J. L. Simcoke's certificate 2753 instead of 2754.

Page 169, certificate number 1969, read *Orcheyedan* instead of "*Orhegedan.*"

Page 110, certificate number 2817, S. W. Clark should read in remarks column conditional for Magnolia only.

# Second Annual Report

OF THE

## IOWA STATE

# BOARD OF DENTAL EXAMINERS,

FOR THE YEAR 1884.

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DES MOINES:

GEO. E. ROBERTS, STATE PRINTER.

1885.