

36 La. Clanche cups, 23 c.	\$ 8.28
200 La. Clanche zincs, 3 c.	6.00
50 lbs. sal ammonia, 8 c.	4.00
85 towels, 25 c.	29.75
Total invoice of material.....	\$ 2,281.41

REPORT

OF THE

Secretary of State

TO THE

GOVERNOR OF IOWA,

OF THE

Transactions of the Land Department,

July 1, 1897.

 G. L. DOBSON, Secretary of State.

 DES MOINES:
 F. R. CONAWAY, STATE PRINTER.
 1897.

REPORT.

OFFICE OF SECRETARY OF STATE, }
DES MOINES, IOWA. }

To His Excellency, Leslie M. Shaw, Governor of Iowa:

SIR—In compliance with the requirements of section 122, code of 1897, I have the honor of submitting to you herewith the report of the transactions of the land department of this office, for the biennial period, ending with June 30, 1899, together with such other information as is deemed of value and interest. The current work of the land department, such as issuing and recording conveyances, answering correspondence, making copies of field notes and plats of the United States surveys, making certified copies of records of conveyances, and, added to this class of labor, the exhibiting of records for the inspection of interested parties, etc., is sufficient to keep one clerk constantly employed.

This department deals with the lands the state has received under the various congressional grants, together with lands taken under foreclosure of mortgages given to secure loans of school fund, etc. There is still one government land office in Iowa, which office is located in Des Moines, all of the other government land offices having been discontinued, and their records turned over to the office in Des Moines, that office now having charge of all of the records relative to government land entries in Iowa. With the exception of a few hundred Des Moines river land patents, there are no original patents in the state land department for delivery. All patents issued by the state are delivered to the grantee free of charge.

Conveyances issued by the state are all of record in this office, and certified copies of the same can be furnished upon application for a reasonable fee. I have experienced some difficulty in trying to ascertain and prepare a complete list of the real estate which the state has acquired for the uses of our several state institutions and for other purposes; and I am convinced that all the deeds to the state, conveying real estate for any such public use or purpose, should be filed and preserved in this office, so that there would be no difficulty at any time to furnish a description of any such property.

Several years ago, the commissioner of the general land office furnished this office, for the use of the state of Iowa, with a complete set of photolithographic plats of all the congressional townships in the state, which were made from plats of the United States surveys. If these plats were mounted with cloth, and properly arranged in volumes of convenient size for reference, there would be less necessity for handling the original plats of government surveys which have become, like many of the record books, much worn from age and constant use.

These title records and plats of government surveys are of inestimable value to the state of Iowa. I deem it proper, therefore, to suggest that

these photo-plats be properly mounted and prepared for general use in the land department.

I have recently received, from the commissioner of the general land office, the field-notes and plat of a survey, made under the instructions of said commissioner, of lands formerly erroneously included with Lost Island lake, embracing portions of sections 19, 20, 29 and 30, in township 97, N., R. 34 W., and sections 25 and 36, in township 97, N., R. 35 west, containing in all, 1,230 acres. This survey was made by A. W. Barber, detailed clerk, in pursuance of a contract received from the commissioner of the general land office, ex-officio United States surveyor-general, bearing date of the 24th of March, 1898.

I have also received a communication from the commissioner, bearing date of June 15, 1899, transmitting an amended plat of sections 7, 8, 9, 16, 18, 19, 20 and 21 of township 97, N., R. 24 W., showing the right of way of the C., St. P., M. & O. Ry. through sections 9, 17 and 19 and fractional lots adjacent thereto.

A few certificates and patents for railroad and swamp lands are still occasionally received from the general government. The following statement briefly summarizes the transactions of the land department during the last biennial period, relating to conveyances by the state of the several classes of lands:

LANDS PATENTED.	ACRES.
Sixteenth section grant.....	5,962.105
Five hundred thousand acre grant.....	640.000
Mortgage school lands.....	576.370
University grant.....	None
Saline grant.....	None
Agricultural college grant.....	4,888.510
College farm lands.....	85.000
Cusey purchase (college lands).....	160.000
Swamp lands (in place).....	1,375.920
Swamp indemnity lands.....	240.000
Railroad lands.....	399.600
Total quantity patented.....	14,327.505
Also outlet No. 12, in Iowa City.	

From a careful examination of the land department records, I find that, of the lands belonging to the several grants to the state, there remains subject to patent the following acreage:

LANDS UNPATENTED.	ACRES.
Sixteenth section grant.....	24,313.875
Five hundred thousand acre grant.....	10,309.390
University grant.....	653.310
Saline lands grant.....	1,570.090
Agricultural college grant.....	6,985.770
Cusey purchase lands.....	1,093.160
Swamp and railroad lands.....	(Cannot be estimated.)
Total quantity unpatented (July 1, 1899.).....	44,925.615

The following exhibit shows the quantity of unsold school lands and University lands, as given in reports received from the county auditors, and from Lovell Swisher, treasurer of the State University at Iowa City:

LANDS UNSOLD.

	ACRES.
Sixteenth section grant.....	2,084.20
Five hundred thousand acre grant.....	160.00
University grant.....	653.31
Saline grant.....	1,570.09
University lands (donated and by foreclosure).....	800.00

Total quantity unsold (July 1, 1899)..... 5,217.60
Also, 36 town lots (mortgage school lands) unsold.

The number of patents issued during the last two years was 143, and the aggregate of 14,327.505 acres conveyed by the state.

FEES.

The fees received by this department during the two years ended June 30, 1899, for certified copies furnished, amounted to \$239.30, which have been paid into the state treasury, as required by law.

Respectfully submitted,

G. L. DOBSON,
Secretary of State.

THE SCHOOL LANDS.

All land grants to the state have been so thoroughly discussed in previous reports of this office, that no attempt has been made at this time to review the same, except to give as a matter of reference, the date of the grant, and the quantity inuring to the state under same.

The school lands of Iowa are:

1st. The grant by act of Congress of September 4, 1841, known as the 500,000 acre grant, and the lands were granted for internal improvements; but Congress, on the admission of the state into the Union, consented to a diversion of the same for the use of common schools. There were 35,473.54 acres selected in excess of the grant, and the state was permitted to retain this excess, making a total of 535,473.54 acres, of which there are still unpatented, about 10,309.39 acres.

2d. Section sixteen in each congressional township, or lands in lieu thereof, granted by the act of Congress of March 3, 1845. The amount of lands inuring to the state under this grant is about 1,014,331.05 acres, of which about 24,313.87 acres are unpatented.

3d. The mortgage school lands, which are lands bid off on behalf of the state on the foreclosure of mortgages given to secure loans of school fund in the several counties. The quantity of this class of school lands cannot be given, as they have not been reported by the counties for many years.

The following exhibits will show the number of acres of school lands patented during the last two years; the total amounts patented, and remaining unpatented to June 30, 1899:

SIXTEENTH SECTION GRANT.

STATEMENT No. 1.

Giving a description of the sixteenth section school lands patented during the last biennial period, with names of patentee and county in which the land is situated.

PARTS OF SECTION.	Sec.	TOWNSHIP.	RANGE.	ACRES.	NAME OF GRANTEE.
BENTON COUNTY.					
ne of nw.....	16	86	10	40.00	William H. McKinley.
BUENA VISTA COUNTY.					
ne of se.....	16	90	35	40 00	Alexander Duffus.
CASS COUNTY.					
sw ¼.....	16	74	34	160.00	Thomas Tabasinske.
CHEROKEE COUNTY.					
e ½ of ne ¼ and ne of sw ¼.....	16	90	41	120.00	Michael Conley.
CLARKE COUNTY.					
nw of nw and nw of sw.....	16	73	27	80.00	S. I. Larkins.
se of sw.....	16	71	35	40.00	Mrs. Anna Gebard.
se of sw.....	16	73	25	40.00	S. G. Musselman.
sw of sw.....	16	73	24	40.00	Samuel Baker.
se of sw and sw of se.....	16	71	24	80.00	A. E. Wells.
Total.....				280.00	
CLAY COUNTY.					
n ¼ of.....	16	97	38	320.00	Grace A. Barnard.
CLAYTON COUNTY.					
lot 2.....	16	93	2	68.00	H. Luers.
sw of sw and lot 3.....	16	93	2	86.50	Herman Luers.
lot 1.....	16	93	2	42.40	Herman Luers.
lots 8 and 9 and ¼.....	16	92	4	66.60	Edmond O. Connell.
Total.....				264.40	
DECATUR COUNTY.					
nw of se and se of se.....	16	70	26	80.00	G. W. Barkydt.
DICKINSON COUNTY.					
e ½ of ne.....	16	100	38	80.00	James P. Prindle.
EMMET COUNTY.					
e ½ of ne.....	16	100	32	80.00	John Montgomery.
nw ¼.....	16	100	32	160.00	J. B. Binford.
Total.....				240.00	
HOWARD COUNTY.					
s ¼ of sw ¼ and ne ¼ of sw ¼.....	16	98	14	120.00	Michael Howard.
KOSSUTH COUNTY.					
se ¼.....	16	100	29	160.00	Archibald Hutchison.
sw ¼.....	16	100	28	160.00	T. W. Place.
s ¼ of nw ¼.....	16	100	27	80.00	Lewis O. Quam.
e ½ of se ¼.....	16	97	27	80.00	Henry Klenk.
w ¼ of se ¼.....	16	97	27	80.00	George A. Klenk.
sw ¼.....	16	99	29	153.965	Leverett C. Barber.
ne ¼.....	16	99	29	160.00	W. C. Dauson.
Total.....				873.965	

STATEMENT No. 1—CONTINUED.

PARTS OF SECTION.	Sec.	TOWNSHIP.	RANGE.	ACRES.	NAME OF GRANTEE.
LYON COUNTY.					
se ¼.....	16	100	47	160.00	J. D. Brandt.
ne ¼.....	16	100	47	160.00	John D. Brandt.
sw ¼.....	16	100	43	160.00	E. Huntington.
n ¼.....	16	100	43	320.00	William Hindt.
nw ¼.....	16	100	47	160.00	Magnus O. Secc.
w ½ of se ¼.....	16	99	44	80.00	M. U. Freerks.
Total.....				1040.00	
LOUISA COUNTY.					
lot 5.....	16	76	5	43.65	Francis A. Forbes.
MONONA COUNTY.					
n ¼ of ne ¼.....	16	85	45	80.00	Joshua Bishop.
PLYMOUTH COUNTY. (In new lands.)					
se of sw and sw of se.....	24	92	49	80.00	David L. Scanlon.
s ¼ of ne.....	16	93	47	80.00	Charles E. Flangher.
Total.....				160.00	
POCAHONTAS COUNTY.					
sw ¼.....	16	92	32	160.00	Pocahontas County.
n ¼ of nw.....	16	93	31	80.00	Fritz Christenson.
w ¼ of ne.....	16	90	33	80.00	Alexander Peterson.
s ¼ of se.....	16	92	32	80.00	Joseph Peachan.
Total.....				400.00	
RINGGOLD COUNTY.					
nw of ne.....	16	70	28	40.00	H. S. Anderson.
ne of ne.....	16	70	28	40.00	Chas. J. Anderson.
Total.....				80.00	
SIoux COUNTY.					
nw of se.....	16	95	43	40.00	James Allen.
s ¼ of nw.....	16	96	44	80.00	G. H. Meerdink.
s ¼ of sw ¼ and ne of sw.....	16	96	47	120.00	S. F. Hartzell.
Total.....				240.00	
WOODBURY COUNTY.					
n ¼ of ne.....	16	86	47	80.00	Geo. W. Thatcher.
e ½ of ne and e ½ of nw.....	16	86	44	160.00	John Parkhill.
sw ¼.....	16	86	44	160.00	Sec'ty Co. Hart'rd, Conn.
nw of nw.....	16	88	46	80.00	Chris Morgenson.
n ¼ of sw.....	16	86	47	40.00	Magdlen, Margaret E. and Elizabeth Maln.
s ¼ of se of nw ¼.....	16	87	43	20.00	John Murray.
s ¼ of ne.....	16	87	43	80.00	John Murray.
n ½ of ne.....	16	87	43	80.00	Jno. and Julia Hurley.
Total.....				700.00	
WAYNE COUNTY.					
e ½ of nw and sw of nw.....	16	67	23	120.00	H. B. & J. A. Duncan, Exr's
WEBSTER COUNTY.					
w ¼ of se.....	16	60	20	80.00	Henry Licht.
WRIGHT COUNTY.					
w ¼ of se.....	16	93	25	80.00	Jacob Townsick.
w ½ of ne.....	16	93	29	80.00	George A. Eckhoff.
e ½ of se.....	16	93	25	80.00	Annie H. Asbe.
w ½ of nw ¼.....	16	93	24	80.00	Ole Hanson.
n ¼ of nw.....	16	93	25	80.00	K. Roskamp.
Total.....				400.00	
Total number acres patented.....				5962.165	

SIXTEENTH SECTION GRANT.

STATEMENT No. 2.

Showing for the biennial period ended June 30, 1897:

1. Total number of acres in each county.
2. Total number of acres patented.
3. Number of acres patented during the last two years.
4. Number of acres remaining unpatented.

COUNTIES.	Total number of acres in each county.	Total number of acres patented.	Number of acres patented during the last two yrs.	Number of acres remaining unpatented.
Adair.....	10,240 00	10,240 00		
Adams.....	7,680 00	7,680 00		
Allamakee.....	11,520 00	10,685 10		834 90
Appanoos.....	10,240 00	9,920 00		320 00
Audubon.....	7,680 00	7,650 00		30 00
Benton.....	12,800 00	12,697 50	40 00	102 50
Black Hawk.....	10,240 00	10,001 80		238 20
Boone.....	10,240 00	10,190 00		50 00
Bremer.....	7,680 00	7,660 00		20 00
Buchanan.....	10,240 00	10,200 00		40 00
Buena Vista.....	10,240 00	10,240 00	40 00	360 00
Butler.....	10,240 00	9,860 00		380 00
Calhoun.....	10,240 00	10,160 00		80 00
Carroll.....	10,240 00	10,240 00		
Cass.....	10,240 00	10,040 00	160 00	160 00
Cedar.....	10,240 00	10,080 00		200 00
Cerro Gordo.....	10,240 00	10,200 00		40 00
Cherokee.....	10,240 00	9,760 00	120 00	480 00
Chickasaw.....	7,680 00	7,560 00		120 00
Clarke.....	7,680 00	7,660 00	280 00	50 00
Clay.....	10,240 00	10,240 00	320 00	
Clayton.....	13,715 08	13,375 16	364 49	439 92
Crawford.....	12,800 00	12,292 88		717 89
Dallas.....	10,240 00	12,780 00		29 60
Davis.....	10,240 00	10,115 00		125 00
Decatur.....	10,240 00	10,080 00		160 00
Delaware.....	10,240 00	9,720 00	80 00	520 00
Des Moines.....	7,392 81	5,961 63		1,411 18
Dickinson.....	7,680 00	6,820 00	80 00	720 00
Dubuque.....	11,364 00	11,284 00		80 00
Emmet.....	7,680 00	6,710 00	240 00	970 00
Fayette.....	12,800 00	12,780 00		20 00
Floyd.....	7,680 00	7,583 00		160 00
Franklin.....	10,240 00	10,080 00		160 00
Fremont.....	10,080 00	9,398 48		681 52
Greene.....	10,240 00	10,240 00		
Grundy.....	8,960 00	8,740 00		200 00
Guthrie.....	10,240 00	10,000 00		240 00
Hamilton.....	10,240 00	10,160 00		80 00
Hancock.....	10,240 00	10,160 00		80 00
Hardin.....	10,240 00	10,120 00		120 00
Harrison.....	12,324 17	11,491 90		742 27
Henry.....	7,680 00	7,360 00		320 00
Howard.....	10,240 00	9,940 68	120 00	279 32
Humboldt.....	7,680 00	7,530 00		160 00
Ida.....	7,680 00	7,680 00		

STATEMENT No. 2—CONTINUED.

COUNTIES.	Total number of acres in each county.	Total number of acres patented.	Number of acres patented during the last two yrs.	Number of acres remaining unpatented.
Iowa.....	10,240 00	9,900 00		380 00
Jackson.....	11,143 22	10,945 97		197 25
Jasper.....	12,800 00	12,800 00		
Jefferson.....	7,680 00	7,680 00		
Johnson.....	10,880 00	10,830 00		50 00
Jones.....	10,240 00	9,660 00		580 00
Keokuk.....	10,240 00	9,920 00		320 00
Kossuth.....	17,920 00	16,636 925	878 965	1,283 075
Lee.....	9,804 45	9,804 45		100 00
Linn.....	12,800 00	12,653 67		146 33
Louis.....	7,438 35	7,378 35	43 05	60 00
Lucas.....	7,680 00	7,680 00		
Lyon.....	11,520 00	9,776 17	1,040 00	1,743 83
Madison.....	10,240 00	10,240 00		
Mahaska.....	10,240 00	10,080 00		160 00
Marion.....	10,240 00	9,760 00		480 00
Marshall.....	10,240 00	10,200 00		40 00
Mills.....	9,000 00	7,720 00		280 00
Mitchell.....	10,240 00	9,260 00		680 00
Monona.....	13,228 74	12,868 74	80 00	360 00
Monroe.....	7,680 00	7,640 00		40 00
Montgomery.....	7,680 00	7,680 00		
Muscatine.....	7,336 83	7,541 83		395 00
O'Brien.....	10,240 00	10,200 00		40 00
Oscoleso.....	7,680 00	7,520 00		160 00
Page.....	10,240 00	10,060 00		180 00
Palo Alto.....	10,240 00	10,080 00		160 00
Plymouth.....	15,322 65	15,002 65	160 00	320 00
Pocahontas.....	10,240 00	10,240 00	400 00	
Polk.....	10,240 00	10,050 00		190 00
Pottawattamie.....	17,658 46	17,615 46		140 00
Poweshiek.....	10,240 00	9,800 00		440 00
Ringgold.....	10,240 00	10,200 00		40 00
Sac.....	10,240 00	10,240 00		
Salt.....	8,632 67	8,535 67		100 00
Shelby.....	10,240 00	10,240 00		
Sioux.....	14,116 07	13,875 34	240 00	240 73
Story.....	10,240 00	10,200 00		40 00
Tama.....	12,800 00	12,600 00		200 00
Taylor.....	10,240 00	10,230 00		10 00
Union.....	7,680 00	7,680 00		
Van Buren.....	9,146 78	9,146 78		
Wapello.....	7,680 00	7,480 00		200 00
Warren.....	10,240 00	10,160 00		80 00
Washington.....	10,240 00	10,100 00		140 00
Wayne.....	10,240 00	9,750 00	120 00	450 00
Webster.....	12,800 00	12,480 00	80 00	320 00
Winnebago.....	7,680 00	7,120 00		560 00
Winnebuck.....	12,800 00	12,760 00		40 00
Woodbury.....	16,680 00	14,865 00	700 00	815 00
Worth.....	7,680 00	7,440 00		240 00
Wright.....	10,240 00	9,720 00	400 00	520 00
Aggregate areas.....	1,014,331.05	969,937.145	5,962.105	24,399.905

FIVE HUNDRED THOUSAND ACRE GRANT.

STATEMENT No. 4.

Showing for the biennial period, ending June 30, 1899:

1. Total number of acres, and the counties having the selections.
2. Total number of acres patented to June 30, 1899.
3. Number of acres patented during the last two years.
4. Number of acres remaining unpatented.

COUNTIES.	Total number of acres in each county.	Number of acres patented to June 30, 1899.	Number of acres patented during the last two yrs.	Number of acres remaining unpatented June 30, 1899.
Adair.....	2,301 89	2,301 89		
Adams.....	1,920 00	1,895 00		25 00
Allamakee.....	70,191 23	69,213 19		978 04
Appanoose.....	2,400 00	2,320 00		80 00
Benton.....	11,781 80	11,382 10		399 70
Black Hawk.....	8,382 84	8,302 84		80 00
Boone.....	1,032 12	1,032 12		
Bremner.....	19,120 56	18,720 56		400 00
Buchanan.....	2,485 44	2,445 44		40 00
Butler.....	478 51	478 51		
Calhoun.....				
Cedar.....	6,812 44	6,812 44		
Chickasaw.....	3,279 26	2,959 26	80 00	320 00
Clarke.....	16,000 00	15,729 00	100 00	280 00
Clayton.....	22,764 40	21,180 16		1,584 24
Clinton.....	21,135 35	20,953 59		181 76
Dallas.....	13,669 16	13,014 92	40 00	684 24
Davis.....	934 95	934 95	80 00	
Decatur.....	40,460 56	39,096 05	100 00	1,364 51
Delaware.....	11,417 19	11,417 19		
Dubuque.....	16,114 77	15,504 77		260 00
Emmet.....				
Fayette.....	30,290 21	30,020 21		240 00
Floyd.....	3,481 68	3,401 68		80 00
Hamilton.....	10,314 40	10,314 40		
Hardin.....	1,360 00	1,360 00		
Harrison.....	7,524 86	7,524 86		
Iowa.....	22,976 07	23,848 70		127 37
Jackson.....	807 50	807 50		
Jasper.....	1,674 94	1,674 94		
Jones.....	29,955 50	29,955 50	120 00	
Kekuk.....	670 44	670 44		
Linn.....	11,016 07	10,884 47		131 60
Louisa.....	640 00	640 00		
Lucas.....	640 00	640 00		
Madison.....	9,386 02	9,186 02		200 00
Mahaska.....	9,227 75	9,227 75		
Marion.....	1,414 61	1,414 61		
Marshall.....	6,155 86	6,155 86		
Monroe.....	896 57	896 57		
Muscatine.....	357 23	357 23		
Polk.....	2,425 62	2,425 62		
Poweshiek.....	12,713 34	11,088 24		777 00
Ringgold.....	607 20	602 97		4 23
Shelby.....	56 81	56 81		
Story.....	3,796 74	3,716 74		80 00
Tama.....	11,650 44	10,830 44		820 00
Union.....	10,728 07	10,278 07		450 00
Wapello.....	7,002 42	6,962 42		40 00
Warren.....	5,643 97	5,643 97		
Wayne.....	15,606 91	15,416 98		189 93
Webster.....	18,024 06	17,721 79		302 27
Winnechek.....	24,447 00	24,094 50		352 50
	535,305 96	524 966 57	640 00	10,425 39

FIVE HUNDRED THOUSAND ACRE GRANT.

STATEMENT No. 3.

Giving a description of the 500,000 acre school lands patented during the last biennial period, with name of grantee, and counties in which the lands are situated.

PARTS OF SECTION.	Sec.	Town.	Range.	Acres.	NAME OF GRANTEE.
CHICKASAW COUNTY.					
sw of ne.....	9	94	14	40 00	Wm. Hurley. Joseph A. J. Bird.
ne of ne.....	7	94	14	40 00	
Total.....				80 00	
CLARKE COUNTY.					
se of sw.....	25	71	27	40 00	Wm. Moran. Mary Howell. William Shipp. Jas. W. and S. M. Eddy.
ne of ne.....	26	71	27	40 00	
ne of nw.....	25	71	28	40 00	
Total.....				100 00	
DALLAS COUNTY.					
sw of nw.....	15	78	28	40 00	Tristram Davis.
DAVIS COUNTY.					
se of nw and se of ne.....	6	69	15	80 00	Eli Smith.
DECATUR COUNTY.					
e ¼ of sw.....	4	69	24	80 00	C. S. Stearns. J. A. Brown. Lorenzo D. Kelley.
ne of se.....	7	70	27	40 00	
se of se.....	9	70	26	40 00	
Total.....				160 00	
JONES COUNTY.					
sw of sw.....	23	84	3	40 00	Benjamin Tallman. Edward Sams.
n ½ of sw.....	20	85	4	80 00	
Total.....				120 00	
Total acres patented.....				640 00	

MORTGAGE SCHOOL LANDS.

STATEMENT No. 5.

Showing the mortgage school lands patented during the last two years, giving the county, and name of patentee.

PARTS OF SECTION.	Sec.	Town.	Range.	Acres.	REMARKS.
CLARKE COUNTY.					
sw of se.....	14	73	25	40.00	Endorus Barnard.
DECATUR COUNTY.					
sw of nw.....	10	68	28	40 00	Thomas McGrath.
sw of sw.....	16	69	24	40 00	Wayne B. Pryor.
w ½ of ne ¼ and se of nw.....	24	68	27	120 00	H. T. Kouch.
se of nw.....	18	69	24	40 00	W. A. Adams.
sw of ne.....	1	68	25	40 00	Harry P. Smith.
Total.....				280.00	
DELAWARE COUNTY.					
sw of sw.....	16	89	4	40.00	C. T. White.
MITCHELL COUNTY.					
w ¼ of ne ¼.....	16	97	15	60.00	John J. Miller.
VAN BUREN COUNTY.					
sw of ne.....	5	69	11	40.00	Frank Brown.
s ½ of sw of sw.....	4	69	11	20.00	Robert Wilson.
part of sw of sw ¼.....	13				
ne of se ¼.....	14	69	11	76.37	Ira Coffman.
part of nw of ne.....	23				
Total.....				186.37	
Total acres patented.....				576.37	

UNSOLD SCHOOL LANDS.

STATEMENT No. 6.

Giving by particular description the unsold school lands, as reported by the county auditors, and omitting the names of counties having no unsold school lands.

COUNTY.	PARTS OF SECTION.	Sec.	Town.	Range.	Acres.	REMARKS.
Allamakee...	nw of nw.....	16	100	4	40 00	Sixteenth section.
Allamakee...	sw of ne.....	16	100	4	40 00	Sixteenth section.
Allamakee...	ne of nw.....	16	100	4	40 00	Sixteenth section.
Allamakee...	sw of nw.....	16	100	4	40 00	Sixteenth section.
Allamakee...	se of nw.....	16	100	4	40 00	Sixteenth section.
Allamakee...	nw of sw.....	16	100	4	40 00	Sixteenth section.
Allamakee...	nw of se.....	16	100	4	40 00	Sixteenth section.
Allamakee...	w ¼ of sw ¼.....	16	99	3	80 00	Sixteenth section.
Allamakee...	lot number 1.....	16	99	3	43.50	Sixteenth section.
Allamakee...	lot 2.....	16	99	3	28 96	Sixteenth section.
Allamakee...	lot 3.....	16	99	3	45 58	Sixteenth section.
Allamakee...	lot 4.....	16	99	3	28 00	Sixteenth section.
Allamakee...	lot 5.....	16	99	3	31 06	Sixteenth section.
Allamakee...	lot 6.....	16	99	3	58 00	Sixteenth section.
Allamakee...	sw of nw.....	6	96	3	40 00	500,000 acre.
Allamakee...	se of nw.....	6	96	3	40 00	500,000 acre.
Allamakee...	nw of sw.....	6	96	3	40 00	500,000 acre.
Allamakee...	ne of sw.....	6	96	3	40 00	500,000 acre.
Total.....					754.20	
Dickinson...	all of.....	16	99	37	640.00	Sixteenth section.
Fremont...	s ½ of nw ¼.....	16	70	43	80 00	Sixteenth section.
Fremont...	w ½ of sw ¼.....	16	70	43	80 00	Sixteenth section.
Total.....					160.00	
Hancock...	e ½ of se ¼.....	16	97	24	60 00	Sixteenth section.
Monona...	se ¼ of se ¼.....	16	85	46	40 00	Sixteenth section.
Monona...	sw ¼ of se ¼.....	16	85	46	40 00	Sixteenth section.
Monona...	se ¼ of sw ¼.....	16	85	46	40 00	Sixteenth section.
Monona...	sw ¼ of sw ¼.....	16	85	46	40 00	Sixteenth section.
Monona...	sw ¼ of nw ¼.....	16	83	43	40 00	Sixteenth section.
Monona...	se of se.....	82	46	40 00	In lieu of 16th sec.	
Total.....					240.00	
Tama...	n ½ of sw ¼ of nw ¼.....	16	85	13	20 00	Sixteenth section.
Tama...	s ½ of nw ¼ of nw ¼.....	16	85	13	20 00	Sixteenth section.
Total.....					40 00	
Woodbury...	ne ¼ of nw ¼.....	16	86	43	40 00	Sixteenth section.
Woodbury...	ne ¼ of sw.....	16	86	43	40 00	Sixteenth section.
Woodbury...	nw ¼ of nw ¼.....	16	86	43	40 00	Sixteenth section.
Woodbury...	sw ½ of nw ¼.....	16	86	43	40 00	Sixteenth section.
Woodbury...	sw ¼ of ne ½.....	16	86	43	40 00	Sixteenth section.
Woodbury...	se ¼ of nw ¼.....	16	86	43	40 00	Sixteenth section.
Woodbury...	nw of se ¼.....	16	86	43	40 00	Sixteenth section.
Total.....					280.00	
Aggregate No. acres un-					2,194.50	
sold.....						

TOWN LOTS.

STATEMENT No. 7.

The following lots, taken under foreclosure of mortgages prior to January 1, 1874, for the use of the school fund, are reported as unsold.

COUNTY.	NUMBER OF LOT.	No. of block.	TOWN.
Allamakee...	5, 6, 7, 8.....	10	Capoll.
Allamakee...	6.....	7	Capoll.
Allamakee...	3.....	21	Capoll.
Allamakee...	3.....	23	Capoll.
Allamakee...	2.....	23	Capoll.
Allamakee...	3.....	26	Capoll.
Allamakee...	3, 13.....	37	Capoll.
Allamakee...	Undivided 1/2 of lot 1.....	30	Capoll.
Allamakee...	6.....	27	Capoll.
Allamakee...	7.....	28	Capoll.
Allamakee...	1.....	33	Capoll.
Allamakee...	4, 10.....	38	Capoll.
Allamakee...	6, 13.....	39	Capoll.
Allamakee...	3, 13.....	40	Capoll.
Allamakee...	1.....	41	Capoll.
Allamakee...	3.....	42	Capoll.
Allamakee...	4.....	43	Capoll.
Allamakee...	3.....	44	Capoll.
Allamakee...	116, 118, 119, 120, 121.....	.....	Johnsonsport
Allamakee...	Undivided 1/2 26, 38, 40, 42, 44, 46, 48, 50, 54, 56, 58, 60, 62.....	.....	Johnsonsport

THE UNIVERSITY LANDS.

The University and Saline land grants, lands donated, and lands acquired by foreclosure, constitute the University lands. They are under the control of the Board of Regents of the Iowa State University, and subject to the disposal of said Board. Of these lands there appears to be unpatented: University lands, 653.31 acres; Saline lands, 1,895.68 acres; total, 2,548.99 acres remaining unpatented, of the two congressional grants which were given to the Iowa State University.

No University lands have been patented during the last biennial period.

The following statements show the several classes of lands belonging to the State University, and the quantities, which the records show are unpatented and unsold:

UNIVERSITY LAND GRANT.

STATEMENT No. 8.

Showing for the biennial period ended June 30, 1899:

1. Total number of acres approved to the state.
2. Total number of acres patented.
3. Number of acres remaining unpatented.
4. Number of acres remaining unsold.

COUNTIES.	Total number of acres in each county.	Total number of acres patented.	Number of acres remaining unpatented.	Number of acres remaining unsold.
Appanoose.....	640 00	640 00	.....	.....
Boone.....	2,613.48	2,613.48	.....	.....
Dallas.....	573 07	573 07	.....	.....
Dallas.....	1,297 31	1,217 33	80 00	80 00
Davis.....	2,560 00	2,560 00	.....	.....
Decatur.....	2,560 00	2,560 00	180 00	180 00
Hardin.....	10,325.54	10,145.54	180 00	180 00
Iowa.....	646.85	603.68	40.97	40.97
Iowa.....	4,611 35	4,611 35	.....	.....
Jasper.....	1,280 00	1,280 00	.....	.....
Jefferson.....	4,545.44	4,273 10	272.34	272.34
Lucas.....	5,194 19	5,194 19	.....	.....
Polk.....	645.16	645.16	.....	.....
Scott.....	5,221.40	5,221 40	.....	.....
Story.....	638 20	638 20	.....	.....
Union.....	1,920 00	1,920 00	.....	.....
Wapello.....	3,218 00	3,138 00	80 00	80 00
Warren.....	.....	.....	.....	.....
Totals.....	45,928 84	45,275 53	653.31	653.31

SALINE LAND GRANT.

STATEMENT No. 9.

Showing for the biennial period ended June 30, 1899:

1. Total number of acres in the grant.
2. Total number of acres patented.
3. Number of acres remaining unpatented.
4. Number of acres remaining unsold.

COUNTIES.	Total number of acres in each county.	Total number of acres patented.	Number of acres remaining unpatented.	Number of acres remaining unsold.
Appanoose.....	12,960.28	11,744.60	1,215.68	1,050.09
Davis.....	640.00	600.00	40.00	40.00
Decatur.....	2,650.00	2,400.00	250.00	160.00
Lucas.....	25,791.46	25,471.46	320.00	160.00
Monroe.....	1,120.00	1,120.00		
Van Buren.....	640.00	640.00		
Wayne.....	2,490.79	2,393.79	160.00	160.00
Totals.....	46,202.53	44,308.85	1,895.68	1,570.09

UNSOLD UNIVERSITY LANDS.

The following descriptive list of the unsold State University lands was kindly furnished by Lovell Swisher, of Iowa City, treasurer of the State University, who has charge of the sale of these lands, under direction of the Board of Regents of said institution:

UNIVERSITY LAND GRANTS.

STATEMENT No. 10.

PARTS OF SECTION.	Sec.	Town.	Range.	Acres.	IN WHAT COUNTY SITUATED.
ne 1/4 of nw 1/4.....	31	70	15	40.00	Davis.
nw 1/4 of sw 1/4.....	8	89	15	40.00	Davis.
se 1/4 of nw 1/4.....	8	88	19	40.00	Hardin.
nw 1/4 of ne 1/4.....	8	88	19	40.00	Hardin.
e 1/2 of se 1/4 of ne 1/4.....	8	88	19	20.00	Hardin.
se 1/4 of ne 1/4.....	8	88	19	40.00	Hardin.
ne 1/4 of sw 1/4.....	5	83	19	40.00	Hardin.
ne fr 1/4 of ne 1/4.....	5	71	23	47.98	Lucas.
nw fr 1/4 of ne 1/4.....	5	71	23	48.05	Lucas.
nw fr 1/4 of nw 1/4.....	5	71	23	48.12	Lucas.
nw fr 1/4 of sw 1/4.....	5	71	23	48.19	Lucas.
sw 1/4 of nw 1/4.....	5	71	23	40.00	Lucas.
sw 1/4 of nw 1/4.....	5	71	23	40.00	Lucas.
nw fr 1/4 of nw 1/4.....	5	81	12	40.37	Iowa.
ne 1/4 of ne 1/4.....	28	77	24	40.00	Warren.
se 1/4 of se 1/4.....	28	77	24	40.00	Warren.
Total.....				653.31	

SALINE LAND GRANT.

STATEMENT No. 11.

PARTS OF SECTION.	Sec.	Town.	Range.	Acres.	IN WHAT COUNTY SITUATED.
ne 1/4 of ne 1/4.....	21	70	16	40.00	Appanoose.
sw 1/4 of se 1/4.....	21	70	16	40.00	Appanoose.
ne 1/4 of ne 1/4.....	10	70	16	40.00	Appanoose.
nw 1/4 of ne 1/4.....	10	70	16	40.00	Appanoose.
sw 1/4 of ne 1/4.....	10	70	16	40.00	Appanoose.
se 1/4 of ne 1/4.....	10	70	16	40.00	Appanoose.
sw 1/4 of nw 1/4.....	10	70	16	40.00	Appanoose.
se 1/4 of nw 1/4.....	10	70	16	40.00	Appanoose.
ne 1/4 of sw 1/4.....	9	70	16	40.00	Appanoose.
sw 1/4 of se 1/4.....	9	70	16	40.00	Appanoose.
ne 1/4 of se 1/4.....	9	70	16	40.00	Appanoose.
nw 1/4 of se 1/4.....	1	69	17	40.00	Appanoose.
sw 1/4 of se 1/4.....	1	69	17	40.00	Appanoose.
nw 1/4 of se 1/4.....	1	69	17	40.00	Appanoose.
se 1/4 of se 1/4.....	22	70	17	40.00	Appanoose.
nw 1/4 of nw 1/4.....	35	70	17	40.00	Appanoose.
sw 1/4 of nw 1/4.....	31	70	16	44.40	Appanoose.
nw 1/4 of sw 1/4.....	18	70	16	40.00	Appanoose.
ne 1/4 of sw 1/4.....	13	70	16	40.00	Appanoose.
sw 1/4 of sw 1/4.....	13	70	16	40.00	Appanoose.
se 1/4 of sw 1/4.....	13	70	16	40.00	Appanoose.
nw 1/4 of ne 1/4.....	23	70	16	40.00	Appanoose.
se 1/4 of ne 1/4.....	23	70	16	40.00	Appanoose.
sw 1/4 of ne 1/4.....	23	70	16	40.00	Appanoose.
ne of nw 1/4.....	1	69	17	45.69	Appanoose.
ne 1/4 of se 1/4.....	10	70	12	40.00	Davis.
sw 1/4 of se 1/4.....	28	69	24	40.00	Decatur.
se 1/4 of sw 1/4.....	28	69	24	40.00	Decatur.
nw 1/4 of se 1/4.....	23	69	24	40.00	Decatur.
sw 1/4 of se 1/4.....	23	69	24	40.00	Decatur.
ne 1/4 of sw 1/4.....	9	72	21	40.00	Lucas.
ne 1/4 of sw 1/4.....	9	72	21	40.00	Lucas.
nw 1/4 of se 1/4.....	29	71	21	40.00	Lucas.
nw 1/4 of sw 1/4.....	15	71	22	40.00	Lucas.
se 1/4 of ne 1/4.....	7	69	23	40.00	Wayne.
sw 1/4 of ne 1/4.....	7	69	23	40.00	Wayne.
se 1/4 of nw 1/4.....	7	69	23	40.00	Wayne.
ne 1/4 of sw 1/4.....	7	69	23	40.00	Wayne.
Total.....				1,570.09	

LANDS DONATED TO STATE UNIVERSITY—UNSOLD.

PARTS OF SECTION.	Sec.	Town.	Range.	Acres.	IN WHAT COUNTY SITUATED.
ne 1/4 of nw 1/4.....	23	86	33	40.00	Calhoun.
se 1/4 of se 1/4.....	14	84	38	40.00	Crawford.
nw 1/4 of ne 1/4.....	23	86	14	40.00	Tama.
e 1/2 of nw 1/4.....	25	100	25	80.00	Winneshago.
nw 1/4.....	34	95	36	160.00	Clay.
sw 1/4 of.....	30	95	33	320.00	Clay.
Total.....				680.00	

ACQUIRED BY FORECLOSURE.

PARTS OF SECTION.	Sec.	Town.	Range.	Acres.	IN WHAT COUNTY SITUATED.
se ¼ of nw ¼.....	34	79	7	40.00	Johnson.
sw ¼ of nw ¼.....	34	79	7	40.00	Johnson.
sw ¼ of sw ¼.....	31	79	15	40.00	Poweshiek.
Total.....				120.00	

RECAPITULATION.

	Acres.
University grant.....	653.31
Saline grant.....	1,570.00
Donated lands.....	680.00
By foreclosure.....	120.00
Aggregate unsold.....	3,023.04

THE AGRICULTURAL COLLEGE LANDS.

The Agricultural College grant by act of Congress, approved July 2, 1862, contains 204,309.30 acres, of which 6,985.77 acres are unpatented. The Cusey purchase (so called) contains 15,023.18 acres, of which 1,093.18 acres are unpatented.

About all of the lands acquired by donations have been sold and patented, except the lands reserved as grounds for the use of the college and farm. Of the lands obtained by foreclosure of endowment fund loans, 160 acres are unsold.

The five section grant in Jasper county (3,200 acres) acquired by the state by act of Congress approved March 3, 1845, and appropriated for use of the college and farm, has all been sold and patented.

The purchase money paid for all lands donated or granted for the Agricultural college, and which have been patented by the state to the purchaser during the last biennial period, amounts in the aggregate to \$23,269.87, as shown by the certificates of final payment on file in this office.

AGRICULTURAL COLLEGE GRANT.

STATEMENT No. 12.

Showing for the biennial period ended June 30, 1899:

1. Total number of acres in the grant.
2. Number of acres patented during the last two years.
3. Total number of acres patented.
4. Number of acres remaining unpatented.

COUNTIES.	Total number of acres in each county.	Number of acres patented during the last two yrs.	Total number of acres patented to June 30, 1899.	Number of acres remaining unpatented.
Buena Vista.....	5,837.58		5,837.58	
Calhoun.....	3,068.86		3,068.86	160.00
Cherokee.....	2,240.62		2,240.62	
Clay.....	8,719.42	400.00	8,239.42	480.00
Dickinson.....	5,159.67		4,999.67	160.00
Emmet.....	16,648.99	160.00	15,893.08	755.91
Greene.....	4,178.65		4,018.65	160.00
Hamilton.....	2,481.50		2,481.50	
Humboldt.....	3,063.13		2,767.11	296.02
Ida.....	8,328.87	164.43	8,208.87	120.00
Kossuth.....	84,198.29	2,880.00	81,459.97	2,738.32
Lyon.....	1,120.00		680.00	440.00
O'Brien.....	1,930.00		1,690.00	
Palo Alto.....	27,718.14	800.00	26,918.14	800.00
Plymouth.....	3,842.60	160.00	3,682.60	160.00
Pocahontas.....	3,549.04		3,389.04	160.00
Sac.....	640.00	160.00	640.00	
Sioux.....	1,280.00		1,280.00	
Webster.....	3,349.72		3,089.72	160.00
Winnebago.....	2,429.75		2,349.75	80.00
Woodbury.....	10,103.46	164.48	9,787.94	315.52
Worth.....	196.56		196.56	
Wright.....	4,645.45		4,645.45	
Aggregates.....	204,309.30	4,888.91	197,323.53	6,985.77

COLLEGE LANDS—CUSEY PURCHASE.

STATEMENT No. 13.

The following statement shows:

1. Total quantity in purchase, naming the counties in which the selections were made.
2. Total number of acres patented.
3. Number of acres patented during last two years.
4. Number of acres remaining unpatented.

COUNTIES.	Total number of acres located in each county.	Total number of acres patented.	Number of acres patented during the last two yrs.	Number of acres unpatented.
Buena Vista.....	2,880.00	2,560.00	160.00	320.00
Cherokee.....	2,400.00	2,400.00		
Dickinson.....	1,760.00	1,760.00		
Lyon.....	7,200.00	6,880.00		320.00
Plymouth.....	320.00	320.00		
Sioux.....	453.18			453.18
Totals.....	15,013.18	13,920.00	160.00	1,093.18

AGRICULTURAL COLLEGE GRANT—LANDS PATENTED.

STATEMENT No. 14.

Giving a description of the Agricultural College lands patented during the last two years, with name of grantee and date of patent.

PARTS OF SECTION.	Sec.	Town.	Range.	Acres.	NAME OF GRANTEE.	DATE OF PATENT.
BUENA VISTA COUNTY.						
* ne $\frac{1}{4}$ CLAY COUNTY.	36	93	36	160	Arthur Sewall.....	Apr. 15, 1898
ne $\frac{1}{4}$	17	94	36	160	W. E. Brown.....	Jan. 6, 1898
e $\frac{1}{2}$ of so $\frac{1}{4}$	31	94	37	80	David B. Davis.....	Feb. 8, 1898
sw $\frac{1}{4}$	14	96	36	160	Chas Snyder.....	June 13, 1898
Total.....				400		
EMMET COUNTY.						
ne $\frac{1}{4}$	30	100	34	160	Gustav Peitz.....	July 5, 1895
IDA COUNTY.						
ne $\frac{1}{4}$	2	86	41	164.03	James Soesbe.....	July 21, 1897
KOSSUTH COUNTY.						
ne $\frac{1}{4}$	9	98	27	160	Andrew Papendieck.....	Aug. 10, 1897
sw $\frac{1}{4}$	10	98	27	160	Andrew Papendieck.....	Aug. 10, 1897
e $\frac{1}{2}$ of so $\frac{1}{4}$	23	97	27	80	Charles Reibsamann.....	Oct. 25, 1897
se $\frac{1}{4}$	11	98	27	160	Henry Braner.....	Dec. 18, 1897
sw $\frac{1}{4}$	11	98	27	160	Theodore S Walcott.....	Dec. 13, 1897
ne $\frac{1}{4}$	34	98	29	160	John Knapp, Jr.....	Dec. 18, 1897
sw $\frac{1}{4}$	1	99	28	160	John Roseman.....	Apr. 13, 1898
ne $\frac{1}{4}$	13	98	27	160	John L. Haswell.....	Sept. 6, 1898
sw $\frac{1}{4}$	32	95	27	160	Frank W. Stanley.....	Sept. 27, 1898
nw $\frac{1}{4}$	13	98	29	160	Katherine Winkel.....	Sept. 27, 1898
w $\frac{1}{2}$ of nw $\frac{1}{4}$	13	94	28	80	John Omners.....	Oct. 3, 1898
sw $\frac{1}{4}$	23	94	28	160	Wm. H. Parker.....	Oct. 15, 1898
sw $\frac{1}{4}$	94	94	28	160	Milton C. Roe.....	Jan. 6, 1899
se $\frac{1}{4}$	94	94	28	160	Milton C. Roe.....	Jan. 7, 1899
sw $\frac{1}{4}$	22	97	30	160	Lionel W. Richardson.....	Feb. 21, 1899
se $\frac{1}{4}$	18	98	29	160	E. F. Riley.....	Apr. 3, 1899
ne $\frac{1}{4}$	18	98	29	160	O. P. and E. F. Riley.....	May 5, 1899
se $\frac{1}{4}$	36	98	28	160	E. F. Riley.....	May 5, 1899
sw $\frac{1}{4}$	36	98	28	160	O. P. and E. F. Riley.....	May 5, 1899
Total.....				3,880		
PALO ALTO COUNTY.						
sw $\frac{1}{4}$	26	94	32	160	J. M. Kelley.....	Oct. 9, 1897
sw $\frac{1}{4}$	24	96	34	160	M. L. Brown, trustee.....	Dec. 2, 1897
se $\frac{1}{4}$	32	95	33	160	Aron Cass.....	June 10, 1898
ne $\frac{1}{4}$	19	95	32	160	William O'Brien.....	Oct. 27, 1898
nw $\frac{1}{4}$	36	95	31	160	Paul Bonnstetter.....	June 10, 1899
Total.....				800		
PLYMOUTH COUNTY.						
se $\frac{1}{4}$	36	90	45	160	F. D. and J. E. Cathcart.....	Dec. 2, 1898
SAC COUNTY.						
se $\frac{1}{4}$	36	87	38	160	Joseph P. Goreham.....	Apr. 6, 1899
STORY COUNTY.						
† tract in.....	33	84	24	85	J. E. Campbell.....	Mar. 28, 1898
WOODBURY COUNTY.						
sw $\frac{1}{4}$	30	86	44	164.48	Kate L. Robinson.....	Oct. 9, 1897
Total acres patented.....				5,133.51		

* A part of Cusey purchase.

† A part of Collie Farm, sold to J. E. Campbell, and more particularly described as, the east seven-eighths ($\frac{7}{8}$) of the south half of the northwest quarter, the north half of the west one-eighth of the south half of the northwest quarter, the north half of the northeast quarter of the northwest quarter of the southwest quarter and the west half of the northwest quarter of the northeast quarter of the southwest quarter all in section 23, township 84, north of range 24 west, in Story county, and containing 85 acres.

AGRICULTURAL COLLEGE LANDS—UNPATENTED.

STATEMENT No. 15.

Giving herewith a descriptive list of the Agricultural College lands remaining unpatented at the close of the biennial period, with the lease number and the counties in which the lands are situated.

No. of lease.	PARTS OF SECTION.	RANGE.			ACRES.	COUNTY.
		Sec.	Town.	Range.		
61	se ¼	80	90	30	160	Webster.
64	se ¼	4	93	27	160	Humboldt.
103	ne ¼	8	19	31	160	Oakhoun.
108½	w ½ of se ¼	5	8	94	80	Kossuth.
107¾	sw ¼	5	94	30	160	Kossuth.
123	se ¼	24	97	28	160	Kossuth.
474	nw ¼	90	91	160	160	Pocahontas.
903	ne ¼	100	94	115 01	160	Emmet.
1262	sw ¼	1	95	96	160	Clay.
1432	se ¼	1	93	27	160	Kossuth.
1663	se ¼	1	96	31	160	Palo Alto.
1708	nw ¼	26	98	28	160	Kossuth.
1709	sw ¼	26	98	28	160	Kossuth.
1744	se ¼	22	98	31	160	Palo Alto.
1819½	s ½ of nw ¼	22	99	23	80	Winneshago.
1834	w ½ of sw ¼	6	88	44	75.62	Woodbury.
1842	nw ¼ of nw ¼	4	93	27	56.02	Humboldt.
1844	e ½ of sw ¼	6	89	44	80	Woodbury.
1846	sw ¼	26	99	93	160	Emmet.
1847	nw ¼	26	99	93	160	Emmet.
1891	n ½ of ne ¼	36	87	45	80	Woodbury.
1890	sw ¼ of ne ¼	36	87	45	40	Woodbury.
1891	sw ¼	17	98	96	160	Dickinson.
1892	w ½ of se ¼	23	97	27	80	Kossuth.
1896	sw ¼	27	95	27	160	Kossuth.
1896	sw ¼	22	90	46	160	Plymouth.
1915	ne ¼	34	94	36	160	Clay.
1945	se ¼	1	98	90	160	Kossuth.
1946	sw ¼	1	98	90	160	Kossuth.
1947	se ¼	2	98	90	160	Kossuth.
1970	nw ¼ of se ¼	96	87	45	40	Woodbury.
2005	ne ¼	1	98	90	168.05	Kossuth.
2019	ne ¼	99	81	160	160	Palo Alto.
2028	ne ¼	32	100	94	160	Emmet.
2029	se ¼	2	100	94	160	Emmet.
2056	ne ¼	36	99	34	160	Palo Alto.
2070	e ½ of sw ¼	28	99	48	80	Lyon.
2071	w ½ of sw ¼	28	99	48	80	Lyon.
2082	ne ¼	24	85	31	160	Greene.
2083	sw ¼	3	99	96	160	Clay.
2084	sw ¼	31	95	27	166.84	Kossuth.
2085¼	e ½ of sw ¼	30	95	27	83	Kossuth.
2085½	w ½ of sw ¼	30	95	27	83.43	Kossuth.
2086	se ¼	25	95	28	160	Kossuth.
2087	nw ¼	36	95	28	160	Kossuth.
2089	n ½ of sw ¼	15	93	27	80	Humboldt.
2091	nw ¼	34	98	29	160	Kossuth.
2093	ne ¼	30	96	33	160	Palo Alto.
2093	ne ¼	30	95	27	160	Kossuth.
2096	n ½ of se ¼	21	99	48	40	Lyon.
2097	s ½ of se ¼	21	99	48	80	Lyon.
2097	se ¼	28	99	45	160	Lyon.
.....	nw ¼ of se ¼ and s ½ of se ¼	4	86	41	130	Ia.
Total.....					6,985 77	
* Unleased—nw ¼		30	97	28	149.67	Kossuth.

* In conflict with swamp title.

The northwest fractional ¼ of section 30, township 97 north, of range 28 west, containing 149.67 acres, was selected for the state of Iowa by the duly authorized agent of the state, in pursuance of the act of Congress, approved July 2, 1862, entitled: "An act donating public lands to the several states

and territories which may provide colleges for the benefit of agriculture," etc., the said tract being subject to be selected for said purpose and found free from conflict. The selection was approved by the secretary of the interior, December 13, 1864.

On November 6, 1865, the United States patented said tract to the state of Iowa, under the swamp land indemnity act of March 2, 1855, and the state did, on the 22d day of November 1865, patent the same to Mahaska county, in pursuance of the said act of March 2, 1855.

CUSEY PURCHASE—UNDER LEASE.

LANDS PURCHASED WITH ACCUMULATED INTEREST.

No. of lease.	PARTS OF SECTION.	RANGE.			ACRES.	COUNTY.	
		Sec.	Town.	Range.			
140	ne ¼	32	100	48	160	Lyon.	
142	se ¼	32	100	48	160	Lyon.	
151	se ¼ of nw ¼	7	7	97	48	40	Sioux.
152	ne of sw ¼	7	7	97	48	56.34	Sioux.
153	lot 1	7	7	97	48	41.82	Sioux.
151	lot 2	7	7	97	48	33.90	Sioux.
152	lot 3	7	7	97	48	33.46	Sioux.
152	lot 4	7	7	97	48	41.44	Sioux.
153	lot 1	17	97	48	51.95	Sioux.	
153	lot 2	18	97	48	24.82	Sioux.	
153	lot 1	18	97	48	47.80	Sioux.	
153	lot 2	19	97	48	23.15	Sioux.	
152	lot 3	29	99	38	160	Buena Vista.	
173	sw ¼	29	99	38	160	Buena Vista.	
Total.....					1,063.18		

LANDS OBTAINED BY FORECLOSURE OF ENDOWMENT FUND LOANS.

PARTS OF SECTION.	RANGE.			ACRES.	COUNTY.	
	Sec.	Town.	Range.			
8½ of se ¼	32	99	31	80	Ringgold.	
sw ¼ of sw ¼	32	99	31	40	Ringgold.	
sw ¼ of sw ¼	13	79	24	40	Folk.	
Total.....					160	

DONATION FUND LANDS.

PARTS OF SECTION.	RANGE.			ACRES.	COUNTY.	
	Sec.	Town.	Range.			
n ½ of nw ¼ of ne ¼	19	84	24	20	Story.	
lots 3, 5, 6, 7 and 10 in block 11 and all of block 12 in Vests' addition to the village of New Philadelphia.....				1.50	Story.	
Total.....					21.50	

IOWA STATE COLLEGE FARM AND GROUNDS.

A description of lands donated to the Agricultural College and now occupied as the college farm in Story county.

PARTS OF SECTION.	Sec.			Range.	Acres.
	3	4	5		
w fr 1/2 of	3	83	24	258.24	
e fr 1/2 of	4	83	24	259.88	
e fr 1/2 of w 1/2 of	4	83	24	129.96	
off from the east side of the w 1/2 of nw 1/4	33	84	24	10	
also, so 1/2 of se 1/4	33	84	24	60	
w 1/2 of se 1/4	33	84	24	80	
e 1/2 of sw 1/4	33	84	24	60	
south of C. & N.-W. R. E. in the sw 1/4	33	84	24	2.51	
lot 3 in ne of ne	9	83	24	1	
Total acres college lands				841.39	

THE SWAMP LANDS.

Congress, by act of September 28, 1850, granted to the state of Iowa, all the swamp and overflowed lands within the state, that were not disposed of at that date. The act defines said lands to be all legal sub-divisions of the public lands, the greater part of which are wet and unfit for cultivation.

The act of March 2, 1855, provides that the purchasers of said lands from the government, subsequent to the date of the act making the grant, shall have patents for same, and that the state should receive the purchase money for all the tracts that were entered with cash, and for such as had been located with warrant or scrip, should be given a like amount of any public lands subject to entry, at \$1.25 per acre, or less and receive patents for same.

The act of March 3, 1857 continues the act of 1855 in force up to that date, and confirms the swamp selections that has been reported to the General land office, and provides that they shall be approved and patented to the state, except such tracts as have been disposed of for cash, warrant or scrip, as aforesaid.

The swamp land selections of the state are published in the biennial reports of the state land office of November 1, 1875, and October 1, 1881; the quantity not being given in the descriptive lists, but it is evident that the selections largely exceed the quantity the general government has accounted to the state for in swamp lands patented and indemnity given in lieu of swamp lands disposed of by the United States, subsequent to the approval of the act making the grant to the state.

There is a large quantity of land selected as swamp and overflowed, since the confirmatory act of March 3, 1857, that the Department of the Interior holds not to be of the character defined and granted by the act of 1850. The selecting agents may have erred in their judgment of the character of such lands, or were careless in their work of reporting the boundaries and descriptions of lands selected.

From the evidence furnished in the contested cases, it appears that large quantities of the lands selected as swamp are not of the character granted by the act of Congress.

The following statement, furnished by the commissioner of the general land office, shows the status of the swamp land grant accounted to the state of Iowa, by the general government:

1. Total quantity of swamp lands in place and swamp land cash and lands indemnity, in Iowa, selected, approved, and patented, from September 28, 1850 to June 30, 1899:

Selected	4,570,706.04 acres
Approved—lands in place	938,349.69 acres
Patented—lands in place	867,677.22 acres
Approved—cash indemnity	\$ 548,703.56
Approved—land indemnity	341,632.97 acres
Patented—indemnity lands	321,845.25 acres

2. Total quantity of swamp land selections rejected from July 1, 1897 to June 30, 1899, 412,851 acres.

3. Total quantity of swamp land selections remaining unadjusted on June 30, 1899:

Swamp lands in place claims	(not compiled)
Swamp lands indemnity claims	108,636.00 acres

The above data is extracted from the advance copy of the report for the fiscal year ending June 30, 1899, now in course of preparation by the commissioner of the general land office. The following statement was received from the commissioner of the general land office, in response to a request of this office, for information relative to the swamp land cash indemnity paid to the state of Iowa since July 1, 1898:

DEPARTMENT OF THE INTERIOR, GENERAL LAND OFFICE }
WASHINGTON, D. C., July 14, 1899. }

The Secretary of State, Des Moines, Iowa:

SIR—Complying with the request contained in your letter of the 10th inst., there is sent you, herewith, a list of swamp land cash indemnity claims paid the state of Iowa, during the fiscal years of 1898 and 1899.

Very respectfully,

BINGER HERMANN,
Commissioner.

STATEMENT No. 16.

Settlement of cash indemnity claims of the state of Iowa, during the period from July 1, 1889, to June 30, 1899. The tracts on which indemnity has been paid are situated in seven different counties as follows:

COUNTY.	DATE OF APPROVAL.	AMOUNT.	STATE AGENT.
Benton	May 6, 1899	\$ 100.00	Isaac E. Hitt.
Benton	May 6, 1899	672.40	Isaac E. Hitt.
Buchanan	April 15, 1899	300.00	J. N. Fronty.
Dallas	May 6, 1899	1,317.78	Isaac E. Hitt.
Hardin	May 6, 1899	459.90	Isaac E. Hitt.
Howard	June 15, 1899	1,877.74	Isaac E. Hitt.
Howard	June 28, 1899	3,319.14	Isaac E. Hitt.
Linn	June 7, 1898	535.43	J. N. Fronty.
Marshall	June 7, 1898	535.43	J. N. Fronty.
Total		\$5,530.40	

During the last biennial period, 1,415.92 acres of swamp lands in place have been patented to the state, and 240 acres of indemnity, or lands in lieu of swamp lands, all of which have been patented by the state to the counties entitled thereto. The following is a descriptive list of the lands so patented:

SWAMP LANDS PATENTED.

PARTS OF SECTION.				ACRES.	IN WHAT COUNTY SITUATED.
	Sec.	Town.	Range.		
nw of ne.....	30	100	3	40	Allamakee.
nw of se.....	29	70	18	40	Appanoose.
sw of se.....	14	83	34	40	Carroll.
s hf of se.....	14	83	34	80	Carroll.
lot north of Turkey river.....	2	91	3	5	Clayton.
sw of nw.....	32	81	E 2	40	Clinton.
ne of se.....	70	43		40	Fremont.
w hf of sw.....	30	68	43	59.16	Fremont.
ne of ne.....	7	81	33	40	Guthrie.
se of ne.....	3	92	27	40	Humboldt.
E of se.....	11	92	27	40	Humboldt.
lot 4.....	5	93	28	49.85	Humboldt.
lots 2 and 3.....	29	93	28	64.35	Humboldt.
lots 2 and 3.....	31	92	28	83.65	Humboldt.
w hf of nw.....	34	85	E 5	80	Jackson.
w hf of se.....	5	74	10	80	Keokuk.
n hf of nw.....	43	75	13	80	Keokuk.
e hf of se.....	30	73	1	80	Louisa.
ne of ne.....	39	73	1	40	Louisa.
unnumbered lot.....	36	76	5	5.40	Louisa.
nw of nw.....	6	94	32	35.58	Palo Alto.
nw of sw.....	24	79	34	40	Folk.
se qr.....	23	80	E 5	160	Scott.
se qr.....	9	80	E 4	160	Scott.
Total.....				1,415.92	

INDEMNITY SWAMP LANDS PATENTED.

PARTS OF SECTION.				ACRES.	IN WHAT COUNTY SITUATED.	TO WHAT COUNTY PATENTED.
	Sec.	Town.	Range.			
nw of nw.....	13	99	5	40	Allamakee...	Johnson.
ne of ne.....	29	100	37	40	Dickinson...	Johnson.
sw of se.....	17	92	31	40	Pocahontas...	Johnson.
sw of se.....	4	99	33	40	Pocahontas...	Johnson.
n hf of ne.....	7	99	25	80	Winnebago...	Johnson.
Total.....				240		

The following special swamp land indemnity certificates (or scrip) are deposited in this office, which authorize the location of 12,727.41 acres, as lands in lieu of swamp lands located with land warrants or scrip in the following counties, to-wit:

	ACRES.
Greene county (certificate No. 91).....	10,653.22
Guthrie county (certificate No. 94).....	1,840.00
Marion county (certificate No. 16).....	120.00
Chickasaw county (supplemental certificate No. 33).....	109.00

The several counties credited with these certificates are entitled to the indemnity, but the location of these certificates is confined to vacant lands within the state of Iowa, subject to sale at \$1.25 per acre. As there are no lands in the state upon which these certificates can be located, Congress

should, either allow the locations outside of the state of Iowa, or provide for payment of the indemnity due the state in cash.

The following is a list (number 64) of lands reported to the commissioner of the general land office, as swamp and overflowed land within the meaning of the act of September 23, 1850, based on the field notes of survey of A. W. Barber, detailed clerk of the general land office, who made additional surveys in township 97, north of ranges 34 and 35 west; survey made April 2 to 20, 1898. These lands were formerly erroneously included with Lost Island lake, in Palo Alto county.

LIST No. 64, OF LANDS REPORTED AS SWAMP AND OVERFLOWED.

PARTS OF SECTION.				ACRES.
	Sec.	Town.	Range.	
lot 12.....	29	97	34	6.67
lot 13.....	30	97	34	21.40
lot 4.....	30	97	34	39.64
lot 5.....	30	97	34	42.00
lot 7.....	30	97	34	22.36
lot 8.....	30	97	34	40.60
lot 9.....	30	97	34	38.93
lot 10.....	30	97	34	38.21
lot 11.....	30	97	34	38.00
lot 14.....	30	97	34	24.15
lot 15.....	23	97	35	33.20
lot 6.....	23	97	35	39.35
lot 7.....	23	97	35	19.80
lot 8.....	23	97	35	33.60
lot 9.....	23	97	35	37.45
lot 10.....	26	97	35	34.22
lot 8.....				
Total.....				533.71

INDEMNITY PAID SINCE JULY 1, 1889.

The following lists, furnished by the commissioner of the general land office, show the swamp lands on which indemnity has been paid since July 1, 1889. Prior lists of such lands were published in the reports of the state land department for the years 1873, 1877, 1885, 1887 and 1889.

STATEMENT NO. 17.

Lists of lands on the basis of which swamp land cash indemnity has been paid to the state of Iowa, during the period from July 1, 1887, to June 30, 1899.

PARTS OF SECTION.	Section.	Town.	Range.	Acres.	Price per acre.	Amount paid.
BENTON COUNTY—APPROVED MAY 6, 1899.						
se ¼ of se ¼	12	82	9	40	\$1.25	\$ 50.00
sw ¼ of sw ¼	12	82	9	40	1.25	50.00
Total				80		\$ 100.00
BUCHANAN COUNTY—APPROVED MAY 6, 1899.						
se ¼ of nw ¼	13	87	8	40	1.25	50.00
sw ¼ of ne ¼	25	87	8	40	1.25	50.00
nw ¼ of se ¼	28	87	8	40	1.25	50.00
sw ¼ of sw ¼	36	89	9	40	1.25	50.00
sw ¼ of sw ¼	36	89	9	40	1.25	50.00
n fr 1/2 of nw ¼	4	90	9	59.21	1.25	74.01
nw ¼ of se ¼	9	90	9	40	1.25	50.00
ne ¼ of ne ¼	23	90	9	40	1.25	50.00
e ½ of se ¼	13	89	10	80	1.25	100.00
sw ¼ of nw ¼	11	90	10	40	1.25	50.00
nw ¼ of sw ¼	18	90	10	38.71	1.25	48.29
Total				587.92		\$ 673.30
DALLAS COUNTY—APPROVED APRIL 15, 1899.						
nw ¼ of ne ¼	35	79	27	40	1.25	50.00
nw ¼ of ne ¼	35	79	27	40	1.25	50.00
ne ¼ of ne ¼	7	80	27	40	1.25	50.00
se ¼ of se ¼	7	80	27	40	1.25	50.00
sw ¼ of se ¼	1	81	28	40	1.25	50.00
se ¼ of sw ¼	1	81	28	40	1.25	50.00
Total				240		\$ 300.00
HARDIN COUNTY—APPROVED MAY 6, 1899.						
n ¼ of se ¼	2	89	19	120	1.25	150.00
ne ¼ of sw ¼	29	89	19	40	1.25	50.00
ne ¼ of ne ¼	18	88	39	54.23	1.25	67.78
n fr 1/2 of sw ¼	21	87	20	40	1.25	50.00
se ¼ of nw ¼	26	87	20	40	1.25	50.00
ne ¼ of se ¼	9	88	21	40	1.25	50.00
sw ¼ of sw ¼	1	87	21	80	1.25	100.00
e ½ of sw ¼	1	87	21	40	1.25	50.00
nw ¼ of sw ¼	1	87	21	40	1.25	50.00
ne ¼ of ne ¼	12	87	21	40	1.25	50.00
nw ¼ of ne ¼	12	87	21	40	1.25	50.00
n ½ of nw ¼	12	87	21	80	1.25	100.00
se ¼ of ne ¼	35	87	21	80	1.25	100.00
nw ¼ of ne ¼	25	88	21	40	1.25	50.00
ne ¼ of nw ¼	29	88	21	40	1.25	50.00
ne ¼ of se ¼	32	88	21	40	1.25	50.00
e ½ of se ¼	36	87	22	80	1.25	100.00
w ¼ of se ¼	36	87	22	80	1.25	100.00
se ¼ of sw ¼	36	87	22	40	1.25	50.00
Total				1,054.23		\$1,317.78

STATEMENT NO. 17—CONTINUED.

PARTS OF SECTION.	Section.	Town.	Range.	Acres.	Price per acre.	Amount paid.
HOWARD COUNTY, NO. 1—APPROVED MAY 6, 1899.						
se ¼ of se ¼	7	97	11	40	1.25	50.00
ne ¼ of se ¼	12	97	11	40	1.25	50.00
ne ¼ of se ¼	12	97	11	40	1.25	50.00
sw ¼ of se ¼	14	98	13	40	1.25	50.00
sw ¼ of sw ¼	23	98	13	40	1.25	50.00
sw ¼ of nw ¼	23	98	13	40	1.25	50.00
se ¼ of sw ¼	10	97	14	40	1.25	50.00
se ¼ of sw ¼	19	98	14	40	1.25	50.00
ne ¼ of ne ¼	22	98	14	40	1.25	50.00
Total				360		\$ 450.00
HOWARD COUNTY, NO. 2—APPROVED JUNE 15, 1899.						
sw ¼ of nw ¼	2	97	11	40	1.25	50.00
ne ¼ of sw ¼	5	97	11	40	1.25	50.00
se ¼ of nw ¼	15	97	11	40	1.25	50.00
sw ¼ of sw ¼	4	98	11	40	1.25	50.00
sw ¼ of ne ¼	9	98	11	40	1.25	50.00
ne ¼ of sw ¼, sw ¼ of sw ¼	9	98	11	80	1.25	100.00
w ¼ of se ¼	5	98	11	80	1.25	100.00
ne ¼ of ne ¼	7	97	12	120	1.25	150.00
ne ¼ of sw ¼	8	97	12	40	1.25	50.00
nw ¼ of ne ¼	17	97	12	40	1.25	50.00
se ¼ of sw ¼	3	97	13	40	1.25	50.00
nw ¼ of ne ¼	9	97	13	40	1.25	50.00
ne ¼ of nw ¼	30	98	13	40	1.25	50.00
sw ¼ of ne ¼	32	98	13	40	1.25	50.00
sw ¼ of sw ¼	5	97	14	40	1.25	50.00
sw ¼ of sw ¼	5	97	14	40	1.25	50.00
nw frac of ne ¼	6	98	14	38.51	1.25	48.14
sw ¼ of nw ¼	14	98	14	40	1.25	50.00
sw ¼ of se ¼	19	98	14	40	1.25	50.00
nw ¼ of se ¼	29	98	14	40	1.25	50.00
nw ¼ of nw ¼	30	98	14	37.17	1.25	46.46
ne ¼ of sw ¼	30	98	14	40	1.25	50.00
nw ¼ of sw ¼	30	98	14	38.51	1.25	48.14
n ½ of se ¼	30	98	14	80	1.25	100.00
sw ¼ of se ¼	30	98	14	40	1.25	50.00
nw ¼ of ne ¼	31	98	14	120	1.25	150.00
se ¼ of se ¼	32	98	14	40	1.25	50.00
sw ¼ of ne ¼	34	98	14	40	1.25	50.00
ne ¼ of se ¼	35	98	14	40	1.25	50.00
e ½ of ne ¼	30	99	14	80	1.25	100.00
Total				1,470.19		\$1,837.74
LINN COUNTY—APPROVED JUNE 20, 1899.						
sw ¼ of se ¼	5	86	6	40	1.25	50.00
se ¼ of ne ¼	13	86	5	80	1.25	100.00
ne ¼ of se ¼	13	86	5	40	1.25	50.00
ne ¼ of ne ¼	21	86	5	49	1.25	61.25
nw ¼ of sw ¼	11	84	6	40	1.25	50.00
sw ¼ of ne ¼	14	84	6	80	1.25	100.00
se ¼ of nw ¼	10	85	6	8.28	1.25	10.35
lot 1	18	86	6	40	1.25	50.00
se ¼ of ne ¼	18	86	6	40	1.25	50.00
se ¼ of nw ¼	13	84	40	29.66	1.25	37.07 1/2
ne ¼ of nw ¼	2	85	7	40	1.25	50.00
se ¼ of sw ¼	4	85	7	40	1.25	50.00
se ¼ of nw 1/2, nw ¼ of ne ¼	5	85	7	38.87 1/2	1.25	48.59 1/2
ne ¼ of sw ¼, nw ¼ of ne ¼	11	85	7	80.00	1.25	100.00
sw ¼ of ne ¼	13	85	7	40	1.25	50.00
ne ¼ of sw ¼	19	85	40	1.25	50.00	
se ¼ of nw ¼	24	85	7	40	1.25	50.00
sw ¼ of ne ¼	26	85	7	40	1.25	50.00
ne ¼ of sw ¼	27	85	7	40	1.25	50.00
ne ¼ of sw ¼	35	85	40	1.25	50.00	
sw ¼ of sw ¼	4	86	7	40	1.25	50.00
n ½ of nw ¼, se of nw ¼	9	86	7	120	1.25	150.00

STATEMENT No. 17—CONTINUED.

PARTS OF SECTION.	Section.	Town.	Range.	Acres.	Price per acre.	Amount paid.
LINN COUNTY—continued.						
ne ¼ of sw ¼	19	86	7	40	1.00	40.00
nw ¼ of se ¼	20	86	7	40	1.25	50.00
se ¼ of nw ¼	22	86	7	40	1.25	50.00
sw ¼ of ne ¼	28	86	7	40	1.25	50.00
se ¼ of se ¼	28	86	7	40	1.25	50.00
e ½ of sw ¼	29	86	7	80	1.25	100.00
sw ¼ of ne ¼, se ¼ of nw ¼	30	86	7	80	1.25	100.00
sw ¼ of se ¼	30	86	7	40	1.25	50.00
ne or, ne ¼ of nw ¼	31	86	7	300	1.25	250.00
nw ¼ of se ¼	31	86	7	40	1.25	50.00
sw ¼ of ne ¼	32	86	7	40	1.25	50.00
sw ¼ of sw ¼	32	86	7	40	1.25	50.00
ne ¼ of sw ¼	32	86	7	40	1.25	50.00
se ¼ of nw ¼	21	85	8	40	1.25	50.00
ne ¼ of nw ¼	12	85	8	40	1.25	50.00
sw ¼ of sw ¼	13	85	8	40	1.25	50.00
nw ¼ of nw ¼	1	86	8	34.75	1.25	43.44
se ¼ of sw ¼	1	86	8	80	1.25	100.00
nw ¼ of se ¼	9	86	8	40	1.25	50.00
sw ¼ of ne ¼	11	86	8	40	1.25	50.00
se ¼ of se ¼	14	86	8	160	1.00	160.00
ne ¼ of ne ¼, s ½ of ne ¼	13	86	8	40	1.00	40.00
sw ¼ of ne ¼	13	86	8	40	1.00	40.00
nw ¼ of se ¼	13	86	8	40	1.00	40.00
sw ¼ of sw ¼	18	86	8	80	1.25	100.00
nw ¼ of nw ¼	21	86	8	40	1.25	50.00
sw ¼ of nw ¼	21	86	8	40	1.25	50.00
nw ¼ of sw ¼	24	86	8	100	1.00	100.00
se ¼	25	86	8	80	1.25	100.00
n ½ of ne ¼	36	86	8	40	1.25	50.00
ne ¼ of ne ¼	36	86	8	40	1.25	50.00
Total.....				2,743.81		\$ 3,919.14
MARSHALL COUNTY—APPROVED JUNE 7, 1868.						
n ½ of sw ¼	5	82	17	80	1.25	100.00
ne ¼ of ne ¼	8	82	17	40	1.25	50.00
ne ¼ of se ¼	21	83	18	40	1.25	50.00
n ½ of sw ¼	23	83	18	80	1.25	100.00
n 1/4 1/4 of nw ¼	2	84	19	106.75	1.25	133.43
se ¼ of sw ¼	5	85	19	40	1.25	50.00
ne ¼ of sw ¼	23	85	19	40	1.25	50.00
Total.....				426.75		\$ 533.43
Total number of acres.....				6,912.40		
Total cash indemnity paid.....						\$ 5,390.40

STATEMENT No. 18.

LANDS ON WHICH INDEMNITY CLAIM IS HELD FOR REJECTION.

The following is a list of lands claimed as swamp and overflowed in the several counties therein named, upon which the claims for indemnity, under acts of congress of March 2, 1855, and March 3, 1857, are rejected, or held for rejection by the commissioner of the general land office. The list is copied from notices received from the commissioner during the last two years. The quantities were not carried out in the notices.

PARTS OF SECTION.	Section.	Town.	Range.
ADAMS COUNTY.			
sw of nw.....	30	71	35
sw of nw.....	4	73	35
n ½ of se.....	6	73	35
ne of sw.....	6	73	35
AUBURN COUNTY.			
se of se.....	4	80	36
sw of sw.....	5	80	36
se of sw.....	5	80	36
s ½ of ne.....	5	80	36
nw of nw.....	15	80	36
BLACK HAWK COUNTY.			
ne of sw.....	26	89	12
se of nw.....	26	89	12
BUENA VISTA COUNTY.			
s ½ of se.....	2	90	35
n ½ of nw, sw of nw, se of ne and se	4	90	35
sw of nw, nw of sw, s ½ of se, s ½ of sw.....	6	90	35
ne ¼, nw of sw.....	8	90	35
nw of nw, sw of nw, sw of se, se of se, nw of sw.....	10	90	35
nw ¼	12	90	35
se of ne, ne of nw, ne of se, s ½ of sw.....	15	90	35
ne of ne, sw of nw.....	20	90	35
ne of ne, se of ne, sw of nw.....	22	90	35
nw of ne, w ½ of nw, nw of ne, ne of sw.....	24	90	35
nw of sw.....	26	90	35
nw of ne, nw of sw, ne of se.....	28	90	35
ne of ne, nw of ne, s ½ of sw.....	30	90	35
ne of ne, nw of ne, n ½ of nw, se of nw.....	32	90	35
n ½ of ne, se of ne, ne of nw, ne of se.....	34	90	35
se of nw.....	36	90	35
ne of sw, nw of sw.....	8	91	35
nw of ne, sw of ne, nw of nw.....	8	91	35
e ½ of sw.....	12	91	35
e ½ of se, nw of sw, sw of nw.....	14	91	35
ne of ne, w ½ of ne.....	15	91	35
n ½ of ne, sw of nw, ne of sw, ne of se.....	22	91	35
nw of ne, sw of se.....	24	91	35
nw of nw, w ½ of sw.....	24	91	35
nw of ne, ne of se.....	25	91	35
s ½ of nw, n ½ of sw.....	30	91	35
sw ¼, nw of se.....	30	91	35
ne of nw, ne of sw.....	33	91	35

STATEMENT No. 18—CONTINUED.

PART OF SECTION.	Section.	Town.	Range.
BUENA VISTA COUNTY.			
ne of ne, nw ½, ne of sw, sw of sw.	36	92	35
n ½ of ne, se of ne, nw of ne, ne of se.	5	92	35
nw of nw, ne of sw, sw of sw.	6	92	35
w ½ of nw, nw of sw.	8	92	35
ne of ne.	14	92	35
ne ½.	14	92	35
se of ne, sw of sw.	18	92	35
sw ¾.	20	92	35
e ½ of ne.	26	92	35
n ½ of sw.	30	92	35
nw of nw, e ½ of se, ne of sw.	36	92	35
e ½ of ne, nw of se, nw of sw.	4	92	35
n ½ of nw, n ½ of se, se of se.	6	92	35
se of ne, nw of sw.	8	92	35
ne of se, s ½ of se, ne of sw, sw of sw.	10	92	35
se of se, sw of sw.	12	92	35
ne of se, n ½ of sw.	14	92	35
w ½ of nw.	18	92	35
sw of se.	20	92	35
se of ne.	22	92	35
nw of ne, n ½ of nw, se of ne.	24	92	35
sw of nw, se of se, sw of sw.	24	92	35
w ½ of nw.	30	92	35
nw of nw, s ½ of nw, nw of sw.	30	92	35
e ½ of se.	34	92	35
ne of ne, s ½ of ne.	34	92	35
se ¼.	2	90	36
n ½ of ne, e ½ of nw.	4	90	36
s ½ of ne, sw of nw, w ½ of se, ne of sw, sw of sw.	4	90	36
ne of se, w ½ of sw.	8	90	36
se of se, n ½ of sw.	10	90	36
n ½ of ne, se of sw.	12	90	36
sw of nw, sw ½.	14	90	36
sw of nw, nw of sw.	18	90	36
e ½ of nw.	22	90	36
nw of nw, sw of sw.	24	90	36
ne of ne, s ½ of se, n ½ of sw.	28	90	36
ne of ne, nw of sw, se of se, ne of sw.	30	90	36
sw of se.	30	90	36
nw of ne, s ½ of ne, se of nw.	34	90	36
w ½ of nw, ne of se, s ½ of se.	36	90	36
e ½ of ne, e ½ of se.	6	91	39
ne of ne, sw of sw.	6	91	39
ne of ne, n ½ of nw, sw of nw.	8	91	39
e ½ of se, nw of nw, e ½ of sw.	8	91	39
w ½ of ne, e ½ of sw, n ½ of sw of sw.	12	91	39
ne, n ½ of se.	14	91	39
ne of ne, s ½ of ne, nw of nw, ne of se, sw of se.	20	91	39
se of ne, nw of nw, ne of se, nw of sw.	20	91	39
ne ¼ of nw ¼, sw of se, n ½ of sw.	24	91	39
sw ¾, s ½ of nw.	28	91	39
sw of nw.	28	91	39
ne ¼, sw of nw, nw of se, s ½ of se.	30	91	39
ne of se, sw of se.	36	91	39
se ¾.	2	92	36
nw of nw, se of se.	2	92	36
e ½ of ne, se ¼, ne of nw, s ¼ of nw, ne of sw, s ½ sw.	6	92	36
nw of nw, sw of nw, ne of se, nw of sw.	6	92	36
n ½ of ne, sw of ne, nw of se, ne of sw.	8	92	36
e ½ of sw.	8	92	36
se of ne, se of nw, ne of se, sw ¾.	12	92	36
se of se.	14	92	36
sw of nw.	14	92	36
s ½, n ½ of sw, nw of nw, s ½ of nw.	20	92	36
nw of ne, nw ¼.	22	92	36
ne of ne, se of se.	26	92	36
nw of ne, se of ne, w ¾.	26	92	36
e ½ of sw.	28	92	36
ne ¼, nw of nw, nw of se.	32	92	36
w ½ of ne, n ½ of nw, w ½ of sw, se of sw.	32	92	36
ne of ne, se of se.	34	92	36

STATEMENT No. 18—CONTINUED.

PART OF SECTION.	Section.	Town.	Range.
BUENA VISTA COUNTY—Continued.			
se of ne.	26	92	36
sw ¾.	5	92	36
sw of nw, n ½ of se, se of se, n ½ of sw.	6	92	36
nw of ne, se of nw, ne of sw, n ½ of nw.	12	92	36
ne of ne, nw of nw, s ¼ of nw.	14	92	36
sw of sw.	20	92	36
sw of nw, nw of sw.	21	92	36
sw of nw, e ¼ of se, ne of sw.	26	92	36
sw of ne, se of nw, se of se, sw ¼.	30	92	36
se ¼, s ½ of sw.	30	92	36
ne ¼, nw of nw, se ¼.	32	92	36
e ¼, nw of sw, s ¾ of sw.	32	92	36
ne of ne, s ¼ of ne, n ½ of nw, sw of nw.	34	92	36
ne of ne, ne of sw, w ¾ of sw.	36	92	36
n ½ of ne ¼.	6	90	37
e ¼ of ne, sw of ne, se ¼.	8	90	37
lots 3 and 4.	12	90	37
nw of nw, se of nw, s ½ of se.	14	90	37
se of ne, lots 3 and 4.	24	90	37
ne of ne.	24	90	37
ne of ne, sw of ne, s ½ of nw.	36	90	37
ne of sw, s ½ of sw, nw of sw.	2	91	37
s ½ of sw ¼.	2	91	37
s ½ of ne, nw of se.	10	91	37
nw of sw.	12	91	37
n ½ of ne, w ¼ of nw, se of se, sw of sw.	12	91	37
w ¼ of nw, s ½ of sw.	20	91	37
sw of nw, ne of sw.	22	91	37
e ¼ of ne.	24	91	37
sw of nw.	26	91	37
nw of nw, s ¼ of nw, e ¼ of se, sw of sw.	28	91	37
w ½ of ne, ne of nw, sw of nw, ne of se, w ½ of sw.	28	91	37
se of nw, sw ¼.	34	91	37
se of ne, n ½ of nw, n ½ of se, n ½ of sw.	36	91	37
sw of nw, w ¼ of sw.	4	92	37
ne of se.	4	92	37
n ½ of ne, nw of nw, nw of sw.	6	92	37
ne of se.	6	92	37
ne ¼.	10	92	37
nw of nw, sw of sw.	12	92	37
se of ne, nw of sw, ne of sw.	14	92	37
nw of sw.	20	92	37
se of ne, nw of sw, ne of sw.	28	92	37
ne of ne, se of se, nw of sw.	28	92	37
se of se.	26	92	37
se of ne.	26	92	37
nw of sw, sw of sw.	28	92	37
ne of nw.	36	92	37
nw of nw.	2	93	37
nw of sw, sw of sw.	2	93	37
e ½ of ne, sw of ne, ne of sw, sw of sw.	6	93	37
sw of se, se of sw.	12	93	37
w ¼ of ne, e ¼ of nw, ne of sw, s ½ of sw.	12	93	37
ne of ne.	26	93	37
nw of nw, ne of se, ne of sw.	26	93	37
ne of se.	20	93	38
s ½ of ne, e ¼ of nw, n ½ of se, se of se, n ½ of sw.	2	90	38
s ½ of ne.	10	90	38
se of se.	14	90	38
ne of ne, ne of se.	14	90	38
e ¼ of ne.	18	90	38
w ¼ of ne.	18	90	38
s ½ of ne, s ¾ of nw.	22	90	38
sw of nw, nw of sw.	24	90	38
s ¼ of nw.	24	90	38
n ½ of nw, sw of sw.	4	91	38
sw of sw.	6	91	38
s ¼ of ne.	6	91	38
se of ne.	20	91	38
sw of sw.	24	91	38
ne of ne, ne of se.	24	91	38
e ¼ of ne.	12	92	38
s ½ of ne, s ¾ of nw.	12	92	38
sw of nw, nw of sw.	24	92	38
s ¼ of nw.	24	92	38
n ½ of nw, sw of sw.	4	91	38
sw of sw.	6	91	38
s ¼ of se.	20	91	38
se of se.	20	91	38
sw of sw.	24	91	38
ne of ne, ne of se.	24	91	38
e ¼ of ne.	12	92	38
se of ne, ne of se.	12	92	38

PARTS OF SECTION.	Section.	Town.	Range.
BUENA VISTA COUNTY—Continued.			
ne of ne.	18	92	38
nw of ne, se of se.	24	92	38
sw of ne, se of ne, n 1/2 of nw.	26	92	38
ne of ne, se of ne, ne of se.	30	92	38
w 1/2 of nw.	34	92	38
n 1/2 of ne, nw of nw.	36	92	38
w 1/2 of nw.	2	93	38
nw of nw, sw of ne, nw of se, se of se.	10	93	38
ne of ne, nw of ne.	12	93	38
se of nw, ne of sw, sw of sw.	12	93	38
CALHOUN COUNTY.			
sw of sw.	22	86	31
w 1/2 of nw, nw of sw, s 1/2 of sw.	28	86	31
e 1/2 of ne, se of se, se of sw.	18	88	31
sw of ne, n 1/2 of nw.	20	88	31
ne of ne, sw of ne, nw of nw.	22	88	31
ne of ne.	32	88	31
nw of se.	8	89	31
nw of nw.	20	89	31
nw of se.	30	89	31
se of ne, w 1/2 of se.	2	87	32
ne of nw.	20	87	32
nw of ne, ne of nw.	28	87	32
e 1/2 of ne, se of nw, ne of sw, sw of se.	24	88	32
se of ne.	36	88	32
sw of ne, se of nw.	24	88	33
e 1/2 of nw, e 1/2 of sw.	26	88	33
s 1/2 of nw.	36	88	33
n 1/2 of ne.	7	86	34
nw of ne, ne of sw, sw of se.	20	88	34
nw of nw.	26	88	34
se of se.	34	88	34
sw of ne, se of nw, e 1/2 of sw.	2	89	34
se of ne, e 1/2 of se.	4	89	34
w 1/2 of nw, e 1/2 of se.	10	89	34
nw of ne, s 1/2 of ne, n 1/2 of nw, ne of sw, n 1/2 of se.	12	89	34
e 1/2 of ne, sw of nw, w 1/2 of sw, e 1/2 of se.	14	89	34
e 1/2 of ne, sw of ne.	24	89	34
ne of nw, nw of nw, sw of nw.	28	89	34
CARROLL COUNTY.			
nw of se.	2	82	34
s 1/2 of se, se of sw, sw of sw.	8	82	34
ne of nw.	4	82	34
sw of ne, ne of nw, n 1/2 of se.	7	82	34
nw of sw.	8	82	34
ne of ne.	9	82	34
ne of nw.	10	82	34
n 1/2 of nw, se of nw, e 1/2 of sw, s 1/2 of se.	11	82	34
nw of nw.	13	82	34
ne of ne, se of se, nw of ne.	14	82	34
nw of ne, se of ne, ne of se.	17	82	34
se of nw.	22	82	34
s 1/2 of ne, e 1/2 of se, sw of se, ne of sw.	2	83	34
n 1/2 of se, s 1/2 of sw.	12	83	34
n 1/2 of ne.	18	83	34
nw of ne, nw 1/4, ne of sw, nw of se, s 1/2 of se.	24	83	34
s 1/2 of sw.	33	83	34
nw of ne, s 1/2 of ne, nw 1/4 and s 1/4.	14	84	34
ne of ne, s 1/2 of ne, se 1/4, ne of sw.	22	84	34
s 1/2 of ne, ne of nw, s 1/2 of nw.	26	84	34
n 1/2 of se, sw of se, sw 1/4.	26	84	34
s 1/2 of se 1/4.	28	84	34
ne 1/4, n 1/2 of nw, se of nw, n 1/2 of se, se of se.	34	84	34
nw of se, s 1/2 of se, sw 1/4.	36	84	34
ne of nw, ne of se.	12	85	34
se of se, ne of ne.	20	82	35
sw of ne, ne of nw, ne of se.	28	82	35
w 1/2 of nw, e 1/2 of sw.	34	82	35
e 1/2 of sw.	6	83	35
sw of sw.	8	83	35
w 1/2 of sw.	4	84	35
sw of ne, ne of se, n 1/2 of nw.	6	84	35

PARTS OF SECTION.	Section.	Town.	Range.
CARROLL COUNTY—Continued.			
n 1/2 of nw, se of nw, s 1/2 of ne, ne of ne.	8	84	35
s 1/2 of sw, nw of sw.	14	84	35
e 1/2 of se, se of sw.	18	84	35
e 1/2 of ne, ne of se, s 1/2 of se.	24	84	35
nw of sw.	24	84	35
n 1/2 of ne, ne of nw.	34	84	35
ne of sw, n 1/2 of se.	34	84	35
sw of nw, nw of sw.	36	84	35
s 1/2 of se.	12	84	36
se of se.	22	84	36
se of se.	36	84	36
CASS COUNTY.			
ne of sw.	7	74	34
nw of se.	14	74	35
se of se.	19	74	35
se of se.	30	74	35
n 1/2 of ne.	6	74	36
se of nw.	32	76	36
s 1/2 of se.	34	76	36
se of se.	30	76	37
CHEROKEE COUNTY.			
ne of sw, se of sw.	26	90	39
CLAY COUNTY.			
nw 1/4.	2	94	36
ne 1/4, n 1/2 of nw, se of nw, ne of sw, s 1/2 of sw.	6	94	36
n 1/2 of se, sw of se.	6	94	36
e 1/2 of ne, nw 1/4, s 1/2 of.	12	94	36
n 1/2 of ne, nw 1/4, sw 1/4, nw of se, s 1/2 of se.	14	94	36
w 1/2.	19	94	36
s 1/2 of ne, s 1/2 of nw, s 1/2 of.	20	94	36
sw 1/4, s 1/2 of se 1/4.	21	94	36
w 1/2 of ne, nw 1/4, s 1/2 of.	24	94	36
ne 1/4, e 1/2 of nw 1/4, s 1/2 of.	26	94	36
nw 1/4.	28	94	36
n 1/2 of ne.	29	94	36
w 1/2 of se, se of se, e 1/2 of sw.	31	94	36
ne 1/4, ne of nw, s 1/2 of nw, sw 1/4, se 1/4.	32	94	36
n 1/2 of sw, sw of sw.	33	94	36
nw 1/4, sw 1/4, se 1/4.	34	94	36
ne 1/4, nw 1/4, sw 1/4, se 1/4.	36	94	36
se of sw.	4	95	36
nw of se.	6	95	36
ne of ne, s 1/2 of se.	8	95	36
s 1/2.	9	95	36
ne 1/4, e 1/2 of nw, s 1/2 of.	21	95	36
ne of ne.	22	95	36
all of.	27	95	36
all of.	28	95	36
all of.	29	95	36
all of.	30	95	36
all of.	32	95	36
all of.	33	95	36
nw of nw.	34	95	36
s 1/2 of ne, s 1/2 of nw, s 1/2 of sw, se 1/4.	2	96	36
all of.	8	96	36
e 1/2 of nw, w 1/2 of sw, se 1/4.	12	96	36
ne of se.	20	96	36
ne of ne.	24	96	36
nw of sw.	23	96	36
ne of ne.	29	96	36
nw 1/4, e 1/2 of.	30	96	36
n 1/2, sw 1/4, w 1/2 of se.	32	96	36
nw 1/4, s 1/2 of se.	2	97	36
nw 1/4, e 1/2 of.	4	97	36
ne 1/4, nw 1/4, sw 1/4.	8	97	36
s 1/2 of ne, nw 1/4, sw 1/4, se 1/4.	14	97	36
s 1/2 of ne, s 1/2 of nw, se 1/4.	20	97	36
ne 1/4, s 1/2 of nw, s 1/2 of.	22	97	36
ne 1/4, n 1/2 of nw 1/4, sw 1/4, e 1/2 of se.	28	97	36
ne 1/4, nw 1/4, s 1/2 of sw, s 1/2 of se.	28	97	36
ne 1/4, nw 1/4, sw 1/4, n 1/2 of se.	30	97	36

STATEMENT No. 18—CONTINUED.

PARTS OF SECTION.	Section.	Town.	Range.
CLAY COUNTY—Continued.			
ne 1/4, n 1/2 of nw, sw 1/4, s 1/2 of se	32	97	36
n 1/2 of ne, s 1/2 of nw, s 1/2 of sw	34	97	36
sw of nw, se of sw	36	97	36
ne 1/4, nw 1/4, sw 1/4, e 1/2 of se	6	94	37
se of se	18	94	37
ne of ne, s 1/2 of nw, nw of sw	20	94	37
sw 1/4	28	94	37
nw 1/4, sw 1/4	30	94	37
ne 1/4	35	94	37
ne 1/4, nw 1/4, sw 1/4, se 1/4	36	94	37
w 1/4 of ne, nw 1/4, sw 1/4, se 1/4	2	95	37
ne 1/4, nw 1/4, sw 1/4, se 1/4	4	95	37
All of	6	95	37
n 1/2, n 1/2 of sw, n 1/2 of se	8	95	37
ne 1/4, nw 1/4, se 1/4	10	95	37
All of	12	95	37
n 1/2 of ne, nw 1/4, sw 1/4, se 1/4	14	95	37
ne 1/4, se 1/4	18	95	37
All of	22	95	37
All of	24	95	37
All of	26	95	37
s 1/2 of nw, sw 1/4	30	95	37
ne 1/4, nw 1/4, sw 1/4, n 1/2 of se	34	95	37
n 1/2, e 1/2 of se, sw 1/4	36	95	37
All of	24	96	37
All of	26	96	37
w 1/4 of ne 1/4, nw 1/4, sw 1/4	28	96	37
ne 1/4, nw 1/4, se 1/4	2	97	37
n 1/2 of ne 1/4, nw 1/4, n 1/2 of sw 1/4	10	97	37
All of	14	97	37
w 1/4	18	97	37
All of	22	97	37
All of	24	97	37
n 1/2 of sw, sw of sw	26	97	37
ne of ne	36	97	37
ne 1/4, nw 1/4, n 1/2 of sw, se 1/4	4	97	38
s 1/2 of ne, nw 1/4, se 1/4	6	94	38
s 1/2 of	9	94	38
ne 1/4, nw 1/4, se 1/4	10	94	38
e 1/2 of ne, sw of ne, nw 1/4, s 1/2 of	12	94	38
s 1/2 of ne, w 1/2, se 1/4	14	94	38
ne 1/4, n 1/2 of nw, sw of nw, s 1/2	17	94	38
All of	18	94	38
ne 1/4, nw of se, s 1/2 of se	19	94	38
ne 1/4, nw 1/4, sw 1/4, se 1/4	20	94	38
ne 1/4, nw 1/4, n 1/2 of sw, e 1/2 of se	21	94	38
All of	22	94	38
ne 1/4, s 1/2 of nw, sw 1/4, se 1/4	24	94	38
ne 1/4, e 1/2 of nw, s 1/2 of	2	95	38
ne 1/4, nw 1/4, se 1/4	4	95	38
All of	6	95	38
ne 1/4, nw 1/4, sw 1/4, w 1/2 of se	8	95	38
ne 1/4, nw 1/4, sw 1/4	10	95	38
ne 1/4, nw 1/4, sw 1/4, n 1/2 of se	12	95	38
All of	14	95	38
ne 1/4, nw 1/4, sw 1/4, s 1/2 of se	18	95	38
ne 1/4, e 1/2 of nw, e 1/2 of sw, se 1/4	20	95	38
ne 1/4, nw 1/4, sw 1/4, n 1/2 of se	22	95	38
All of	24	95	38
ne 1/4, nw 1/4, sw 1/4	26	95	38
ne 1/4, nw 1/4, e 1/2 of sw, se 1/4	28	95	38
ne 1/4, nw 1/4, sw 1/4	30	95	38
e 1/2 of ne, e 1/2 of nw, s 1/2 of sw, se 1/4	32	95	38
ne 1/4, nw 1/4, s 1/2 of sw, se 1/4	34	95	38
All of	36	95	38
All of	1	96	38
ne 1/4, nw 1/4, w 1/2 of sw, se 1/4	2	96	38
ne 1/4, n 1/2 of nw, sw 1/4	3	96	38
All of	4	96	38
All of	5	96	38
s 1/2 of ne, nw 1/4, nw of sw, e 1/2 of sw, se 1/4	6	96	38
All of	7	96	38
All of	8	96	38
All of	9	96	38

STATEMENT No. 18—CONTINUED.

PARTS OF SECTION.	Section.	Town.	Range.
CLAY COUNTY—Continued.			
All of	10	96	38
All of	11	96	38
All of	12	96	38
ne 1/4, nw 1/4, se of sw, se 1/4	13	96	38
All of	14	96	38
ne 1/4, n 1/2 of nw, se of nw, sw 1/4, se 1/4	15	96	38
All of	17	96	38
ne 1/4, w 1/2 of nw, sw 1/4, se 1/4	18	96	38
All of	19	96	38
All of	20	96	38
All of	21	96	38
All of	22	96	38
All of	23	96	38
All of	24	96	38
All of	25	96	38
All of	26	96	38
All of	27	96	38
All of	28	96	38
All of	29	96	38
All of	30	96	38
All of	31	96	38
All of	32	96	38
All of	33	96	38
All of	34	96	38
All of	35	96	38
All of	36	96	38
All of	1	97	38
All of	2	97	38
All of	3	97	38
All of	4	97	38
All of	5	97	38
ne 1/4, s 1/2 of nw, sw 1/4, se 1/4	6	97	38
ne 1/4, ne of nw, s 1/2 of nw, n 1/2 of sw, se of sw, se 1/4	7	97	38
All of	8	97	38
All of	9	97	38
All of	10	97	38
All of	11	97	38
All of	12	97	38
All of	14	97	38
All of	15	97	38
All of	17	97	38
All of	18	97	38
n 1/2, e 1/2 of sw, nw of sw, se 1/4	19	97	38
All of	20	97	38
All of	21	97	38
All of	22	97	38
All of	23	97	38
ne 1/4, s 1/2 of nw, ne of nw, e 1/2 of	24	97	38
All of	25	97	38
n 1/2, n 1/2 of sw 1/4, sw of sw, se 1/4	26	97	38
n 1/2, nw of sw, s 1/2 of sw, se	27	97	38
All of	28	97	38
All of	29	97	38
All of	30	97	38
All of	31	97	38
All of	32	97	38
All of	33	97	38
All of	34	97	38
All of	35	97	38
All of	36	97	38
CRAWFORD COUNTY			
nw of nw, se of nw, sw of ne, ne of ne	10	84	37
s 1/2 of se, e 1/2 of sw	15	84	37
s 1/2 of nw, nw of sw	20	84	37
s 1/2 of ne, sw 1/4, nw of se	30	84	37
ne 1/4, ne of nw, sw of nw, w 1/2 of sw, ne of sw, nw of se	6	85	37
s 1/2 of ne	28	85	37
n 1/2 of ne, sw of ne, e 1/2 of nw, e 1/2 of sw, w 1/2 of se	2	82	38
se of se	11	82	38
w 1/2 of ne, n 1/2 of se, se of se	14	82	38
e 1/2 of ne, e 1/2 of se	22	82	38
n 1/2 of ne, sw of ne, e 1/2 of nw, e 1/2 of sw, w 1/2 of se	12	82	38
nw 1/4, sw of sw, e 1/2 of sw	26	82	38

STATEMENT No. 18—CONTINUED.

PARTS OF SECTION.	Section.	Town.	Range.
CRAWFORD COUNTY—Continued.			
s 1/2 of sw, se 1/4	32	82	38
sw of ne, se of nw, n 1/2 of sw, nw of se	34	82	38
ne 1/4, n 1/2 of nw	32	83	38
ne of ne, sw of ne, s 1/2 of nw, n 1/2 of sw, sw of sw	36	84	38
s 1/2 of sw, n 1/2 of se, sw of se	12	85	38
w 1/2 of ne, e 1/2 of nw, e 1/2 of sw, w 1/2 of se	14	85	38
e 1/2 of se	22	85	38
nw of ne, e 1/2 of nw	28	85	38
ne of sw	2	83	39
sw of nw	15	83	39
sw of ne	20	83	39
nw of nw	21	83	39
nw of nw	29	83	39
ne of sw, nw of se	30	83	39
se of ne	31	83	39
ne of sw	31	83	39
ne of sw	35	84	39
e 1/2 of ne, nw of nw, se of nw	1	82	40
sw of ne, se of ne, s 1/2 of sw, w 1/2 of se, nw of se	2	82	40
e 1/2 of sw, s 1/2 of se	3	82	40
sw of ne	7	82	40
e 1/2 of nw, ne of sw, n 1/2 of se, se of se	8	82	40
s 1/2 of se	9	82	40
n 1/2 of nw	10	82	40
s 1/2 of nw, nw of sw	18	82	40
se 1/4, ne of sw, s 1/2 of sw	36	83	40
nw 1/4, n 1/2 of se, se of ne	8	84	40
s 1/2 of ne, s 1/2 of nw	10	84	40
n 1/2 of nw	11	84	40
DALLAS COUNTY			
nw of sw	13	79	27
se of ne	35	79	27
DICKINSON COUNTY			
n 1/2 of ne, sw of ne, e 1/2 of nw	4	98	35
nw of ne, se of ne, n 1/2 of nw, ne of sw, sw of sw	6	98	35
ne of ne, nw 1/4, sw 1/4	8	98	35
n 1/2 of nw, se of nw, s 1/2 of sw, se 1/4	10	98	35
se of ne, s 1/2 of nw, ne of se, ne of sw, s 1/2 of sw	12	98	35
ne 1/4, n 1/2 of nw, se of nw, e 1/2 of sw, se 1/4	14	98	35
e 1/2 of ne, w 1/2 of nw	18	98	35
e 1/2 of ne	24	98	35
e 1/2 of ne, sw of ne, ne of nw, s 1/2 of se	26	98	35
se of sw, nw of se	28	98	35
nw of nw, s 1/2 of nw	36	98	35
nw of nw	5	99	35
1/4 of ne	18	99	35
s 1/2 of ne, nw of nw, sw of sw	22	99	35
ne of ne, sw of nw, w 1/2 of sw, e 1/2 of se	24	99	35
e 1/2 of ne, se of nw, e 1/2 of sw, e 1/2 of se, sw of se	26	99	35
se of ne	28	99	35
ne of ne, sw of sw, ne of se	30	99	35
w 1/2 of nw, se of sw, sw of se, e 1/2 of se	34	99	35
ne of ne, nw 1/4, nw of sw, se of sw	36	99	35
s 1/2 of ne	7	100	35
e 1/2 of ne (or lot 1), w 1/2 of nw (or lot 4)	8	100	35
nw of se, se of se	8	100	35
sw of sw, ne of sw, se of se	14	100	35
w 1/2 of sw	17	100	35
ne of nw, se of se	18	100	35
e 1/2 of ne, e 1/2 of se	19	100	35
se of ne, n 1/2 of n w, sw of nw, w 1/2 of sw, ne of se	20	100	35
nw of nw, sw of se	22	100	35
w 1/2 of ne	24	100	35
w 1/2 of nw, nw of sw	28	100	35
w 1/2 of sw, w 1/2 of se	34	100	35
n 1/2 of ne, sw of ne, sw 1/4	2	98	36
ne of sw, w 1/2 of sw	7	98	36
n 1/2 of ne, ne of nw, se of se	10	98	36
s 1/2 of nw, sw of sw	12	100	36
nw of ne, n 1/2 of nw, s 1/2 of sw, ne of se, s 1/2 of se	14	100	36
ne of sw, s 1/2 of se	18	98	36
ne of nw, e 1/2 of se	20	98	36

STATEMENT No. 18—CONTINUED.

PARTS OF SECTION.	Section.	Town.	Range.
DICKINSON COUNTY—Continued.			
nw of ne, nw 1/4, sw 1/4, se 1/4	12	98	36
s 1/2 of ne, ne of nw, nw of sw, s 1/2 of sw, sw of se	24	98	36
n 1/2 of ne, se of ne, nw 1/4	26	98	36
n 1/2 of ne, se of ne, se of se	28	98	36
se of ne	30	98	36
w 1/2 of ne, ne of nw, e 1/2 of sw	34	98	36
nw of ne, nw of nw	36	98	36
n 1/2 of ne, n 1/2 of sw	5	98	37
nw of nw, se of nw	6	98	37
ne 1/4	7	98	37
ne 1/4, n 1/2 of se, se of se	8	98	37
sw of nw, w 1/2 of sw	9	98	37
se of ne, sw of se	10	98	37
nw of se, s 1/2 of se, ne of sw	11	98	37
ne of sw, sw of sw, nw of se, se of se	12	98	37
s 1/2 of sw	14	98	37
w 1/2 of ne	15	98	37
nw of ne, lot 2 or s 1/2 of ne, e 1/2 of sw, sw of sw	2	99	37
sw of ne, n 1/2 of nw, n 1/2 of sw	3	99	37
n 1/2 of ne, sw of ne	4	99	37
ne of ne, s 1/2 of ne, nw of nw, nw of se, n 1/2 of sw	5	99	37
n 1/2 of sw, se of sw, e 1/2 of	6	99	37
n 1/2 of nw, w 1/2 of sw	8	99	37
w 1/2 of nw, w 1/2 of sw, n 1/2 of se	10	99	37
n 1/2 of nw, nw of sw	11	99	37
nw of ne, nw of nw, s 1/2 of sw, s 1/2 of se	15	99	37
w 1/2 of se	17	99	37
se of sw, ne of se	18	99	37
e 1/2 of ne, e 1/2 of se	20	99	37
se of se	21	99	37
ne of nw	22	99	37
n 1/2 of ne, sw of ne, ne of nw	27	99	37
n 1/2 of nw, se of sw, se of ne	54	99	37
lot 1	35	99	37
lots 2, 4 and 5	36	99	37
ne of sw, nw of se	8	100	37
nw of se	9	100	37
se of ne, sw of ne, w 1/2 of sw, se of sw	10	100	37
lot 4 or sw of nw, nw of sw, se of sw, nw of se, se of se	11	100	37
s 1/2 of lot 2 (or sw of ne), n 1/2 of se	12	100	37
s 1/2 of se, sw of sw, e 1/2 of sw	12	100	37
se 1/4 of sw, s 1/2 of se	27	99	37
w 1/2 of nw, n 1/2 of sw, se of se	28	99	37
ne of se, s 1/2 of se, se of sw	29	99	37
sw of ne, ne of nw, s 1/2 of se	30	99	37
lot 3 or n 1/2 of ne, sw of nw, s 1/2 of se	31	99	37
ne of ne, s 1/2 of ne, s 1/2 of sw	32	99	37
w 1/2 of ne, sw of nw	33	99	37
w 1/2 of ne	34	99	37
w 1/2 of sw, sw of sw	13	100	37
lot 1 or n 1/2 of nw, ne of se	14	100	37
w 1/2 of nw, w 1/2 of sw, sw of se, e 1/2 of se	15	100	37
sw of ne, ne of sw, sw of sw, nw of se	18	100	37
ne of ne, sw of ne, n 1/2 of nw, se of nw, sw of sw, se of se	20	100	37
ne of nw, s 1/2 of nw, e 1/2 of sw, sw of se	21	100	37
nw of nw, se of nw, ne of sw	22	100	37
ne of ne, sw of ne, nw of sw, se of sw	23	101	37
nw of se, se of se	24	100	37
ne of ne, sw of ne, ne of se	25	100	37
sw of ne, n 1/2 of nw, n 1/2 of sw, sw of sw, e 1/2 of se	26	100	37
nw of ne, se of ne, w 1/2 of nw, nw of sw, e 1/2 of se	27	100	37
n 1/2 of nw, sw of nw, nw of sw	28	100	37
ne 1/4, e 1/2 of nw, ne of sw	30	100	37
n 1/2 of ne, sw of ne, e 1/2 of nw, w 1/2 of sw	32	100	37
sw of ne, se of nw, sw of sw	33	100	37
e 1/2 of ne, sw of nw, s 1/2 of sw, ne of se	34	100	37
se of ne, nw of nw, nw of sw, se of se	35	100	37
ne of ne, ne of nw, sw of nw, ne of sw, sw of sw, sw of se	36	100	37
nw of nw, n 1/2 of sw	2	98	38
s 1/2 of nw, nw of sw	4	98	38
se of ne, sw of nw, ne of se, s 1/2 of se	6	98	38
s 1/2 of ne, nw of nw, se of nw, n 1/2 of sw, se of sw, se 1/4	8	98	38
se of ne, sw of nw, ne of se	10	98	38
se of nw, e 1/2 of sw	14	98	38

STATEMENT No. 18—CONTINUED.

PARTS OF SECTION.	Section.	Town.	Range.
DICKINSON COUNTY—Continued.			
w 1/2 of nw, w 1/2 of sw	22	98	38
e 1/2 of sw	34	98	38
e 1/2 of ne, ne of nw, w 1/2 of nw, ne of sw	4	99	38
n 1/2 of se, se of sw	6	99	38
w 1/2 of sw	8	99	38
n 1/2 of ne, e 1/2 of sw, sw of se	10	99	38
nw of ne, s 1/2 of ne, e 1/2 of se	12	99	38
nw of nw	14	99	38
n 1/2 of ne, n 1/2 of se	18	99	38
nw of ne, ne of nw	20	99	38
e 1/2 of ne, nw of nw, se of se	24	99	38
w 1/2 of sw	26	99	38
n 1/2 of ne, n 1/2 of nw, sw of sw, ne of se	28	99	38
nw of nw	32	99	38
nw of nw, sw of sw, e 1/2 of se	34	99	38
se of se	36	99	38
se of ne, w 1/2 of nw, n 1/2 of se, w 1/2 of sw	8	100	38
se of ne, nw of sw, s 1/2 of sw, ne of se, sw of se	12	100	38
ne of sw, n 1/2 of se	14	100	38
lot 2 or se of ne, sw 1/4, ne of se	16	100	38
nw of ne, s 1/2 of ne, sw of nw, nw of sw, nw of se	18	100	38
e 1/2 of se	20	100	38
se of ne, n 1/2 of se, se of se	22	100	38
nw of nw, sw of sw	24	100	38
n 1/2 of ne, se of ne, se of nw, s 1/2 of	26	100	38
ne of ne, nw of nw	28	100	38
lot 2 or sw of sw	30	100	38
lot 4 or se of ne	32	100	38
ne of se, s 1/2 of se	34	100	38
e 1/2 of se, sw of sw	36	100	38
se of se, se of sw	36	100	38
nw of ne, sw of se	36	100	38
EMMET COUNTY			
n 1/2 of ne	1	98	31
n 1/2 of ne, se of ne, e 1/2 of se	1	99	31
w 1/2 of	2	99	31
n 1/2 of ne, n 1/2 of nw, se of se	3	99	31
ne of ne, w 1/2 of sw, se of sw	4	99	31
n 1/2 of ne, se of ne, se of sw	6	99	31
w 1/2 of nw, e 1/2 of sw	7	99	31
n 1/2 of ne, se of ne	10	99	31
nw 1/4, s 1/2 of se	11	99	31
e 1/2 of ne	12	99	31
n 1/2 of nw	13	99	31
nw of sw, s 1/2 of sw	14	99	31
w 1/2 of nw, w 1/2 of sw, se of sw	18	99	31
se of ne, n 1/2 of nw, w 1/2 of sw, ne of se	19	99	31
sw of nw	20	99	31
w 1/2 of nw, nw of sw	22	99	31
nw 1/4, sw 1/4	23	99	31
s 1/2 of sw	25	99	31
n 1/2 of ne, sw of ne, ne of nw, se of se	26	99	31
ne of ne, e 1/2 of se	28	99	31
nw of nw, sw 1/4, s 1/2 of se, ne of se	35	99	31
se 1/4	36	99	31
nw 1/4	7	100	31
ne 1/4	8	100	31
nw 1/4	9	100	31
lots 1, 2, 3, and 5	10	100	31
lot 1 and e 1/2 of ne, se of sw, se 1/4	11	100	31
n 1/2 of ne, n 1/2 of sw, sw of sw	12	100	31
w 1/2 and se 1/4	13	100	31
n 1/2 of ne	14	100	31
ne 1/4	19	100	31
nw 1/4, nw of se, s 1/2 of se	22	100	31
s 1/2 of se, s 1/2 of sw	23	100	31
nw of ne, n 1/2 of nw, w 1/2 of sw	24	100	31
n 1/2 of ne, se of ne, e 1/2 of se	25	100	31
se of ne, nw of se, s 1/2 of se, w 1/2 of	26	100	31
n 1/2 of sw, w 1/2 of se	27	100	31
nw of ne, s 1/2 of ne, s 1/2 of nw, w 1/2 of sw, n 1/2 of se	34	100	31
s 1/2 of ne, sw 1/4, n 1/2 of se, se of se	35	100	31
w 1/2 of se	36	100	31
18	98	32	

STATEMENT No. 18—CONTINUED.

PARTS OF SECTION.	Section.	Town.	Range.
EMMET COUNTY—Continued.			
nw 1/4	30	98	33
sw of sw	14	99	33
w 1/2 of sw, ne of sw	18	99	33
w 1/2 of nw, w 1/2 of sw	19	99	33
lots 1 and 2, nw of sw	20	99	33
se of se	26	99	33
lots 1, 2, 3 and e 1/2 of ne	29	99	33
lots 2, 3, 4 and e 1/2 of ne	31	99	33
lot 4	11	100	33
lot 1	12	100	33
s 1/2 of ne, n 1/2 of nw, sw of nw, sw of sw	29	100	33
ne of ne, w 1/2 of nw, se 1/4	30	100	33
w 1/2 of sw, se of sw, se of se	31	100	33
n 1/2 of ne, sw of nw, nw of sw, s 1/2 of sw, ne of se, s 1/2 of se	32	100	33
se of ne, sw of nw, n 1/2 of sw, e 1/2 of se	2	98	33
ne of ne, s 1/2 of ne, n 1/2 of se	4	98	33
ne 1/4, nw 1/4, sw 1/4	6	98	33
All of	7	98	33
se of nw, ne of se	10	98	33
lots 1, 2, 3 and e 1/2 of sw	11	98	33
lots 3, 4, 5, 6 and se of ne	12	98	33
lot 2 and sw of nw	13	98	33
lots 1, 3, 4, 5, 6, 7, 8 and nw of nw	14	98	33
lots 2, 3 and sw of sw	15	98	33
All of	18	98	33
nw of ne, s 1/2 of ne, n 1/2 of nw	20	98	33
se of ne	22	98	33
nw of ne, n 1/2 of nw, se of nw	24	98	33
ne of se, s 1/2 of se	26	98	33
sw of nw, sw 1/4, sw of se	28	98	33
ne 1/4, e 1/2 of nw, se 1/4	30	98	33
e 1/2 of	32	98	33
n 1/2 of ne, se of ne, s 1/2 of se	36	98	33
n 1/2 of ne, sw of ne	4	99	33
se of nw	6	99	33
se 1/4	8	99	33
se of se	10	99	33
se of se, ne of nw, w 1/2 of nw, se 1/4	18	99	33
w 1/2 of nw, nw of sw	20	99	33
se of ne, ne of nw, w 1/2 of nw, sw 1/4, nw of se, s 1/2 of se	30	99	33
ne 1/4, sw of se	31	99	33
n 1/2 of ne	32	99	33
lots 1, 2, 3, 4, 5, 6 and sw of sw, se of se	34	99	33
lots 3, 4, 5, 6, 7 and se of se	36	99	33
w 1/2 of nw	9	100	33
w 1/2 of ne, nw 1/4	12	100	33
sw of se	18	100	33
ne of sw, w 1/2 of se	20	100	33
se of sw, e 1/2 of	28	100	33
w 1/2 of nw, w 1/2 of sw	30	100	33
n 1/2 of nw, sw, sw of se	32	100	33
n 1/2 of nw	2	98	34
nw of nw, s 1/2 of nw, w 1/2 of sw	6	98	34
sw of sw	8	98	34
sw 1/4	18	98	34
lot 1	20	98	34
e 1/2 of ne, se 1/4	28	98	34
sw 1/4, nw of se	30	98	34
ne 1/4, ne of se	32	98	34
ne of nw	1	99	34
w 1/2 of nw, w 1/2 of sw, w 1/2 of se	2	99	34
e 1/2 of nw, sw of nw, se 1/4	3	99	34
se of nw	6	99	34
s 1/2 of se	9	99	34
ne 1/4	10	99	34
ne 1/4, n 1/2 of se	11	99	34
sw of nw, sw 1/4, sw of se	14	99	34
n 1/2 of ne, n 1/2 of nw	15	99	34
lots 1, 2, 3, 4, 5, 6, 7 and ne of ne, s 1/2 of sw, e 1/2 of se	18	99	34
lots 1, 2	20	99	34
sw of ne, nw of nw	23	99	34
w 1/2 of ne, nw 1/4, sw 1/4, se 1/4	24	99	34
n 1/2 of ne, sw of ne, nw 1/4, w 1/2 of sw	30	99	34
ne 1/4, sw of sw, n 1/2 of se, se of se	36	99	34

PARTS OF SECTION.	Section.	Town.	Range.
EMMET COUNTY—Continued.			
sw 1/4	8	100	34
e 1/2 of nw, s 1/2 of sw	12	100	34
ne 1/4, w 1/2 of nw, w 1/2 of sw, nw of se	14	100	34
sw 1/4	18	100	34
e 1/2 of se	20	100	34
se 1/4	21	100	34
sw 1/4, e 1/2 of ne	22	100	34
nw 1/4, e 1/2 of sw	24	100	34
se of se	26	100	34
w 1/2 of nw	27	100	34
e 1/2 of se, w 1/2 of	28	100	34
se of ne	33	100	34
sw of nw, n 1/2 of sw, se of se	34	100	34
s 1/2 of sw, w 1/2 of se	35	100	34
nw of ne	36	100	34
FRANKLIN COUNTY.			
se of se	30	91	19
sw of se, s 1/2 of sw	28	92	19
ne of nw	19	93	19
sw of sw	4	90	21
ne of nw, sw of ne, se of se	6	90	21
ne of nw	8	90	21
sw of se	10	90	21
se of sw	6	91	21
sw of sw	4	92	21
nw of nw	19	92	21
se of nw, nw of nw, se of se	32	92	21
ne of ne	2	90	22
se of sw, sw of sw	6	90	22
ne of ne	12	90	22
nw of ne, s 1/2 of ne, nw 1/4, e 1/2 of se	14	90	22
n 1/2 of ne, sw of ne, e 1/2 of nw, sw 1/4, w 1/2 of se	2	91	22
ne of nw	12	91	22
n 1/2 of sw, se of sw	14	91	22
s 1/2 of nw, ne of sw	36	91	22
ne of ne, e 1/2 of se	5	92	22
nw of sw, se of sw, sw of se	8	92	22
nw of sw, sw of se	9	92	22
nw of sw, s 1/2 of sw	11	92	22
nw of ne	12	92	22
s 1/2 of ne, nw of se	14	92	22
ne of ne	20	92	22
s 1/2 ne, se of nw, e 1/2 of sw, ne of se	24	92	22
sw of se	25	92	22
nw of nw, se of nw, ne of sw	26	92	22
ne of ne, e 1/2 of sw	29	92	22
se of ne, sw of se	30	92	22
nw 1/4	32	92	22
n 1/2 of se, sw of ne	33	92	22
se of se	35	92	22
36	92	22	
GREENE COUNTY.			
nw of ne, w 1/2 of nw, w 1/2 of sw	12	85	30
e 1/2 of ne, e 1/2 of nw, ne of sw	24	85	30
nw of nw, se of nw	28	82	31
GRUNDY COUNTY.			
nw of ne	22	87	15
sw of se	22	88	15
sw of sw	17	89	15
e 1/2 of sw	4	86	17
ne of sw	32	86	17
se of sw	30	87	17
se of se	4	88	17
w 1/2 of ne	12	86	18
w 1/2 of se	13	87	18
se of se	22	87	18
nw of nw	26	87	18
nw of ne	26	88	18
sw of se	21	89	18
se of ne	23	89	15
w 1/2 of nw	31	87	17

PARTS OF SECTION.	Section.	Town.	Range.
GRUNDY COUNTY—Continued.			
sw of se	11	89	17
se of nw	23	89	17
nw of nw	3	87	18
sw of ne	1	89	18
ne of se	21	89	18
ne of sw, sw of sw	25	89	18
HOWARD COUNTY.			
se of sw	21	100	12
sw of se	28	100	12
w 1/2 of sw	18	100	13
nw of ne	11	100	14
se of ne, nw of se	3	98	13
se of se	10	98	13
se of ne, nw of se	13	98	13
ne of se	24	98	13
LUCAS COUNTY.			
nw of sw	34	71	20
sw of sw	6	73	23
MARSHALL COUNTY.			
se 1/4 of se 1/4	23	85	17
MONONA COUNTY.			
sw of nw	26	83	41
s 1/2 of se, s 1/2 of sw	12	84	41
e 1/2 of ne, ne of se, se of sw	14	84	41
nw of nw	20	84	41
se of sw, sw of se	22	84	41
s 1/2 of ne, s 1/2 of nw	28	84	41
n 1/2 of se, sw of se	30	84	41
se of se	2	85	41
n 1/2 of nw	14	82	42
w 1/2 of nw	27	82	42
n 1/2 of ne, se of nw, e 1/2 of sw	4	83	42
e 1/2 of se	8	83	42
se of se	18	83	42
nw of ne, e 1/2 of nw, nw of sw	30	83	42
ne of ne, sw of ne, se of nw, e 1/2 of sw, nw of se	2	84	42
e 1/2 of ne, w 1/2 of se	10	84	42
e 1/2 of ne, ne of se, s 1/2 of se	22	84	42
ne 1/4, w 1/2 of sw, n 1/2 of se	34	84	42
ne of ne, s 1/2 of ne, se of nw, sw of nw, nw of sw	36	84	42
nw of sw	5	85	42
se of ne, e 1/2 of se, sw of se	6	85	42
nw of ne, e 1/2 of nw, sw 1/4, se 1/4	7	85	42
w 1/2 of nw	8	85	42
nw 1/4	18	85	42
w 1/2 of ne, sw 1/4	36	85	42
ne of nw, s 1/2 of nw	1	83	44
e 1/2 of ne	2	83	44
nw of ne, ne of sw, s 1/2 of sw	4	83	44
nw 1/4	10	83	44
ne of nw	11	83	44
se of ne, e 1/2 of se	28	83	44
nw 1/4	6	84	44
e 1/2 of nw, sw 1/4	7	84	44
ne of se, se of se	26	84	44
w 1/2 of se	33	84	44
e 1/2 of nw, ne of sw, s 1/2 of sw	36	84	44
w 1/2 of nw, w 1/2 of sw	18	85	44
n 1/2 of sw, se of sw, se 1/4	12	82	45
e 1/2 of se	14	82	45
s 1/2 of nw, n 1/2 of sw	24	82	45
e 1/2 of se	2	83	45
e 1/2 of ne	35	83	45
s 1/2 of nw	36	84	45
All of	4	85	45
nw of ne, s 1/2 of ne, nw 1/4, s 1/2	6	85	45
All of	8	85	45
ne of nw, s 1/2 of nw, ne 1/4, s 1/2 of	10	85	45
ne of ne, w 1/2 of ne	18	85	45
se 1/4	24	85	45

STATEMENT No. 18—CONTINUED.

PARTS OF SECTION.	Section.	Town.	Range.
MONONA COUNTY—Continued.			
sw ¼	26	85	45
n ½ of...	25	85	45
ne ¼ w ½, w ½ of se	34	85	45
s ½ of	36	85	45
ne of ne, nw of ne	32	85	46
ne of ne, nw of ne, se of ne	12	85	46
O'BRIEN COUNTY, NO 1.			
se of nw, n ½ of sw	3	94	40
n ½ of ne, sw of ne	7	94	40
nw of nw, e ½ of sw	11	94	40
e ½ of sw	13	94	40
ne of se, sw of se	15	94	40
s ½ of nw, e ½ of sw	17	94	40
s ½ of ne, w ½ of nw	21	94	40
s ½ of ne, w ½ of nw, ne of nw	23	94	40
w ½ of sw	25	94	40
s ½ of ne	27	94	40
n ½ of ne	33	94	40
e ½ of ne, nw of sw	35	94	40
s ½ of ne, n ½ of se	1	94	41
n ½ of se	5	94	41
w ½ of se	7	94	41
nw of nw, e ½ of se, ne of sw	9	94	41
w ½ of se	15	94	41
se of ne, nw of nw	15	94	41
n ½ of ne, e ½ of nw	17	94	41
n ½ of ne	20	94	41
s ½ of ne, e ½ of nw, w ½ of se	21	94	41
e ½ of se	22	94	41
e ½ of se, w ½ of sw	23	94	41
n ½ of ne, s ½ of sw	25	94	41
ne of ne	33	94	41
e ½ of nw	35	94	41
n ½ of sw, s ½ of se	1	94	42
w ½ of se	3	94	42
n ½ of sw	5	94	42
nw of ne	7	94	42
se of sw	9	94	42
e ½ of ne, w ½ of nw, se of se	15	94	42
n ½ of ne, e ½ of sw	25	94	42
s ½ of se	27	94	42
nw of nw	33	94	42
ne of sw	35	94	42
n ½ of nw, w ½ of sw	4	95	41
s ½ of se	8	95	41
w ½ of nw	9	95	41
n ½ of nw	17	95	41
s ½ of se	19	95	41
w ½ of se	20	95	41
n ½ of nw, s ½ of sw	21	95	41
e ½ of se	25	95	41
s ½ of ne, e ½ of se	30	95	41
nw ¼	31	95	41
w ½ of se	32	95	41
n ½ of nw, s ½ of se	33	95	41
ne of ne	35	95	41
s ½ of sw, se of se	35	95	41
se of se	33	95	42
ne of sw, se of sw, sw of sw, e ½ of se	35	95	42
e ½ of ne, e ½ of nw, s ½ of se	4	94	41
O'BRIEN COUNTY, NO. 2.			
n ½ of nw, s ½ of se	4	94	40
ne of sw, e ½ of se	6	94	40
s ½ of sw, s ½ of se	10	94	40
s ½ of sw	12	94	40
s ½ of se	14	94	40
s ½ of ne	18	94	40
sw of ne, sw of nw	20	94	40
e ½ of nw, n ½ of sw, sw of sw	24	94	40
s ½ of nw, e ½ of sw, sw of sw, n ½ of se	28	94	40
sw of nw	32	94	40

STATEMENT No. 18—CONTINUED.

PARTS OF SECTION.	Section.	Town.	Range.
O'BRIEN COUNTY NO. 2—Continued.			
n ½ of nw, e ½ of sw, w ½ of se	34	94	40
n ½ of se	36	94	40
s ½ of ne, e ½ of sw, w ½ of se	6	94	41
e ½ of nw	6	94	41
s ½ of ne	8	94	41
e ½ of ne	10	94	41
s ½ of sw, s ½ of se	12	94	41
s ½ of ne, e ½ of sw	18	94	41
w ½ of nw	20	94	41
e ½ of sw, nw of sw, s ½ of se, ne of se	26	94	41
sw of nw	80	94	41
s ½ of se	36	95	41
e ½ of sw	2	94	42
sw of nw	8	94	42
ne of nw, nw of nw	18	94	42
s ½ of sw, n ½ of se	20	94	42
sw of sw	30	94	42
se of ne	32	94	42
nw of se	36	94	42
ne of nw, se of nw	2	95	39
w ½ of sw	4	95	39
ne of ne, sw of ne	8	95	39
ne of nw	8	95	39
ne of nw, sw of sw	20	95	39
sw of se, se of se	24	95	39
s ½ of sw	30	95	39
s ½ of ne	32	95	39
nw of sw, se of se	34	95	39
s ½ of ne, nw of nw, sw of sw	36	95	39
e ½ of sw	2	95	40
w ½ of sw, e ½ of se	6	95	40
e ½ of ne	6	95	40
w ½ of nw	12	95	40
sw of se	14	95	40
s ½ of se	18	95	40
w ½ of sw, se of sw	20	95	40
s ½ of sw	22	95	40
e ½ of se	26	95	40
w ½ of nw	28	95	40
n ½ of nw	32	95	40
s ½ of se	34	95	40
w ½ of sw, se of se	36	95	40
nw of ne, s ½ of se	2	95	41
s ½ of nw, w ½ of se	4	95	41
n ½ of nw	14	95	41
sw ¼	18	95	41
n ½ of sw	22	95	41
n ½ of se	24	95	41
w ½ of ne	26	95	41
s ½ of sw	34	95	41
w ½ of ne, e ½ of nw, s ½ of se	36	95	41
w ½ of nw, se of sw, se of se	2	95	42
e ½ of sw	4	95	42
se of se	4	95	42
w ½ of nw	10	95	42
n ½ of se	12	95	42
n ½ of se	18	95	42
s ½ of se	20	95	42
n ½ of ne	24	95	42
n ½ of nw	26	95	42
n ½ of se	28	95	42
s ½ of nw, n ½ of se	30	95	42
w ½ of nw	32	95	42
sw of ne	34	95	42
se of sw	36	95	42
ne ¼	2	94	40
n ½ of ne	2	94	40
PAGE COUNTY.			
n ½ of nw, sw of nw, nw of sw	4	69	37
ne of ne, se of ne, se ¼	6	69	37
nw of nw, ne of se, ne of sw, s ½ of sw	8	69	37

PARTS OF SECTION.	Section.	Town.	Range.
PAGE COUNTY—Continued.			
w 1/2 of sw.	10	69	37
n 1/2 of ne, e 1/2 of nw, sw of nw, n 1/2 of sw	18	69	37
e 1/2 of ne, e 1/2 of se	20	69	37
s 1/2 of ne, s 1/2 of sw	6	70	37
sw of sw	7	70	37
se of se	20	70	37
e 1/2 of nw, n 1/2 of sw, sw of sw	32	70	37
sw of ne, ne of sw, se of nw, se of sw	5	67	38
e 1/2 of nw	8	67	38
ne of se, sw of se.	17	67	38
se of ne, ne of se.	20	67	38
nw of ne, s 1/2 of sw	21	67	38
nw of nw, sw of nw	28	67	38
ne 1/4, n 1/2 of se.	29	67	38
nw of ne	32	67	38
se of se	1	68	38
nw of sw	7	68	38
ne of sw	9	68	38
ne of ne.	11	68	38
nw of nw	18	68	38
se of ne.	24	68	38
sw of se.	32	68	38
se of sw	34	68	38
n 1/2 of ne	36	68	38
ne of ne, s 1/2 of ne, n 1/2 of se.	2	69	38
e 1/2 of se	4	69	38
se of se	8	69	38
e 1/2 of se	15	69	38
n 1/2 of ne, se of ne, s 1/2 of nw, se 1/4	17	69	38
sw of ne, s 1/2 of nw, w 1/2 of sw, sw of sw, nw of se, s 1/2 of se.	19	69	38
nw of ne, ne of nw.	20	69	38
nw of nw	23	69	38
nw of sw	25	69	38
e 1/2 of se.	26	69	38
se of sw	27	69	38
n 1/2 of nw.	30	69	38
sw of se	37	69	38
e 1/2 of se	2	70	38
ne of nw, s 1/2 of nw, sw 1/4, nw of se	12	70	38
e 1/2 ne, ne of nw, se 1/4	14	70	38
nw of ne, e 1/2 of nw, e 1/2 of sw	22	70	38
se of ne, n 1/2 of se, sw of se	24	70	38
se of ne	26	70	38
nw of ne, se of nw, ne of sw, sw of sw.	28	70	38
nw of ne, se of nw	34	70	38
ne of se	4	67	39
w 1/2 of ne, nw of se	5	67	39
sw of sw	9	67	39
e 1/2 of sw, nw of se, ne of sw	14	67	39
ne of se of nw, e 1/2 of sw	17	67	39
nw of nw	20	67	39
n 1/2 of nw, sw of nw, nw of sw	23	67	39
ne of ne, se of ne, nw of se	29	67	39
ne of nw	30	67	39
sw of ne, nw 1/4, ne of sw, s 1/2 of sw, sw of se	31	67	39
se of se	11	68	39
nw of nw, s 1/2 of nw, sw 1/4, sw of se.	12	68	39
e 1/2 of se	14	68	39
ne 1/4, e 1/2 of nw, e 1/2 of sw, nw of se.	15	68	39
nw of nw	23	68	39
w 1/2 of	27	68	39
se of ne	28	68	39
e 1/2 of ne, e 1/2 of se, sw of se	27	68	39
n 1/2 of nw, sw of nw, ne of sw	33	68	39
	35	68	39
PALO ALTO COUNTY.			
e 1/2 of nw	2	94	31
n 1/2 of ne, se of ne, nw of nw	24	94	31
s 1/2 of nw, se of sw, se 1/4	24	94	31
nw of ne, s 1/2 of ne, nw 1/4, ne of sw, sw of sw, se 1/4	26	94	31
nw 1/4, n 1/2 of sw, se of sw, se 1/4	27	94	31
n 1/2 of nw	35	94	31
s 1/2 of ne.	2	95	31
n 1/2 of nw, se of nw, nw of sw, s 1/2 of sw	10	95	31

PARTS OF SECTION.	Section.	Town.	Range.
PALO ALTO COUNTY—Continued.			
ne of nw, w 1/2 of nw	14	95	31
ne of ne, s 1/2 of ne, ne of nw, s 1/2 of nw, se 1/4, sw 1/4	20	95	31
ne of ne, sw of ne, sw of sw	26	95	31
ne 1/4, s 1/2 of nw, e 1/2 of sw 1/4, w 1/2 of se, ne of se	12	96	31
ne 1/4, nw 1/4, n 1/2 of se, sw of se.	6	96	31
sw of sw	8	96	31
sw of ne, n 1/2 of ne, nw 1/4, ne of sw, s 1/2 of sw, se 1/4	10	96	31
n 1/2 of nw, e 1/2 of sw, nw of sw, s 1/2 of se	12	96	31
ne 1/4, e 1/2 of sw, n 1/2 of se, sw of se	26	96	31
e 1/2 of nw, w 1/2 of sw	30	96	31
e 1/2 of nw	38	96	31
ne 1/4, nw 1/4, n 1/2 of sw, se 1/4	20	97	31
ne of sw	26	97	31
n 1/2 of ne, sw of ne, s 1/2 of nw, sw 1/4, se 1/4	23	97	31
n 1/2, e 1/2 of sw, se 1/4	32	97	31
nw of ne, sw of ne, nw 1/4, sw 1/4, w 1/2 of se, se of se	34	97	31
e 1/2 of ne, nw of ne.	23	94	32
w 1/2 of ne, w 1/2 of se.	30	94	32
n 1/2 of nw, se of nw	34	94	32
ne of ne, sw of ne, e 1/2 of nw	36	94	32
ne of ne, nw 1/4, s 1/2 of se	12	95	32
ne 1/4, e 1/2 of nw, sw of nw, sw 1/4, se 1/4	14	95	32
ne of sw, s 1/2 of se.	19	95	32
n 1/2 of	23	95	32
ne 1/4, w 1/2 of nw	24	95	32
nw of nw, s 1/2 of nw, s 1/2 of	36	95	32
lots 1, 2, 3, 4, 5 and ne 1/4, nw of se, s 1/2 of se.	8	96	32
ne 1/4, n 1/2 of nw, se of nw, sw 1/4, s 1/2 of se, ne of se.	10	96	32
n 1/2 of ne, se of ne, s 1/2 of se	14	96	32
lots 1, 4, 5, 6, 7 and nw of nw	18	96	32
se of sw and lot 4	19	96	32
nw 1/4, n 1/2 of sw	20	96	32
nw of ne, nw 1/4, sw 1/4, se of se	22	96	32
e 1/2 of ne, sw of ne, n 1/2 of nw, se of nw, n 1/2 of sw.	24	96	32
n 1/2 of ne, sw of ne, nw 1/4, sw 1/4, e 1/2 of se.	26	96	32
s 1/2 of ne, ne of nw, w 1/2 of nw, se 1/4	28	96	32
w 1/2 of ne, nw 1/4, sw 1/4, se 1/4	30	96	32
ne 1/4, nw of nw, s 1/2 of nw, sw 1/4, e 1/2 of se.	31	96	32
w 1/2 of ne, e 1/2 of nw, se of sw, se 1/4	20	97	32
w 1/2 of nw, s 1/2 of sw.	22	97	32
n 1/2, sw of sw, se 1/4	30	97	32
n 1/2 of ne and lot 3.	32	97	32
se of nw, ne of sw, s 1/2 of sw	36	97	32
n 1/2 of ne, se of ne, e 1/2 of se.	8	94	33
n 1/2 of ne	20	94	33
se of ne, nw 1/4, n 1/2 of sw, se 1/4	22	94	33
n 1/2 of ne	28	94	33
nw of nw, se of nw, n 1/2 of sw, se of sw	18	96	33
e 1/2 of nw, nw of nw, nw of se, s 1/2 of se.	20	96	33
w 1/2 of ne, nw 1/4, sw 1/4, sw of se	22	96	33
ne 1/4, nw 1/4, n 1/2 of sw 1/4, e 1/2 of se	34	96	33
sw of nw, w 1/2 of sw	6	97	33
n 1/2 of nw, se of nw 1/4	8	97	33
nw of ne, s 1/2 of ne, e 1/2 of sw, w 1/2 of se.	20	97	33
ne 1/4, e 1/2 of sw, se 1/4	28	97	33
n 1/2 of nw, n 1/2 of sw, sw of sw, se 1/4	4	94	34
n 1/2 of ne, sw of ne, sw of nw, n 1/2 of sw, se of sw, se 1/4	5	94	34
n 1/2 of ne, se of ne, sw of nw, w 1/2 of sw, se 1/4	9	94	34
ne 1/4, nw 1/4, sw 1/4, n 1/2 of se	17	94	34
n 1/2, n 1/2 of sw, sw of sw, n 1/2 of se, se of se.	28	94	34
ne 1/4, n 1/2 of nw, sw of nw, sw 1/4, ne of se.	30	94	34
nw of ne, s 1/2 of ne, e 1/2 of nw, s 1/2 of	31	94	34
ne 1/4	6	95	34
e 1/2 of ne, nw 1/4, w 1/2 of sw 1/4	34	95	34
ne 1/4, sw of nw, sw 1/4, se 1/4	2	96	34
n 1/2 of ne, s 1/2 of nw, n 1/2 of sw, se of sw	8	96	34
e 1/2 of ne, w 1/2 of nw, w 1/2 of se.	10	96	34
n 1/2 of nw, se of nw, sw 1/4	14	96	34
e 1/2 of nw, e 1/2 of sw, e 1/2 of	26	96	34
ne 1/4, w 1/2 of se, w 1/2 of	2	97	34
n 1/2, w 1/2 of se, sw 1/4	4	97	34
ne 1/4, n 1/2 of se 1/4, w 1/2 of	6	97	34
n 1/2 of nw, sw of nw, n 1/2 of sw, se of sw, s 1/2 of se.	12	97	34
ne 1/4, e 1/2 of nw 1/4, nw of sw, se of sw, w 1/2 of se, se of se.	14	97	34

PARTS OF SECTION.	Section.	Town.	Range.
PALO ALTO COUNTY—Continued.			
n 1/2 of ...	22	97	34
e 1/2 of ne, e 1/2 of nw, sw 1/4, se 1/4	25	97	34
s 1/2 of ne 1/4	34	97	34
PLYMOUTH COUNTY.			
sw of se	10	91	49
se of se	10	91	41
RINGGOLD COUNTY.			
sw of se	1	67	28
s 1/2 of sw	6	67	28
sw of sw	15	67	28
e 1/2 of se	21	67	28
w 1/2 of nw	22	67	28
ne of ne	24	67	28
lot 4	30	67	28
sw of nw	19	68	28
se of ne	25	69	28
ne of sw	2	70	28
ne of ne, se of ne	2	67	28
ne of nw	3	67	28
w 1/2 of nw, ne of nw, nw of sw	12	67	28
sw of se	14	67	28
ne of se	24	68	29
se of se	34	68	29
se of ne	35	69	29
lot 2	27	67	30
lot 5	30	67	30
se of sw	9	68	30
nw of sw	7	69	30
sw of sw	10	68	31
nw of nw	15	68	31
SHELBY COUNTY.			
e 1/2 of nw	33	78	37
n 1/2 of se, se of sw	20	81	37
se of ne, ne of se, sw of se	30	81	37
sw of nw	2	80	38
s 1/2 of ne, nw of ne, ne of nw, n 1/2 of se, se of se	6	80	38
w 1/2 of ne, e 1/2 of nw	8	80	38
ne of sw, se of sw, sw of ne	6	81	38
sw of sw, se of sw, sw of se	36	81	38
nw of se, se of se	24	78	39
se of se	12	81	39
n 1/2 of ne, se of ne, ne of se	36	81	39
SCOTT COUNTY.			
ne of ne	1	N.	E.
se fr' 1/4 s of river	8	80	2
se of ne	11	80	3
TAYLOR COUNTY.			
ne of sw	21	70	33
s 1/2 of nw, ne of sw, ne of ne, sw of ne	4	69	34
e 1/2 of nw, nw of se	6	69	34
nw of sw	18	69	34
nw of ne, nw 1/4	12	70	34
w 1/2 of ne	14	70	34
se of se	15	70	34
nw of nw	18	70	34
nw of ne, nw of sw	22	70	34
nw of sw	34	70	34
n 1/2 of nw, sw of nw	2	69	35
se of ne	3	69	35
s 1/2 of se, sw of ne	10	69	35
ne of nw, ne of ne, sw of ne	15	69	35
ne of sw	27	70	35
sw of se	18	70	35
sw of sw, nw of se	24	70	35
se of se	26	70	35
sw of ne, se of nw	30	70	35
WARREN COUNTY.			
ne 1/4 of sw 1/4	20	74	23

PARTS OF SECTION.	Section.	Town.	Range.
WORTH COUNTY.			
nw of nw	11	99	20
se of nw	21	99	20
n 1/2 of ne, nw 1/4, nw of sw	7	100	20
se of se	8	100	20
ne 1/4, e 1/2 of nw, ne of sw, s 1/2 of sw, n 1/2 of se	9	100	20
ne 1/4, nw 1/4, n 1/2 of sw, se of sw, nw of se	10	100	20
e 1/2 of ne, w 1/2 of nw, ne of se	11	100	20
se of sw, s 1/2 of se	12	100	20
se of nw, ne of sw	13	100	20
nw of sw	14	100	20
n 1/2 of ne, se of ne	15	100	20
se of sw	18	100	20
ne of nw, sw of sw	19	100	20
nw of ne, n 1/2 of nw, nw of sw, se of sw, s 1/2 of se	21	100	20
s 1/2 of sw, se of se	22	100	20
ne of ne, s 1/2 of sw, sw of se	23	100	20
nw of ne, se of ne, n 1/2 of nw, sw of sw, ne of se	26	100	20
ne of ne, ne of nw, s 1/2 of nw, n 1/2 of sw, se of se	27	100	20
ne of ne, ne of nw	28	100	20
nw of ne, ne of nw	30	100	20
se of ne, ne of se	31	100	20
se of ne, ne of se	32	100	20
s 1/2 of se	33	100	20
s 1/2 of sw	34	100	20
s 1/2 of ne, s 1/2 of nw, n 1/2 of sw, sw of sw, n 1/2 of se, se of se	35	100	20
nw of sw, s 1/2 of sw, s 1/2 of se	36	100	20
sw of se	17	98	21
se of ne	23	98	21
ne of ne	21	99	21
e 1/2 of ne, e 1/2 nw, ne of sw, ne of se	7	100	21
w 1/2 of nw, n 1/2 of sw, se of se	8	100	21
nw of sw, n 1/2 of se	9	100	21
ne 1/4, n 1/2 of sw, se 1/4	10	100	21
sw 1/4, se 1/4	11	100	21
w 1/2 of ne, nw 1/4, sw 1/4, se 1/4	12	100	21
n 1/2 of nw, s 1/2 of sw, sw of se	13	100	21
ne 1/4, n 1/2 of nw, se of nw, ne of sw, se 1/4	14	100	21
s 1/2 of nw, n 1/2 of sw	15	100	21
s 1/2 of ne, w 1/2 of nw, w 1/2 of sw, ne of se, sw of se	17	100	21
s 1/2 of ne, w 1/2 of nw, n 1/2 of se, se of se	18	100	21
s 1/2 of ne, nw 1/4, ne of sw, sw of se	19	100	21
ne of ne, w 1/2 of nw, w 1/2 of sw, se of ne, e 1/2 of sw, se 1/4	20	100	21
ne of ne, s 1/2 of ne, n 1/2 of nw, se of nw, e 1/2 of sw, se 1/4	21	100	21
n 1/2 of nw, n 1/2 of sw, nw of se	22	100	21
ne 1/4, nw 1/4, se 1/4, sw 1/4	23	100	21
All of	24	100	21
n 1/2 of nw, sw of sw	25	100	21
w 1/2 of nw, se of se	26	100	21
ne of ne, sw of ne, se of nw, ne of sw, s 1/2 of sw	26	100	21
nw of se, se of se	27	100	21
nw of sw, s 1/2 of se	28	100	21
nw of nw, s 1/2 of nw, n 1/2 of sw	29	100	21
ne 1/4, sw of nw, nw of sw, n 1/2 of se	30	100	21
nw of ne, ne of nw, w 1/2 of nw, ne of se	30	100	21
w 1/2 of sw, sw of se	31	100	21
nw of ne, w 1/2 of nw, w 1/2 of sw, se of sw	32	100	21
se of ne, se of nw, ne of se, sw of se	33	100	21
ne 1/4, s 1/2 of nw, sw 1/4, w 1/2 of se	34	100	21
nw 1/4, n 1/2 of sw	35	100	21
se of se	36	100	21
ne of ne	1	99	22
ne of nw, s 1/2 of nw	2	99	22
All of	3	99	22
ne of se	4	99	22
All of	6	99	22
All of	9	99	22
All of	10	99	22
n 1/2 of ne	11	99	22
n 1/2 of nw	13	99	22
nw of ne, ne of nw	17	99	22
s 1/2 of sw	18	99	22
ne 1/4, n 1/2 of nw, se of nw, ne of se	18	99	22
lots 1, 2 and 3	19	99	22
e 1/2 of se	19	99	22
lots 1, 2, 3 and sw 1/4	20	99	22

STATEMENT No. 18—CONTINUED.

PARTS OF SECTION.	Section.	Towa.	Range.
e ½ of sw, n ½ of se.	21	99	22 23
All of.	22	99	23
All of.	23	99	23
ne of ne.	27	99	23
ne of sw, nw of nw.	27	99	23
ne of ne, se of nw, s ½ of se.	29	99	23
nw of ne, nw of nw.	29	99	23
ne of ne.	30	99	23
ne of sw.	32	99	23
ne of sw.	34	99	23
sw of sw.	36	99	23
ne of se.	7	100	
e ½ of nw, se of sw, sw of se.	8	100	
lot 2 and n ½ of.	9	100	
n ½ of.	10	100	
All of.	11	100	
n ½, ne of sw, ne of se.	12	100	
w ½ of ne, e ½ of se, sw ¼.	12	100	
w ½ of ne, n ½ of nw, s ½ of sw, se ¼.	14	100	
lots 4, 6 and ne of se.	15	100	
lots 1, 5 and sw of sw.	17	100	
w ½ of ne.	18	100	
w ½ of sw.	19	100	
s ½ of ne, w ½ of nw, sw ¼, ne of se.	20	100	
ne of ne.	21	100	
s ½ of nw.	22	100	
w ½ of ne, se of nw, s ½ of sw, w ½ of sw.	23	100	
ne of nw, nw of sw.	34	10	
n ½ of ne, se of nw, e ½ of sw.	25	100	
w ½ of ne, se of nw, ne of sw, w ½ of se.	25	100	
ne of ne, sw of ne, nw of nw, sw of sw.	26	100	
ne ¼, n ½ of nw, sw of nw, w ½ of sw, n ½ of se, se of se.	28	100	
nw of ne, se of ne, e ½ of sw, sw of sw, n ½ of se, se of se.	27	100	
ne of nw, w ½ of nw, w ½ of sw, se of sw.	31	100	
se of ne, w ½ of nw.	30	100	
sw of nw.	33	100	
e ½ of ne, sw of ne, ne of nw, sw of nw, nw of sw, nw of se.	34	100	
s ½ of ne, nw of nw, e ½ of se.	35	100	
ne ¼, nw of nw, s ½ of nw, n ½ of sw.	35	101	
nw of ne, se of ne, w ½ of nw.	36	100	
ne of sw, n ½ of se.	36	100	

Aggregate number of tracts, about 7,507.

RAILROAD LANDS.

Lands that have been granted to the state of Iowa by act of congress to aid in the construction of railroads, and certified lists of the lands inuring under the grant have been made to the state by the commissioner of the general land office, as required by act of congress, and such lands have been granted by act of congress, and such lands have been granted by act of the general assembly. The law now providing for certifying such lands to railroad companies entitled to them (Sec. 82, title 2, chap. 2, code of 1897), requires that lands in litigation shall be excluded from such lists until the actions are determined and such lands are adjudged to be the property of the company; nor shall such certified lists include lands which have been adjudicated by the proper courts to belong to any other grant, or to any county or individual under the swamp-land grant, or any homestead or pre-emption settlement.

The law does not explain how the secretary of state is to obtain the information as to whether there are any lands that should not be included in the lists issued to railroad companies.

Lands certified to the state by the United States for railroad purposes cannot be certified to the companies entitled thereto until proper application is made at this office for the certificate. Where lands have been excluded from such certified lists on account of pending suits the state cannot afterward certify them to the company without first being furnished with evidence from the proper court or courts, showing by the termination of the suits that the lands were finally adjudged to be the property of the company.

Some of the certificates issued to the state under railroad grants have included tracts that were selected and claimed as swamp lands, and the swamp claim established; also, a large number of tracts have been conveyed to occupying claimants under the state law.

The department of the interior holds that when it conveys lands by certificate or patent under one grant the title then has passed from under its jurisdiction, and it refuses to reconsider its action and convey under another grant—as, for instance, the swamp grant, leaving the question of title claimed under such other grant for the determination of the courts.

By act of congress, approved March 3, 1887, the secretary of the interior is authorized and directed to adjust, in accordance with the decisions of the supreme court, each of the railroad land grants made by congress to aid in the construction of railroads. "If it shall appear, upon the completion of such adjustments, that lands have been from any cause heretofore erroneously certified or patented by the United States, or to for the use or benefit of any company claiming by, through, or under grant from the United States, to aid in the construction of a railroad, it shall be the duty of the secretary of the interior to thereupon demand from such company a relinquishment or reconveyance to the United States of all such lands, whether within granted or indemnity limits."

In accordance with the requirements of the act of March 3, 1887 (24 Stat., 556), and in pursuance of directions of the interior department, examinations of the several railroad grants have been made by the commissioner of the general land office with a view to the adjustment of the grants, and his office decisions and recommendations submitted to the department of the interior for approval.

The following report from the secretary of the interior presents the status of the railroad grants in the state of Iowa:

DEPARTMENT OF THE INTERIOR,
WASHINGTON, July 17, 1899.

Hon. G. L. Dobson, Secretary of State, Des Moines, Iowa:

SIR—I have at hand your letter of the 30th ultimo, wherein you have asked whether there are any railroad grants in Iowa unadjusted at this date, and whether any grants have been adjusted within the last two years.

The letter was referred to the commissioner of the general land office, and in answer thereto I enclose herewith a copy of the report in the premises by the commissioner under date of the 15th instant, giving the status of the grants referred to. Very respectfully,

THOS. RYAN,
Acting Secretary.

DEPARTMENT OF THE INTERIOR,
GENERAL LAND OFFICE,
WASHINGTON, D. C., July 15, 1899.

The Honorable, The Secretary of the Interior:

SIR—By reference from the department I have to acknowledge receipt of letter dated June 30, 1899 (returned herewith), from the Hon. G. L. Dobson, secretary of state for Iowa, who asks: "Are there any railroad grants in Iowa unadjusted at this date, and have there been any adjustments of railroad grants during the last two years?"

Believing that the most complete reply in the premises would be a recital of the status of each of the seven land grants in Iowa, I have the honor to report:

The status as to adjustment of the four land grants specified in act of May 15, 1856 (11 Stat., 9), appears as follows:

1. That for the *Burlington & Missouri River Railroad company* (in Iowa). The adjustment prepared by this office was submitted to the department August 24, 1895. By letter "F," April 1, 1896, this office called attention to the act of March 2, 1896 (29 Stat., 42), and recommended discontinuance of suit instituted under adjustment act of March 3, 1887 (24 Stat., 556), with a view of amending proceedings. This was concurred in by the department, and this matter is pending in this office.

2. That for the *Chicago, Rock Island & Pacific Railway* (formerly Mississippi & Missouri railroad) *company*. The adjustment prepared in this office was submitted to the department June 8, 1894, with recommendation that no action be taken for recovery of title to any of the lands certified. By letter of November 30, 1897, the secretary of the interior concurred in said recommendation, and directed that the adjustment stand approved.

3. The *Iowa Railroad Land company* (formerly Cedar Rapids & Missouri River Railroad company). The adjustment prepared in this office was submitted to the department November 17, 1888. Twice have the papers been returned with instructions, viz.: July 9, 1896 (23 L. D., 79), and January 30, 1897 (24 L. D., 125), but the papers are yet before the department on petition for review.

4. The *Dubuque & Pacific Railroad company*. The adjustment prepared in this office was submitted to the department September 23, 1889. By instructions, April 9, 1891 (12 L. D., 347), the secretary of the interior directed a call on the company to recover. Certain proceedings were taken, and letter "F," July 6, 1898, this office recommended discontinuance of proceedings. By letter of September 23, 1898, the secretary of the interior recalled and revoked letter of April 9, 1891 (above), and by letters "F," October 13, 1898, this office advised the parties in interest that no further action would be taken and the case was closed. See, in this connection, case of Dubuque & Sioux City Railroad company (16 L. D., 235).

5. Of the grant described in section 17, act of July 2, 1864 (13 Stat., 356), amending the 14th section of the act of July 1, 1862 (12 Stat., 489), the grant under which the *Sioux City & Pacific railroad* (now the Missouri Valley Land company) claims, it appears: There was an adjustment of this grant prepared in 1889, but the same was not submitted. An adjustment has since (in 1898) been prepared in this office, and will be submitted as soon as practicable.

Of the two remaining grants in Iowa, to-wit, under act of May 12, 1864 (13 Stat., 72):

6. The *Sioux City & St. Paul Railroad company* was charged, in adjustment, with an excess of 21,979.85 acres of land as not earned, but patented to the state of Iowa on account of the grant. Suit was instituted for recovery of title, and by decree of supreme court of the United States (159 U. S., 349) October 21, 1895, the titles to these unearned lands were quieted in the United States.

7. The *Chicago, Milwaukee & St. Paul Railway* (formerly the McGregor & Missouri River railroad) *company's* adjustment, as prepared in this office in 1898, was submitted to the department July 23, 1898, with a recommendation that titles to certain lands should be confirmed in company's vendees under act of March 2, 1896. By letter of October 21, 1898, the secretary of the interior concurred in this recommendation, and directed that call be made on the company for the government price of the lands in question. By letter "F," October 31, 1898, call was made on the president of the company, and the matter of payment for the lands is pending.

This report is submitted in duplicate as directed.

Very respectfully,

BINGER HERMANN,
Commissioner.

As will be observed from an inspection of the foregoing report, the adjustment of the several railroad grants in Iowa will be completed in a short time, and in the final adjustment, in all probability the quantity of lands already conveyed to the state for railroad purposes will not be materially increased by conveyance to be made in the future.

During the last biennial period, the following tracts were approved and patented to the state of Iowa, under act of May 12, 1864, for the benefit of the Chicago, Milwaukee & St. Paul Railroad company, and were by the state patented to said company:

PARTS OF SECTION.	Sec.	Town.	Range.	Acres.	IN WHAT CO. SITUATED.	DATE OF UNITED STATES PATENT.	RAILROAD LIMIT.
ne of sw.....	13	98	10	80	Winneshiek..	October 29, 1897....	Primary.
nw of se.....	5	94	34	40	Palo Alto....	June 27, 1898.....	Primary.
se of ne.....	5	94	34	40	Palo Alto....	July 25, 1898.....	Primary.
sw of sw.....	19	94	32	39.60	Palo Alto....	January 11, 1899....	Primary.
sw of nw.....	19	93	32	80	Pocahontas..	June 27, 1899.....	Idemnity.
n ½ of se.....							
Total.....				279.60			

The following tracts were approved and certified by the interior department, under act of June 2, 1864, directly to the Chicago, Rock Island & Pacific Railroad company, as required by said act, as same appears by certified copies of the original lists furnished the state by the commissioner of the general land office:

PARTS OF SECTION.	Sec.	Town.	Range.	Acres.	IN WHAT CO. SITUATED.	DATE OF APPROVAL.	RAILROAD LIMIT.
se of sw.....	34	76	30	40	Adair.....	May 14, 1898.....	Idemnity.
ne of sw.....	24	76	30	40	Adair.....	December 6, 1898..	Idemnity.
s ½ of ne.....	36	78	33	80	Guthrie.....	March 1, 1899.....	Idemnity.
Total.....				160			

The following described tracts were certified by the state to the Dubuque & Sioux City Railroad company, under the provisions of section 82, chapter 2, title 2, of the 1897 code:

PARTS OF SECTION.	Sec.	Town.	Range	Acres.	IN WHAT CO. SITUATED.	DATE OF APPROVAL.	RAILROAD LIMITS.
s ½ of sw.....	1	91	21	80	Franklin.....	December 27, 1858..	Primary. Indemnity.
sw of ne.....	4	90	17	40	Butler.....	February 20, 1879..	
Total.....				120			

The following tabulated statement shows the land concessions by acts of congress, to the state of Iowa, giving the dates of the grants, and acts extending and modifying the grants; also the mile limits of each grant:

RAILROAD LAND GRANTS.

Land concessions, by acts of congress, to the state of Iowa, for railroad purposes, from the year 1856 to June 30, 1899.

Date of law.	NAME OF ROAD.	Mile limits.	Acres certified or patented for the two years ended June 30, 1899.	Acres certified or patented to June 30, 1899.
May 15, 1856	Burlington & Missouri River.....	8 and 15 } 20	.....	389,989.71
June 2, 1864	Burlington & Missouri River.....			
July 1, 1864	An act authorizing the company to change or modify the location of the uncompleted portion of its line.			
March 3, 1865	Act extending the time for completion of road two years.			
Feb. 10, 1866	Resolution extending the time for completion of road.			
May 15, 1856	Chicago, Rock Island & Pacific.....	6 and 15 } 20	.....	*483,094.36 161,532.81
June 2, 1864	Chicago, Rock Island & Pacific.....			
March 3, 1865	Act extending the time for completion of road two years.			
Jan. 31, 1873	Act to quiet the title to certain lands in the state of Iowa.			
June 15, 1878	Act to restore certain lands to settlement under homestead law, etc.			
May 15, 1856	Cedar Rapids & Missouri River.....	6 and 15 } 20	.....	*921,247.67 *44,022.96
June 2, 1864	Cedar Rapids & Missouri River.....			
March 3, 1865	Act extending the time for completion of the road two years.			
May 15, 1856	Dubuque & Sioux City.....	6 and 15 } 20	.....	*683,023.80
June 2, 1864	Act authorizing said road to change its line.			
March 2, 1865	Act extending the time for completion of road two years.			
March 2, 1868	Act extending time for completion of road to January 1, 1872.			
May 15, 1856	Iowa Falls & Sioux City.....	6 and 15 } 20	.....	683,023.80
Act extending the time for completion of road two years.				
Aug. 8, 1846 } July 12, 1862 }	Des Moines Valley.....	5	.....	840,011.36
May 12, 1864 } May 12, 1864 }	Chicago, Milwaukee & St. Paul.....	10 and 20 } 10 and 20 }	.....	279.60
May 12, 1864 }	McGregor & Missouri River.....			
May 12, 1864	Sioux City & St. Paul.....	10 and 20	.....	407,910.21
	Total.....			5,139,022.57

THE DES MOINES RIVER LANDS.

Efforts have frequently been made in the past to obtain relief for the Des Moines river land settlers by congressional legislation. The Forty-fifth, Forty-sixth, Forty-seventh, Forty-eighth, Forty-ninth, Fiftieth and Fifty-second Congresses had this matter under consideration, the object of which was to quiet the title to these lands. The Forty-ninth Congress passed senate bill No. 150, entitled, "An act to quiet the title of settlers on the Des Moines river lands in the state of Iowa, and for other purposes," which was vetoed by the president March 11, 1886.

In his message the president, after giving his reasons for his refusal to approve the act, uses the following language:

"Should there be meritorious cases of hardship and loss caused by an invitation on the part of the government to settle upon lands apparently public, but to which no right nor lawful possession can be secured, it would be better, rather than to attempt a disturbance of titles already settled, to ascertain such losses and do equity by compensating the proper parties through an appropriation for that purpose." The Fiftieth Congress passed house bill No. 1368, which was vetoed by the president February 21, 1889, upon substantially the same grounds set forth in his former message. In 1889, after the second veto by President Cleveland, a case was begun in the circuit court of the United States for the northern district of Iowa against the Des Moines Navigation and Railroad company and its grantees, the object of which was to settle the question of title to these lands.

Adhering to precedent, the circuit court decided in favor of the company and its grantees. This decision was sustained by the supreme court of the United States in a decision filed January 11, 1892. After this decision the question of indemnity seems to have been accepted as the proper method of adjustment.

In accordance with the provisions of the sundry civil act of March 3, 1893, a special agent was appointed to obtain information which would enable the United States to properly and equitably adjust the claims of persons interested in the title to these lands. The list furnished by the department for investigation contained 1,132 entries, embracing lands from the Raccoon forks to the northern boundary of the state.

The special agent, Robert L. Berner, made a full report to the secretary of the interior, restricting his investigation to the express terms of the act under which he was appointed.

The provisions of the sundry civil act of August 18, 1894 (28 Stat. L., 372-396, 397), in relation to the Des Moines river land settlers are as follows:

"To adjust the claims of settlers on the so-called Des Moines River lands, in the state of Iowa, two hundred thousand dollars, or so much thereof as may be necessary, to be expended by the secretary of the interior in the following manner: The secretary of the interior shall appoint a special commissioner to investigate, hear, and determine the claims of all settlers,

their heirs and assigns, who, being duly qualified thereunto, have, under the homestead, pre-emption, or other public land laws, entered or filed upon lands included in the grant made by an act entitled 'An act granting certain lands to the Territory of Iowa to aid in the improvements of the navigation of the Des Moines River, in said Territory,' approved August eighth, eighteen hundred and forty-six, and by the 'Joint resolution to quiet title to lands in the State of Iowa,' approved March second, eighteen hundred and sixty-one, whose title thereto from the United States has failed.

"Said commissioner shall find the reasonable sum due, if anything, to the respective claimants, and the measure of damages of said claimants shall be the amount heretofore expended by them to purchase the paramount title to said lands; or, in case they have not heretofore purchased the outstanding paramount title, the measure of their damages shall be the reasonable value of such paramount title, if they are still in possession, or the reasonable value of same at time of eviction, in cases of eviction. Said commissioner, in making such examination, shall find and determine:

"*First.*—The amount of the just claims of persons, their heirs or assigns, holding patents or other written evidences of title from the United States, who are now and who have been in continuous possession thereunder.

"*Second.*—The claims of persons, their heirs or assigns, holding written evidences of title from the United States, who have been evicted from said lands by process of court at the suit of the Des Moines River Navigation company or its assigns.

"*Third.*—The claims of persons, their heirs or their assigns, for a valuable consideration, whose chain of title runs back to the person making the original entry of said lands, and who have heretofore purchased the paramount title; provided, that if the amount herein appropriated is not sufficient to settle all the claims hereinbefore described and included in Schedule E of special report submitted to congress by the secretary of the interior, May 15, 1894, being senate executive document numbered ninety-seven, present session, those remaining unpaid shall be submitted to congress by the secretary of the interior, giving the amount of each claim, and such payments shall not include any claim of any pre-emptor or homesteader who had actual notice of the adverse claim of the Des Moines River Navigation company at the time of making such pre-emption or homestead claim and only paid the necessary fees to the land officers, and who made no valuable improvements on the land so pre-empted or homesteaded. All such claims shall be reported to congress, and all the facts in regard to any claim of pre-emption and homestead entry, in such cases, shall be reported to congress; provided further, that said claims, except those hereinbefore indicated, shall be paid in the order of their approval by the secretary of the interior, and no money shall be paid hereunder, in any case, until the findings of the commissioner in such case are approved by the secretary of the interior, who shall have full authority to control all proceedings authorized by this paragraph. To pay the expenses arising under the preceding paragraph, in addition to the appropriation to pay said claims, twelve thousand dollars, or so much thereof as may be necessary." * * *

In accordance with the provisions of this act, Robert L. Berner was appointed as special commissioner, and submitted to the department his report, which was approved by the secretary of the interior. Pursuant to

said act the secretary of the interior transmitted to congress the claims filed with him by the special commissioner and represented in lists C, D, E, F, G and H, and on which no action was taken by the department.

Lists A and B include claims in which the judgment of the special commissioner became final when approved by the department.

The total amount of the claims allowed by the special commissioner and approved by the secretary of the interior, is \$183,854.07.

The sundry civil act, approved July 1, 1898, under the heading, "Des Moines River Land Settlers," contains the following provisions:

"Duly qualified settlers who have in good faith filed pre-emption or homestead claims, made settlement, resided upon for a period of not less than five years, unless sooner evicted, cultivated and made valuable improvements on the land claimed, and in cases where such persons made actual settlement in good faith, under the pre-emption and homestead laws, at a time when others were permitted to file on like lands and in good faith resided upon same for a period of not less than five years, unless sooner evicted, cultivated and made valuable improvements upon the land so occupied, and duly offered to file for the land settled upon within the time prescribed by law, but were not permitted to do so by the officers of the land department, and did not abandon said lands or procure title to other public lands under any law of the United States."

The foregoing act provides further:

"The secretary of the interior shall find and determine, upon the evidence heretofore taken by the special commissioner appointed under said act of August 18, 1894, and upon such other and further evidence as he may in his discretion take, all of which shall be preserved in his office, what sum, if anything, is justly due to such persons, their heirs and assigns, and the measure of damages shall be in all respects as was provided for claims under said act of August 18, 1894."

Under the heading, "Des Moines River Settlers," in the sundry civil act of March 3, 1899, are the following provisions:

"To pay the Des Moines River land settlers, under the provisions of the paragraph in the sundry civil act approved July 1, 1898, under the heading, 'Des Moines River Land Settlers,' in addition to the amount already appropriated for said purposes, one hundred and fifty thousand dollars, or so much thereof as may be necessary, the same to be in full of all claims adjusted or in process of adjustment provided for by said act, and no part of the claim shall be paid by the secretary of the interior until all the claims heretofore filed are examined, and all claims not presented within sixty days after the passage of this act shall be barred from consideration thereunder; provided, that of the foregoing sum three thousand, five hundred dollars, or so much thereof as may be necessary, may be expended in making the examination provided for by said act approved July 1, 1898."

There is now \$190,000 available to indemnify the Des Moines river land settlers who come within the provisions of the act of July 1, 1898. On August 4, 1898, Hon. J. L. Stevens, of Boone, Iowa, was appointed as special commissioner to adjust the claims remaining unadjusted, and there have been submitted to him for consideration 575 claims.

The taking of evidence in all of these cases will be concluded about December 1, 1899.

DES MOINES RIVER SCHOOL LANDS SOLD BY JOHN TOLMAN, SCHOOL FUND COMMISSIONER WEBSTER COUNTY.

The following statement gives a description of all the so-called Des Moines River school lands sold by John Tolman, with name of purchaser, date of sale, price per acre, amount paid at date of purchase, and a column of remarks showing upon which sales the money has been refunded as per chapter 63, Special Acts of 1860, and chapter 172, section 1, Laws of 1880, and other items of information in connection with such sales.

NAMES OF PURCHASER.	DATE OF PURCHASE OR CONTRACT.	PARTS OF SECTION.	Section.	Town.	Range.	Acres.	Price per acre	Cash paid.	Credit.	REMARKS.
Evan Lewis	Aug. 27, 1853	se of se	25	88	28	40.00	\$ 1.25	\$ 12.50	\$ 37.50	Paid up and patented.
Jacob Kraus	Sept. 2, 1853	se of se, e 1/4 of sw of se	19	87	26	60.00	1.25	75.00		Money refunded.
Roscow Royster	Aug. 18, 1853	w 1/2 of sw	5	87	26	80.00	1.25	25.00		Money refunded.
William A. Scott	Aug. 18, 1853	sw 1/4	7	87	26	140.00	1.25	43.83		131.00 Money refunded.
Jesse Goodrich	Aug. 20, 1853	e 1/4 of ne	11	87	27	80.00	1.25	100.00		Paid up and patented.
Wm. T. Woolsey	Aug. 20, 1853	w 1/2 of se	1	87	27	80.00	1.25	100.00		Patented and money refunded.
Wm. T. Woolsey	Aug. 20, 1853	n 1/2 of sw	1	87	27	80.00	1.25	100.00		Paid up and patented.
Thos. G. Pierce	Aug. 20, 1853	nw 1/4	7	87	26	137.64	1.25	172.05		Patented and money refunded.
Robert Alcorn	Aug. 20, 1853	se of ne	13	87	27	40.00	1.25	50.00		
John Tolman	Aug. 20, 1853	n 1/2 of se	25	88	28	80.00	1.25	10.00		Patented and money refunded.
John Ware	Sept. 7, 1853	nw of sw	17	88	28	40.00	1.25	12.50		37.50
Perlonzo Bell	Sept. 9, 1853	w 1/2 of nw	31	87	26	82.68	1.25	74.37		Money refunded.
Perlonzo Bell	Sept. 9, 1853	lots 1, 2, 3, 4, and ne of nw	1	86	27	204.93	1.25	253.89		Money refunded.
Eleanor Russell	Sept. 19, 1853	ne 1/4	7	87	26	160.00	1.25	50.00		150.00 Money refunded.
Francis W. Allen	Oct. 1, 1853	e 1/4 of se	5	88	28	80.00	1.25	100.00		Allen was an alien and died intestate, interest escheats to the state. No one can demand refund.
Francis W. Allen	Oct. 1, 1853	w 1/2 of se	5	88	28	40.00	1.25	12.50		37.50
John B. Skinner	Oct. 19, 1853	nw of sw	19	87	26	32.37	1.25	10.12		30.50
John B. Skinner	Oct. 19, 1853	ne of ne	25	87	27	40.00	1.25	12.50		37.50 Money refunded.
John Gaylor	Nov. 12, 1853	w 1/2 of ne	7	87	27	80.00	1.25	35.75		75.00 Patented and money refunded.
Isaac Murphy	Nov. 28, 1853	nw of se	7	87	26	40.00	1.25	12.50		37.50 Money refunded.
Leander Bohrer	Nov. 28, 1853	w 1/2 of sw	11	86	27	80.00	1.25	25.00		75.00 Money refunded.
Solomon Bathler	Dec. 6, 1853	w 1/2 of se	15	87	26	80.00	1.25	25.00		75.00 Patented and money refunded.
Francis McGuire	Dec. 9, 1853	lot 4	15	87	27	62.50	1.50	93.75		
Ebenezer H. West	Dec. 12, 1853	s 1/2 of sw, w 1/2 of sw of se	19	87	26	92.37	1.25	20.87		86.50 Money refunded.
Benjamin Corban	Dec. 12, 1853	lots 1, 2, 4, 5, e 1/2 of nw, and nw of nw	25	87	27	302.05	1.25	94.37		283.30 Patented and money refunded.
Samuel K. Barnes	Dec. 20, 1853	sw 1/4	13	88	28	160.00	1.25	200.00		Patented and money refunded.
Isaac Murphy	Dec. 27, 1853	e 1/2 of se, sw of se	7	87	26	120.00	1.25	37.50		112.50 Money refunded.
George C. Goss	Jan. 2, 1854	w 1/2 of se	31	88	27	80.00	1.25	25.00		75.00 Money refunded.
Lodowick Maricle	Jan. 3, 1854	lot 8, and se of se	23	87	27	76.75	1.25	19.18		57.56 Patented and money refunded.
David A. Eckerson	Jan. 4, 1854	ne of nw	21	87	26	40.00	1.25	12.50		37.50
Peter Byram	Jan. 7, 1854	e 1/2 of se	15	87	26	80.00	1.25	25.00		75.00
James Craig	Jan. 7, 1854	se of sw	29	87	26	40.00	1.25	50.00		Paid up and patented.
Wesley McKinney	Jan. 10, 1854	ne 1/4, e 1/2 of nw	31	87	26	240.00	1.25	75.00		225.00 Money refunded.
John Everhart	Jan. 10, 1854	se 1/4	31	87	26	303.00	1.25	94.77		284.29 Money refunded.
James Corban	Dec. 13, 1853	nw of ne	25	87	27	40.00	1.25	12.50		37.50 Patented and money refunded.
George Neese	Jan. 7, 1854	nw of ne	21	87	26	80.00	1.50			Patented and money refunded.
W. Neese	Jan. 7, 1854	nw of nw	21	87	26	40.00	1.25			Patented and money refunded.
W. Neese	Jan. 7, 1854	sw of nw	21	87	26	40.00	1.25			Patented and money refunded.
Total						3,554.41				

DES MOINES RIVER LAND PATENTS.

Statement giving a complete list of the Des Moines river land patents deposited in the vault of state land department, giving the number of patent, description of land, name of patentee, and name of county in which the land is situated.

Number	PARTS OF SECTION.	Section	Town.	Range.	Acres.	PATENTEE.	COUNTY.
1	n fr 1/4 of ne	5	70	12	49.64	Sevelr Lewis	Davis.
2	n 1/2 of se	9	71	12	120	Joseph Zollinger	Wapello.
15	e 1/2 of nw	27	71	11	120	Isaac Teeter	Jefferson.
20	se of sw	25	71	12	40	Samuel Bates	Wapello.
32	s 1/2 of sw	33	71	12	80	Hannah Ann Wood	Wapello.
35	sw of se	3	71	13	40	Hiram Royse	Wapello.
51	w 1/2 of se, e 1/2 of sw	27	71	11	160	George W. Hoover	Jefferson.
55	lots 1 and 6, and se of se	1	73	16	136.05	Jabsh P. Eddy	Monroe.
56	w 1/2 of ne, se of nw	17	70	12	120	Richard Gave	Davis.
58	w 1/2 of ne	27	71	11	120	Joseph Ingersol	Jefferson.
58	se of nw	33	71	11	80	John Rumford	Jefferson.
64	e 1/2 of se	31	71	11	80	Benjamin Thomas and John E. Moore	Wapello.
79	sw of nw, nw of sw	1	73	15	80	Jesse Newell	Mahaska.
102	e 1/2 of ne, e 1/2 of se	85	74	15	160	Thomas Nelson	Wapello.
108	nw of se, sw of nw	19	73	14	80	Milton Campbell	Wapello.
110	se of nw	5	72	13	53.07	Josiah M. Kight	Wapello.
111	w 1/2 of nw	9	72	13	80	John Moore	Wapello.
113	n fr 1/4 of nw	19	73	14	83.74	Samu Howard	Wapello.
130	nw of nw	5	72	13	93.48	Edward Cooley	Wapello.
130	ne of nw	17	72	13	40	Geo. W. Knight, Jr.	Wapello.
134	ne of nw	27	72	13	40	William Wilson	Van Buren.
138	ne of se	11	70	11	40	Alexander Crawford	Wapello.
139	nw of nw	29	72	14	40	Thomas Wilson	Wapello.
142	sw of ne	13	73	15	40	Jacob Klipp	Wapello.
145	sw of se	7	73	14	40	Rinaldo Brown	Wapello.
150	se of ne	27	73	14	40	Jacob Rutherford	Davis.
156	nw of nw	21	70	12	40	Robert Brown	Jefferson.
158	s 1/2 of sw	23	71	11	80	Henry Williamson	Wapello.
160	sw of se	19	73	14	200	John Ramsey	Davis.
160	ne 1/4	27	73	14	40	William Duffield	Davis.
165	nw of se	17	70	12	40	Elijah Spangler	Van Buren.
169	se of ne, ne of se	3	70	13	80	Joseph Bones	Mahaska.
171	se of sw	25	72	10	40	Thomas C. Walker	Mahaska.
177	sw of nw	31	75	15	40	James Wier	Wapello.
179	e 1/2 of se	35	72	13	80	Jas. B. Wright, Henry Smith and Charles Dudley, commissioners	Wapello.
183	e 1/2 of se	35	72	13	158.90	Samuel Magee	Wapello.
191	sw fr 1/4	19	73	18	40	John S. Fisher	Wapello.
195	nw of sw	27	72	13	40	Harmon Garvison	Wapello.
202	ne of se	13	72	13	40	Riley E. Hills	Mahaska.
224	w 1/2 of se, ne of se	23	71	12	120	James Stephens	Wapello.
235	sw of sw	17	75	16	98.86	Lewis L. Walker	Mahaska.
240	e fr 1/4 of nw	1	71	13	40	Samuel M. Wright	Wapello.
245	ne of se	1	74	15	40	Daniel A. McIntire	Wapello.
261	nw of nw	15	71	12	80	Jacob Scott	Mahaska.
261	ne of ne	21	71	12	80	Abjiah F. Clarke	Wapello.
263	se of sw	3	71	12	40	Thomas Deford	Wapello.
265	s 1/2 of nw, nw of sw	5	74	15	120	Adam Winneck	Davis.
265	ne of nw	23	72	13	40	Richmond Cheadle	Wapello.
268	ne of sw	27	72	13	80	James Estep	Wapello.
269	se of se	21	72	13	40	Charles Scott	Wapello.
283	sw of se	1	70	13	40	David Johnson	Wapello.
288	sw of se	27	72	13	40	David P. Smith	Wapello.
288	ne of se	17	71	12	40		
302	sw	160					
317	se of sw	17	71	12	40		
323	lots 7 and 8	81	72	13	74.50		

*No. 179 is sw of ne in sale book.

DES MOINES RIVER LAND PATENTS—CONTINUED.

Number.	PARTS OF SECTION.	Section.			Acres.	PATENTEE.	COUNTY.
		Section.	Town.	Range.			
327	se of nw	17	72	13	40	Malon Hibbs	Wapello.
339	se of sw	13	72	13	40	William Hogan	Wapello.
347	w 1/2 of se	1	70	12	240	James G. Campbell	Davis.
347	se	11	70	12	89.10	Samuel Walker	Jefferson.
348	w fr 1/4 of sw	7	71	11	40	Lewis F. Temple	Wapello.
353	ne of ne	3	66	12	41.70	John Wilkinson	Davis.
354	ne fr of ne	3	72	23	131.59	Thomas Jones	Wapello.
361	s 1/2 of nw, nw fr of nw	27	70	11	76.85	Polly Holcomb	Van Buren.
364*	w fr 1/4 of ne	25	71	12	40	James Avery	Wapello.
365	ne of sw	35	70	12	80	George Rlything	Davis.
367	ne of se, sw of se	23	70	11	80	Moses Starr	Van Buren.
384	e 1/2 of ne	23	70	11	40	Benona Freel	Van Buren.
393	ne of se	17	70	11	78.54	Willard F. Miles	Van Buren.
397	lot 8	13	71	13	12.31	Hugh H. Young	Wapello.
400	sw of ne, se of sw	31	71	11	80	George W. Nelson	Jefferson.
401	se of se	13	71	12	40	Dudley Ferris	Wapello.
405	w 1/2 of nw	7	70	12	80	Abraham Peters	Jefferson.
408	ne of nw	17	70	11	78.40	William W. Carron	Davis.
410	lot 6 and sw of nw	23	70	12	80	Daniel Orelghton	Van Buren.
411	nw of ne, ne of sw	7	72	13	80	Abraham Mace	Davis.
414	e 1/2 of ne	13	71	13	40.86	Matthias Nail	Wapello.
415	lot 8	9	71	13	57.35	Andrew Cummins	Wapello.
420	lot 5	29	72	13	40	Conrad Shank	Wapello.
424	ne of se	15	70	11	80	William Park	Van Buren.
432	w 1/2 of se	7	71	11	80	Benjamin F. Brown	Davis.
443	e 1/2 of se	25	70	12	40	Francis Ham	Davis.
446	ne of se	7	70	12	46.64	William Miller	Davis.
449	nw fr of nw	21	71	12	40	Oliver H. Mitchell	Wapello.
450	sw of ne	25	69	8	40	John Docklog	Van Buren.
460	se of sw	25	69	8	40	John Docklog	Van Buren.
466	lot 2	31	73	14	55.55	William Bevell	Wapello.
468	se of nw	3	72	14	40	George W. Linkenback	Wapello.
507	ne of nw	35	73	14	40	Lewis P. Baker	Wapello.
508	sw of se	23	74	15	40	Benjamin Thomas	Mahaska.
512	lot 4	23	72	14	57.64	Joseph Delay	Wapello.
525	se of ne	23	74	16	40	Herman Snow	Mahaska.
542	e 1/2 of ne	15	73	14	80	John Boyd	Wapello.
545	s 1/2 of ne	19	70	11	80	Horace D Gorham	Van Buren.
560	nw of ne	13	75	18	80	Joseph Pong	Mahaska.
563	e 1/2 of se	27	68	10	80	Issac Hoskin	Van Buren.
569	e 1/2 of se	27	68	10	80	William Hoskin	Van Buren.
570	w 1/2 of se	27	68	10	80	Issac Hoskin	Van Buren.
594	lots 6,7,8,9 & nw fr of ne	1	76	20	229.43	Elihu Alley	Jefferson.
597	se of sw	31	71	10	40	Abner Beale	Wapello.
598	w 1/2 of se, ne of sw	13	72	13	40	Isaac Holderman	Wapello.
598	sw of se	21	77	22	120	John Oarsner	Warren.
607	w 1/2 of se, ne of sw	13	72	13	40	John Rhodes	Wapello.
609	nw of ne	13	71	12	40	John Rhodes	Van Buren.
614	sw fr of sw fr	7	70	10	44.21	William Wilson	Wapello.
619	nw of se	13	72	13	72	William W. Nelson	Wapello.
620	w fr 1/4 of nw	31	69	7	86.96	Nathaniel Myers	Lee.
622	w 1/2 of sw	11	74	17	80	Samuel Martin	Mahaska.
633	e 1/2 of ne	35	75	18	80	Ebenezer Ridlin	Marion.
634	se of ne	3	71	13	40	Joseph Myers	Wapello.
637	se of sw	27	72	13	40	Cyrus Franklin	Wapello.
640	sw of ne	3	71	13	40	John Abernethy, Sr.	Wapello.
664	lots 5 and 6	11	76	19	103.03	Michael S. Morris	Marion.
669	se of sw	17	75	17	40	Benjamin Franklin	Mahaska.
674	n fr 1/4 of sw	31	75	17	79.38	John Hollowell	Mahaska.
675	ne of ne	29	73	14	40	Issac Fisher	Mahaska.
684	nw fr of ne	3	75	19	34.86	George G. Rose	Marion.
688	sw of se, se of sw	33	78	22	160	Charles H. Hamlin	Polk.
690	ne	3	71	13	40	Peter Vandevanter	Polk.
727	e 1/2 of ne	29	72	14	80	Richard Bush	Wapello.
742	lot 6	7	73	15	53.38	Jabez P. Eddy	Wapello.
750	lot 1	17	73	15	59.50	James Baker	Wapello.
755	lot 2	1	73	15	36	Henry C. Waldrip	Monroe.
759	se of se	1	69	10	40	George N. Rosser	Davis.
769	lots 1 and 2	25	74	16	71.54	Jacob Bassinger	Mahaska.
797	sw of sw	21	71	12	40	James Michael	Wapello.
802	e 1/2 of se	17	70	12	80	Aaron Wilkinson	Davis.

*No. 364 should be e fr 1/2 of ne, section 27, township 70, range 11.

DES MOINES RIVER LAND PATENTS—CONTINUED.

Number.	PARTS OF SECTION.	Section.			PATENTEE.	COUNTY.
		Town.	Range.	Acres.		
810	nw of se.	35	75	18	Owen Dond.	Marion.
812	ne of nw.	11	75	18	Andrew Foster.	Marion.
816	se of se.	11	75	17	John Conner.	Marion.
820	lot 2.	15	74	16	Thomas Nichols.	Marion.
824	w ½ of sw.	15	74	16	Daniel Covey.	Marion.
828	se of ne.	17	73	14	Anna Newell.	Wapello.
850	ne of ne.	13	72	14	George Cain.	Monroe.
851	se of nw.	13	72	14	Barney Boyston.	Wapello.
853	s ½ of sw.	13	72	14	Anderson Vowell.	Wapello.
856	lot 5.	9	72	14	Anderson Vowell.	Wapello.
857	ne of se.	29	72	14	Anderson Vowell.	Wapello.
859	se of sw.	29	72	14	Richard Bush.	Wapello.
863	s ½ of nw.	8	71	14	Anderson Vowell.	Wapello.
870	sw of nw.	7	67	8	Joseph Dely.	Wapello.
875	se of nw, ne of sw.	8	70	8	Lawrence Scott.	Van Buren.
884	lots 7 and 8.	19	75	17	James McRoberts.	Polk.
891	ne of sw.	21	75	16	Rufus B. Jones.	Marion.
906	s ½ of se.	9	72	23	James M. Walters.	Mahaska.
908	n ½ of nw.	15	77	23	Eli Trout.	Mahaska.
909	w ½ of sw.	5	77	23	John Galbreath.	Warren.
914	sw of se.	3	77	23	Jane Hollingsworth.	Warren.
915	sw ¼.	3	77	23	John Hargis.	Warren.
921	sw of se.	1	69	12	Allen B. Hall.	Warren.
923	n ½ of se.	21	75	18	James A. Scott and John G. Lile.	Davis.
942	s ½ of se, se of sw.	27	78	23	Charles Cox and Jas. Cox.	Marion.
943	lot 1 and e ½ of nw.	21	78	23	William Compton.	Polk.
947	lots 1, 9 and e ½ of se.	3	78	23		
947	nw of ne.	15	78	23	Lewis Barlow.	Polk.
956	e ½ of ne, ne of se and lot 8.	18	76	19	Cornelius T. Lam.	Marion.
959	e ½.	9	76	18	Leendert Colyn, Gysbert Van Holvelein, Hendrik Van Vliet and Dirk den Oter.	Marion.
985	sw of sw.	35	70	11	Samuel D. Holcomb.	Van Buren.
988	ne of se.	13	72	13	James Davidson.	Wapello.
989	sw of sw.	27	73	40	James Davidson.	Wapello.
990	se of nw.	23	67	9	Thomas W. Wilson.	Van Buren.
991	ne of se.	1	70	1	William Monroe.	Van Buren.
994	se of ne.	27	71	12	George Humphry.	Wapello.
1009	nw fr of nw.	31	69	10	David Newhouse.	Van Buren.
1016	w ½ of sw.	25	77	19	Allen Leahard.	Marion.
1018	sw fr ¼, sw of nw.	31	77	18	Daniel Earl.	Marion.
1019	nw of ne.	11	77	18	Dann Gares.	Marion.
1021	nw of ne.	33	73	16	George Argabright.	Mahaska.
1032	se fr ¼, se of ne.	27	77	20	Hanna Alley.	Marion.
1037	ne of nw.	37	77	19	George Argabright.	Mahaska.
1057	ne fr ¼.	3	77	23	Creath Renro.	Mahaska.
1079	se of ne.	23	69	11	Samuel Koush.	Warren.
1083	nw of se.	5	73	15	Samuel Koush.	Van Buren.
1084	nw of se.	31	73	16	John Kavanaugh.	Wapello.
1085	se of ne.	13	73	19	Jerome B. Sween.	Marion.
1092	nw of se.	13	73	19	John Gares.	Marion.
1099	w ½ of nw.	13	73	16	William L. McKinney.	Mahaska.
1101	lot 1.	7	73	16	Christian Ver Waven.	Wapello.
1106	sw and s ½ nw.	7	73	15	Esau S. Folk.	Mahaska.
1112	e ½ of sw.	19	73	16	James Kous.	Marion.
1119	w ½ of ne, e ½ of nw.	25	76	18	William Welch.	Marion.
1120	w ½ of se.	35	73	18	John P. Young.	Marion.
1123	nw ¼.	1	78	24	Robert Findley.	Marion.
1128	e ½ of se.	11	72	14	John Harris.	Polk.
1129	e ½ of ne.	17	73	16	David Armstrong.	Wapello.
1134	sw of se.	19	68	10	Jonathan Thompson.	Monroe.
					Jacob Teter.	Van Buren.

DES MOINES RIVER LAND PATENTS—CONTINUED.

Number.	PARTS OF SECTION.	Section.			PATENTEE.	COUNTY.
		Town.	Range.	Acres.		
1143	nw fr of ne.	3	69	12	Samuel Matthew.	Davis.
1145	lots 2 and 8.	23	69	12	Henshale Gray.	Marion.
1155	ne of se.	33	70	12	Catharine Winton, guardian for heirs of Bradley Winton.	Davis.
1160	nw of sw.	11	71	14	Curtis Knight.	Wapello.
1163	e ½ of sw.	3	72	23	Charles W. Freel.	Warren.
1166	e ½ of se, nw of se.	33	71	13	James Rowland.	Warren.
1177	n ½ of sw.	7	75	19	Israel Rupp.	Wapello.
1177	se of se.	7	75	16	William McCurdy.	Mahaska.
1186	nw fr of nw, se of nw.	31	72	14	Daniel C. Nichols.	Wapello.
1185	se of se.	11	72	14	Thomas Karr.	Marion.
1197	n ½.	39	79	23	George Knoop.	Polk.
1199	se of ne.	33	71	13	James Rowland.	Wapello.
1208	s ½ of sw.	1	77	21	Jos. W. McWilliams.	Marion.
1210	w ½ of ne.	29	70	11	William McHugh.	Van Buren.
1221	sw of nw.	1	69	12	George N. Rosser.	Davis.
1222	sw of ne.	7	71	13	William C. McIntire.	Wapello.
1235	se ¼.	13	78	18	Joseph Porter.	Marion.
1239	nw of nw.	13	75	16	Manan Bozarth.	Marion.
1245	sw fr of sw.	31	71	13	Henry Avery.	Wapello.
1255	se of nw.	25	75	16	Levi S. Terwilliger.	Mahaska.
1264	s ½ of se.	1	71	13	Reuben Voss.	Wapello.
1275	w ½ of se.	1	69	12	John M. Draper.	Warren.
1279	sw of sw.	1	69	12	James A. Clark.	Davis.
1284	w ½ of sw, se of sw.	21	77	23	John H. Reynolds.	Warren.
1287	se of nw, w ½ of ne.	25	71	13	James A. Brown and William D. Sanford.	Wapello.
1300	ne of nw.	21	71	12	Simon F. Likens.	Wapello.
1301	se of ne.	1	77	21	Dan Kyra.	Marion.
1303	se of se.	5	75	21	William Glenn.	Marion.
1304	nw of sw.	18	70	12	George Washington.	Davis.
1325	nw fr of ne.	5	78	21	Adrian Richabaugh.	Marion.
1329	e ½ of se.	31	78	21	Henry Sheerer.	Jasper.
1336	w ½ of sw.	21	78	21	William Dunselson.	Warren.
1341	sw of nw.	27	77	23	Uriah Robey.	Warren.
1342	lots 1 and 8.	9	77	22	Stephen Howell.	Warren.
1345	s ½ of sw.	15	77	23	Jan. L. Hengevold.	Mahaska.
1353	ne of sw.	1	76	17	Cornelius den Hartog.	Marion.
1370	ne of sw.	9	76	19	Thomas Dickey.	Marion.
1396	lots 2, 5 and 7.	9	76	19	William Sutherland.	Marion.
1404	ne of nw.	25	77	20	Arnold Gesman.	Marion.
1410	sw of nw.	35	77	18	Elizabeth Williams.	Marion.
1433	lot 6.	35	77	20	George Allison.	Marion.
1441	se ¼, w ¼ of ne, se of ne.	11	77	21	Napoleon B. Allison.	Marion.
1442	lot 6 and ne of ne.	15	77	21	John Howard.	Warren.
1452	ne ¼.	1	77	22	William Glenn.	Warren.
1456	ne of ne.	25	77	22	John Farley.	Warren.
1459	sw fr ¼, se.	31	77	23	Mordcai Disney.	Warren.
1463	se of sw.	1	77	23	Harmoo Hayworth.	Warren.
1467	sw of se.	23	77	23	Hiram Niday.	Polk.
1472	n ½ of ne.	18	73	20	Robert Canady.	Polk.
1483	w fr ¼ of sw.	19	78	22	Ruford Burdison.	Polk.
1487	nw of sw, sw of se.	29	78	22	William Dawson.	Polk.
1491	lots 5 and 6.	15	78	21	Lewis Barlow.	Polk.
1496	lot 1, ne of se, sw of ne.	15	78	23	William Deaton.	Polk.
1497	se of ne.	15	78	23	Job Dewey.	Polk.
1498	se of ne.	15	78	23	Joshua Chapman.	Polk.
1503	se of ne.	15	78	23	John P. Young.	Mahaska.
1507	e ½ of nw.	25	78	23	William Park.	Van Buren.
1509	ne of nw.	35	78	23	Henry Michael.	Wapello.
1518	nw fr of nw.	17	78	23	Arthur Young.	Marion.
1521	sw of nw.	24	70	10	William Bristow.	Marion.
1523	se of sw.	25	78	15	Seendert Koelein.	Marion.
1531	nw of ne, ne of nw.	9	76	21	Cath. Winton, guardian of heirs of B. Winton.	Davis.
1532	se of se.	9	76	21		
1533	w ½ of ne and se of ne.	21	76	18		
1533	sw of ne.	33	70	2		

* No. 1336. This description same as in sale book; patent has both tracts in section 21.

DES MOINES RIVER LAND PATENTS—CONTINUED.

Number.	PARTS OF SECTION.	Section.	Town.	Range.	Acres.	PATENTEE.	COUNTY.
1534	lot 8.	3	75	18	68.45	Samuel Bacon.	Marion.
1534	nw of se	9	75	18	80	Michael Howard.	Warren.
1538	w ½ of sw	1	74	17	80	James Henderson Stark.	Maahaska.
1540	½ of sw	1	74	17	80	James Henderson Stark.	Maahaska.
1544	se of se.	17	69	8	40	Vand Tade.	Van Buren.
1545	e ½ of se.	11	75	23	80	Henshick Lee.	Maahaska.
1550	se of se.	11	75	23	80	James McF Thompson.	Polk.
1561	nw fr of nw.	19	74	13	42.57	James Arter.	Wapello.
1561	lot 6.	25	76	19	35.83	Thomas Dickey.	Marion.
1562	sw of nw, ne of nw	7	74	18	40	Jeremiah Leming.	Polk.
1582	w ½ of sw.	13	78	22	80	Elijah Wicker.	Polk.
1583	sw of se.	19	73	14	40	Jonathan Wittenmeyer	Wapello.
1588	ne of nw.	7	74	18	40	Robert Y.	Polk.
1592	sw of ne.	9	76	21	40	Larken Young.	Warren.
1595	ne of se.	13	75	17	40	Cornelius Vanhoesin.	Maahaska.
1596	nw of ne.	11	72	14	40	Charles G. Warden.	Wapello.
1604	e ½ of se.	7	70	12	80	Adam Mining.	Wapello.
1604	sw of nw.	7	70	12	80	Samuel D. Holcomb.	Van Buren.
1611	nw of ne.	11	69	11	40	Jonas Carver.	Warren.
1612	s ½ of ne.	25	78	23	80	Joseph Langdon.	Polk.
1624	ne of ne.	27	72	14	40	Rinaldo Brown.	Wapello.
1629	ne fr of ne.	3	76	22	40.22	Hiram A. Lambert.	Warren.
1630	nw of sw.	35	77	22	40	Alfred Piles.	Warren.
1632	so of se.	3	78	22	40	Robert Baley.	Polk.
1638	sw ¼, w ½ of se.	3	76	22	40	Lyle Garret.	Polk.
1644	nw of ne.	26	70	12	40	Francis Ham.	Polk.
1645	e ½ of nw, & nw of nw	26	70	12	120	Edward Shelton.	Polk.
1650	nw of se.	3	76	22	40	Trammel D. Gillaspie.	Polk.
1651	nw of se.	23	70	10	40	Martin Smith.	Marion.
1670	nw of sw.	29	72	12	40	Thomas Brumby.	Wapello.
1677	lot 4.	23	78	22	25.84	Jon Dewey.	Polk.
1680	lot 1.	23	78	22	25.15	Jeremiah Church.	Polk.
1682	nw of nw.	27	77	20	40	Admiral B. Miller.	Marion.
1687	nw of se.	6	89	11	40	Jonathan Ferris.	Van Buren.
1688	nw of ne.	35	78	16	40	Joshua B. Chapman.	Polk.
1695	ne of ne.	9	73	16	40	John B. Gray.	Monroe.
1696	lot 2.	9	77	22	39.91	John Newell.	Warren.
1707	nw fr of ne, ne fr of nw	3	73	16	69.96	Willoughby Boone.	Monroe.
1701	sw of se.	3	76	19	40	John King.	Marion.
1704	n ½ of ne, nw of se and lot 2.	25	78	23	169.50	Jon Dewey.	Polk.
1718	lot 6.	11	78	24	62	Henry B. Mitchell.	Polk.
1720	so of sw.	11	78	24	40	Seth Fairchild.	Maahaska.
1733	so of nw.	5	73	14	40	David W. Morris.	Polk.
1734	lot 8.	11	78	24	53.85	Henry B. Mitchell.	Polk.
1735	w ½ of sw.	3	74	16	80	Elijah Wesley Talking.	Maahaska.
1737	se of sw.	3	70	13	40	Lucien B. Sweet.	Davis.
1741	se of se.	1	77	23	40	John Harris.	Warren.
1744	se of ne.	15	73	14	40	Benjamin G. Sapient.	Wapello.
1747	ne of ne.	7	69	10	40	William Roberts.	Van Buren.
1770	sw of ne.	13	70	13	40	Abern M. Burns.	Davis.
1782	se of sw, sw of se.	3	73	13	40	Thomas Newell.	Wapello.
1787	nw of sw.	25	78	24	40	Jeremiah Leming.	Polk.
1798	w ½ of ne.	7	70	12	80	William T. Fishburn and Peter Hendricks.	Davis.
1801	s ½ of ne.	27	78	22	80	James McOnium.	Polk.
1804	se of sw.	1	77	24	40	Thomas C. Walker.	Warren.
1809	nw of ne.	35	73	14	40	Lewis Deaton.	Polk.
1812	nw of se, ne of sw.	9	76	21	80	Nathaniel Bristow.	Marion.
1822	w ½ of sw, ne of se.	9	75	21	120	Harrison Jordan.	Marion.
1847	ne of ne.	3	73	13	80	Mathon Hibbs.	Wapello.
1849	se of nw.	7	70	12	40	William Mitchell.	Davis.
1850	ne of sw, se of nw.	11	80	11	80	William Anderson.	Van Buren.
1867	n ½ of ne.	17	71	13	40	John D. Devel.	Wapello.
1876	ne of sw.	3	76	21	40	Isaac Vinson.	Marion.
1877	se of nw.	9	76	21	40	Larkin Young.	Marion.
1881	w ½ of ne.	3	73	13	120	Allen B. Hall.	Warren.
1881	ne of se.	21	77	23	40	Edward Billaps.	Marion.
1886	nw fr of nw.	3	76	19	37.44	Andrew Stevans.	Marion.
1887	sw of nw.	5	70	19	40	Joseph Patterson.	Van Buren.
1890	ne of sw.	5	70	10	40	Joseph Patterson.	Van Buren.

DES MOINES RIVER LAND PATENTS—CONTINUED.

Number.	PARTS OF SECTION.	Section.	Town.	Range.	Acres.	PATENTEE.	COUNTY.
1896	w ½ of sw	33	74	22	80	Frederick A. Perry.	Warren.
1896	ne of sw	33	74	22	80	Asa Krapp.	Maahaska.
1910	se of se.	13	78	23	40	William A. Porter.	Polk.
1915	lots 1 and 2	5	78	23	85.93	Thomas H. Napier.	Polk.
1918	n ½ of ne.	13	78	23	80	John Young.	Polk.
1921	s ½ of se.	33	78	23	80	William R. Butler.	Polk.
1924	se of se.	33	72	13	40	John D. Devin.	Wapello.
1928	w ½ of se, s ½ of nw.	29	75	13	150	Able Friedrickson.	Marion.
1929	e ½ of sw, nw of se.	29	75	23	120	Alanson Harrison.	Polk.
1930	w ½ of nw.	33	75	23	80	Jonathan Keeney.	Polk.
1944	nw fr of nw.	15	76	19	83	Rinaldo Brown.	Marion.
1966	nw of sw.	15	76	19	40	James Caldwell.	Wapello.
1968	sw fr of nw.	7	69	11	44.80	Jonathan Ferris.	Van Buren.
1972	w ½ of sw.	17	78	22	40	Grandville Hendricks.	Polk.
1976	w ½ of sw.	23	71	14	80	William L. Baker.	Wapello.
1980	ne of se.	33	78	23	40	Jonathan Keeney.	Polk.
1981	sw of se.	21	78	23	40	Trammel D. Gillaspie.	Polk.
1982	e ½ of nw.	7	78	23	80	Able Lauson.	Polk.
1984	n ½ of nw.	35	77	22	80	William Donaldson.	Warren.
1991	ne of sw.	45	77	22	40	James T. Gelvin.	Warren.
2009	ne fr of ne.	5	76	20	39.16	Adam Rickbackough.	Marion.
2012	se of sw.	21	70	11	40	John Coon.	Van Buren.
2019	w ½ of se, ne of se.	17	77	21	120	David B. Roseman.	Warren.
2023	ne of ne, ne of se.	33	78	22	80	David W. Johnson.	Polk.
2024	se of ne.	33	78	22	40	David Johnson.	Polk.
2045	e ½ of nw.	30	78	16	80	John W. Johnson.	Maahaska.
2045	ne of ne.	39	71	11	40	Samuel Brown and Geo. Brown.	Jefferson.
2056	nw of ne.	33	78	22	40	David W. Johnson.	Polk.
2063	se of se.	3	70	13	40	William Duffield.	Davis.
2065	nw of se.	45	78	23	40	Francis M. Childs.	Polk.
2068	ne of ne.	17	77	21	40	Edmund Marry.	Marion.
2086	s ½ of sw.	15	78	21	80	William Means.	Jasper.
2087	se of se.	29	78	21	40	Anderson Bradford.	Jasper.
2092	w ½ of ne.	11	78	23	40	Jeromiah Dawson.	Polk.
2094	ne of ne.	7	70	12	40	John D. Devin.	Davis.
2097	ne of nw.	29	78	23	40	James Fleming.	Polk.
2101	sw of ne.	33	77	18	40	Haney T. Frazier.	Polk.
2105	w ½ of nw.	35	77	20	80	John D. Devin.	Marion.
2118	n ½ of ne.	30	78	22	40	Daniel Hiskey.	Marion.
2133	n ½ of nw.	35	70	12	80	Christian Ham.	Davis.
2149	w fr ½ of nw.	19	78	11	58.62	Jacob Booker.	Jasper.
2161	sw of se.	7	79	10	40	Nathaniel Frazier.	Polk.
2169	sw of se.	7	79	10	40	Jacob Sawvel.	Van Buren.
2178	ne of ne.	27	77	22	40	James Stone.	Warren.
2207	so of ne.	33	78	14	40	Peter P. Frazier.	Wapello.
2227	nw of ne.	33	70	12	40	James Winton.	Davis.
2232	sw of sw.	5	69	10	40	Joseph Freeman.	Van Buren.
2239	se of ne.	13	71	13	80	James A. Sanford.	Wapello.
2243	nw fr of ne.	5	73	16	34.72	Peter Ohitwood.	Monroe.
2249	se of se.	35	78	23	40	Lewis Powell.	Polk.
2250	se of ne.	35	78	23	40	Francis M. Childs.	Polk.
2259	sw of ne.	17	77	22	40	Martha Thornton.	Warren.
2263	sw of nw.	21	70	10	40	Isaac Nedrow.	Van Buren.
2273	lots.	9	77	22	42.10	Peter Ridgeway.	Warren.
2280	ne of sw.	29	77	22	40	William Myrick.	Warren.
2282	ne of ne.	25	73	14	40	Henry H. Peterson.	Warren.
2282	nw of ne.	25	77	23	40	Andrew L. Myrick.	Warren.
2288	w ½ nw, ne of sw, and lot 1.	15	77	21	149.40	James A. Brown and John D. Sanford.	Marion.
2290	se of sw.	25	77	23	40	Herman P. Graves.	Warren.
2291	sw of ne.	25	77	23	40	Valentine Bonbright.	Warren.
2297	ne of sw.	9	70	12	40	James Duffa.	Davis.
2300	sw of ne.	23	78	24	40	Hyron Rice.	Wapello.
2300	nw of nw.	25	78	24	40	John Aunsand.	Wapello.
2300	nw of nw.	25	78	24	40	Grandville Holland.	Polk.

*No. 1930, sale book, says: Sold to Joseph Keeney, and No. 1744, a prior patent to William Lewis, Vol. A, page 116.

†No. 2287, sale book, has the range 22 instead of 21.

DES MOINES RIVER LAND PATENTS—CONTINUED.

Number	PARTS OF SECTION.	Section.	Town.	Range.	Acres.	PATENTEE.	COUNTY.
2506	nw of sw	25	72	15	40	John I Sponseller	Polk.
2509	se of nw	27	77	20	40	Admiral B. Miller	Wapello.
2514	nw fr of nw	3	75	17	35.61	Thomas Lyon	Mahaska.
2517	n fr 1/2 of nw	1	77	22	61.50	Jonathan Parkinson	Polk.
2518	sw of se	31	78	21	40	James Hamlin	Jasper.
2522	lot 6	2	75	18	44.87	Washington Campbell	Marion.
2525	ne of ne	15	74	22	40	Charles Black	Polk.
2522	ne of sw	7	70	12	40	Adam Mink	Davis.
2527	se of se	5	77	21	40	William Cottrell	Marion.
2400	lot 2	11	75	18	41.33	John Price	Marion.
2443	sw of nw	11	77	23	40	Absalom Hollingsworth	Warren.
2449	nw of ne	15	78	21	40	Gilmore Logan	Marion.
2455	nw of sw	7	74	14	40	Benjamin Bann	Wapello.
2456	lots 3 and 4	39	77	20	93.90	Simon Reynolds	Marion.
2465	sw of se	17	70	10	40	Jonathan Sawrell	Van Buren.
2479	sw of nw	33	78	22	40	John Hull, Sr.	Polk.
2481	s 1/2 of se	1	77	22	80	Anderson Ritchey	Warren.
2485	nw fr of nw, se of nw	31	77	18	75.12	Daniel Earl	Marion.
2490	lot 7	39	77	20	37.18	Simon Reynolds	Marion.
2497	sw of nw	1	71	12	40	Ward Lamson	Wapello.
2503	ne of nw	17	77	21	40	William H. Palmer	Marion.
2512	ne of sw	35	75	17	40	Francis Whittenger	Mahaska.
2514	sw of nw	13	74	18	40	Isabella Lee	Marion.
2517	lot 4	7	76	19	4.84	William Carr	Polk.
2519	sw of sw	25	79	23	40	Solomon Runyon	Polk.
2521	se of ne	27	77	23	40	Allen B. Hall	Warren.
2523	lot 1	1	76	29	16.63	James W. Harp	Marion.
2528	nw of sw	5	76	21	40	Henderson Polston	Marion.
2529	se of ne	9	79	14	40	George Miller	Van Buren.
2538	nw of nw	27	75	18	40	Joseph Graham	Marion.
2542	sw of sw	23	73	16	40	Jeremiah Miller	Monroe.
2545	ne of nw	31	77	18	40	James Taylor	Marion.
2551	sw of ne	15	76	21	40	Gilmore Logan	Marion.
2568	nw fr of nw	1	71	13	59.75	Jesse Williams	Wapello.
2573	nw of se	25	73	15	40	Alvin Miller McCord	Wapello.
2577	n fr 1/2 of nw	5	77	20	59.90	Francisco H. Hughes	Marion.
2582	sw of ne	21	70	12	40	Daniel Miller	Davis.
2583	sw of ne, se of nw	23	70	12	80	David Oreghton	Davis.
2588	ne fr of ne	1	71	15	53.95	Henry B. Boes	Wapello.
2589	w 1/2 of sw	19	78	21	55.90	James Young	Jasper.
2594	n 1/2 of ne, ne of sw	3	77	23	120	Jeremiah Church and Daniel Moore	Warren.
2593	sw of ne	7	77	20	40	Charles N. Lester	Marion.
2594	sw of nw	23	78	21	40	James D. Norris	Jasper.
2596	ne of nw	35	77	19	40	Samuel Watson	Marion.
2598	sw of se	25	74	17	40	Abner Fuller	Mahaska.
2612	sw of nw	21	73	15	40	James Myers	Wapello.
2615	sw of sw	31	73	15	39.04	John Stephenson	Wapello.
2619	sw of se, ne of se	9	77	22	80	Thomas Ward	Warren.
2619	sw of ne	34	76	19	40	Harmon Garrison	Marion.
2623	se of se	25	76	20	40	William Burch	Marion.
2625	s 1/2 of sw, sw of se	27	78	22	130	Gideon Ferguson	Polk.
2627	nw of se	19	75	18	40	William Stewart	Marion.
2634	ne of sw	21	76	20	40	Daniel Mc Quarry	Marion.
2637	sw of sw	1	75	19	40	Azel B. Walters	Marion.
2641	w 1/2 of sw	13	77	23	40	Solomon Wright	Warren.
2642	sw of nw	13	77	23	40	John White	Warren.
2644	lot 2	31	77	20	33.55	Alozo Reynolds	Marion.
2644	ne fr of nw	1	77	24	40.89	William Childs	Warren.
2645	lot 7	1	76	19	40	Lewis Barlow	Polk.
2647	sw of se	3	78	25	40	Mint Ostinger	Marion.
2648	nw fr of nw	31	71	17	40.99	David H. Johnson	Wapello.
2655	sw 1/2, n 1/2 of se, sw of ne	23	78	24	280	Jesse Williams	Polk.
2656	s 1/2 of nw	35	74	16	80	William Buck	Mahaska.
2657	sw of ne	33	77	23	40	Charles Hinshaw	Warren.
2658	nw fr of ne	1	69	12	40.90	Isaac Overall	Davis.
2659	n fr 1/2 of ne, s 1/2 of se	1	77	23	143.87	John D. Parmelee	Warren.
2660	se of ne	3	77	21	40	Charles Owens	Warren.
2662	sw of sw	23	76	19	40	Jarius E. Neal	Marion.
2663	sw of sw	17	76	19	40	John Welch	Mahaska.
2666	se of se	17	79	23	40	Jesse C. Melton	Polk.

*See sale book for cancellation of No. 2397.

DES MOINES RIVER LAND PATENTS—CONTINUED.

Number.	PARTS OF SECTION.	Section.	Town.	Range.	Acres.	PATENTEE.	COUNTY.
2668	se of nw	13	77	23	40	Benjamin Smith	Warren.
2674	n 1/2 of sw	13	74	18	80	Jarius E. Neal	Marion.
2675	e 1/2 of nw, nw of nw	13	74	18	120	Jarius E. Neal	Marion.
2678	ne of ne	13	75	19	40	Jarius E. Neal	Marion.
2678	nw fr of nw	3	75	19	34.98	Jarius E. Neal	Marion.
2679	ne of se	33	76	19	40	Jarius E. Neal	Marion.
2680	ne of sw	25	75	19	40	William B. Stroud	Marion.
2684	se of nw	25	76	19	40	Charles W. Freed	Marion.
2688	n fr 1/2 of ne	5	70	13	50.13	Thomas Clark	Davis.
2697	sw of nw	3	70	13	40	Thomas Clark	Davis.
2698	n 1/2 of se	3	74	18	80	John Hamaker	Marion.
2703	nw of sw	3	78	24	40	Nathan Andrews	Polk.
2704	w 1/2 of ne, ne of ne	29	78	22	120	Marion Warren	Polk.
2706	se of nw	29	78	22	40	Robert Kennedy	Polk.
2707	se of ne	29	78	22	40	John D. Wells	Polk.
2711	se of ne	17	72	14	40	James C. Tolman	Warren.
2712	ne of se	31	73	15	80	Samuel Black	Wapello.
2719	n 1/2 of nw	15	73	16	40	Joseph Gardner	Wapello.
2737	sw of se	15	73	16	40	Joseph B. Budell	Monroe.
2741	se of se	7	71	13	40	William C. McIntire	Wapello.
2748	nw of se	33	78	21	40	Ezra H. Baker	Jasper.
2751	nw of nw	35	77	22	40	Richard R. Coon	Warren.
2752	w fr 1/2 of sw	31	77	21	59.43	Herman P. Graves	Marion.
2755	nw of ne	21	77	20	40	Jacob Roder and Isaac Yokum	Marion.
2759	se of nw	7	77	20	40	Jonathan Mullins	Marion.
2766	se of nw, ne of sw	27	76	20	80	Levi Market	Marion.
2761	sw of se, nw of nw	13	71	14	40	Henry Marthon	Marion.
2766	ne of nw	5	76	20	40	James C. Tolman	Wapello.
2767	ne of nw	5	76	20	40	Peter Rickabaugh	Marion.
2769	se of sw	11	75	18	40	James Seby Parsons	Marion.
2778	sw of nw	9	76	21	40	Larkin Young	Marion.
2779	ne of nw	35	73	16	40	Herman P. Graves	Monroe.
2781	sw of nw (canceled)	25	73	22	40	Isaac Everett	Polk.
2785	se of ne	27	75	18	40	John Kiddle	Marion.
2786	sw of nw	3	73	15	40	Sevase Letner	Wapello.
2793	se of sw	25	73	16	40	Henry McBride	Monroe.
2801*	ne of ne	25	78	22	40	Norman Johnson	Polk.
2802	lots 2 and 6, and sw of se	3	78	23	129.68	John Barlow	Polk.
2804	se of ne	23	78	23	40	John M. Townsend	Polk.
2805	ne of se	35	79	23	40	James Oglevie	Polk.
2816	nw of sw	3	76	21	40	William F. Davis	Marion.
2821	se of sw	17	76	20	40	William Lynn	Polk.
2827	nw of sw	33	77	21	40	David McQuarry	Marion.
2828	se of se	35	77	22	40	Herman P. Graves	Marion.
2830*	ne of se	35	77	22	40	Samuel R. Cain	Warren.
2831	sw of ne	35	77	22	40	William Campbell	Warren.
2832	s 1/2 of se	35	77	22	80	Gastavus M. Aldrick	Warren.
2833	nw of nw	9	78	21	40	David Tuttle	Marion.
2836	ne of sw	33	76	19	40	Francis Everett	Marion.
2835	w fr 1/2 of nw, ne of nw	19	78	24	126.68	Phineas M. Casady	Polk.
2853	s 1/2 of sw	1	79	24	40	Stephen Dyllibiss	Polk.
2863	w 1/2 of ne, ne of se	15	79	24	120	Nathaniel J. Powers	Polk.
2865	se 1/4	19	79	24	160	William R. Clase	Polk.
2866	n 1/2	19	79	24	160	Henry Hutsonpiller	Polk.
2867	n 1/2	29	79	24	80	Nathaniel J. Powell	Polk.
2869	sw of nw	3	79	24	40	John Hays	Polk.
2875	lot 6	31	80	24	45.85	John W. Wilkin	Polk.
2876	lots 3, 4 and 5	31	80	24	152.86	Edwin R. Clapp	Polk.
2877	lot 3	31	80	24	37.16	Richard L. Prowtz	Polk.
2879	e 1/2 of sw	31	80	24	80	William H. McHenry	Polk.
2880	ne of nw	31	80	24	40	Jonathan W. Brewer	Polk.
2882	w 1/2 of nw	33	80	24	80	Edwin R. Clapp	Polk.
2883	se of nw	33	80	24	40	Armon T. Varoe	Polk.
2884	w 1/2 of se	33	80	24	80	Hedrick Raseboom	Polk.
2891	nw of nw	25	79	25	40	Charles Murrow	Polk.
2892	e 1/2 of se	25	79	25	80	Henry C. Grimmel	Polk.
2893	sw 1/4	25	79	25	160	Francis C. Grimmel	Polk.

* No. 2801 is nw of ne in sale book. No. 2830 is nw of se in book.

DES MOINES RIVER LAND PATENTS—CONTINUED.

Number	PARTS OF SECTION.	Section.			PATENTEE.	COUNTY.
		Town.	Range.	Acres.		
2896	lot 4.	3	80	35	Leonard M. Small.	Polk.
2902	ne of nw.	21	80	35	Nathaniel J. Powell.	Polk.
2903	w 1/2 of ne.	21	80	40	Joseph Hiner.	Polk.
2905	ne of ne.	80	80	40	Samuel Hunt.	Polk.
2912	w 1/2 of se.	21	81	25	George H. B. Hopkins.	Polk.
2915	w 1/2 of sw.	81	25	80	John M. Nicwander.	Polk.
2918	1/2 of nw & lots 1 & 2.	81	26	161.83	John Richart.	Polk.
2919	sw of ne	81	26	49	Crawford Cole.	Dallas.
2928	sw of ne	82	26	40	George Hill.	Boone.
2927	nw of ne	82	26	40	Richard Green.	Boone.
2935	se of se.	82	26	40	Crawford Cole.	Boone.
2937	n 1/2 of sw.	33	82	26	Benjamin Williams.	Boone.
2941	e 1/2 of se, se of ne.	9	83	26	James Hul.	Polk.
2953	nw of nw.	21	78	24	Jesse Williams.	Polk.
2955	nw of sw.	21	78	24	Isaac Tilly.	Van Buren.
2957	lot 2.	9	83	26	John Townsend.	Polk.
2958	1/2 of ne, ne of se.	1	77	23	John D. Parmlee.	Polk.
2959	e 1/2 of ne, and nw of se.	1	77	23	Warren.	
2960	sw of nw, ne of sw.	9	81	26	James W. Ince.	Dallas.
2965	lots 5 and 6.	29	81	26	Jeduthan Waldo.	Dallas.
2971	lot 5.	17	81	23	Russel Bowman.	Polk.
2972	sw of nw.	37	81	23	John Wear.	Polk.
2973	lot 5.	9	87	24	Samuel Gray.	Polk.
2986	ne of se.	15	87	43.75	John Wear.	Polk.
2988	nw of sw.	5	75	19	Lawson G. Terry.	Marion.
2985	nw of se, nw of sw	31	76	19	Jarius E. Neal.	Marion.
3000	sw of sw.	21	70	12	Samuel G. Sconce.	Davis.
3011	nw of ne.	7	74	15	Sarah Croson.	Mahaaska.
3013	nw of nw.	25	80	23	Alexander Fouts.	Polk.
3014	nw of nw.	19	81	35	John H. Moots.	Polk.
3016	se of se.	19	81	35	John G. Ferris.	Polk.
3017	s 1/2 of sw.	1	80	25	George Beebe.	Polk.
3022	se of se.	25	73	33	Albert W. Wasson.	Polk.
3028	sw of nw.	23	78	24	Felix G. Ferris.	Polk.
3028	sw of sw.	23	70	12	Jessie Williams.	Polk.
3032	lot 5.	11	81	31	Stephen Collins.	Davis.
3040	ne of sw.	20	80	25	John Spear.	Polk.
3041	ne of se.	11	80	25	Joseph Hiner.	Polk.
3047	ne of se.	15	76	18	Amanda Crauel.	Wapello.
3048	ne of se.	25	75	19	Art Moustau and Stepher Orert Wal.	Marion.
3050*	se of ne.	3	70	13	Peter Stroud.	Marion.
3053	se of ne.	23	80	25	James Clark.	Polk.
3056	nw of sw.	23	70	12	John McLean.	Polk.
3772	nw of ne.	35	77	23	Amos Shook.	Davis.
3074	ne of se.	3	75	19	Simon Elsworth.	Warren.
3075	ne of ne.	9	76	28	Christian Newendorp.	Marion.
3078	se of sw.	9	76	28	Milton Thompson.	Marion.
3081	n 1/2 of se.	11	75	17	Peter Butler.	Mahaaska.
3083	nw of sw.	23	73	18	Ruth Sector.	Wapello.
3086	sw of sw.	23	73	18	Jonathan Edwards.	Marion.
3087	ne of nw.	35	75	18	Jonathan Edwards.	Marion.
3088	ne of nw.	35	75	18	Daniel Newell.	Marion.
3089	se of se.	21	75	18	Daniel Newell.	Davis.
3091	n 1/2 of ne.	3	70	13	Thomas Duffield.	Marion.
3092	ne of ne.	9	78	21	William F. Jordap.	Marion.
3093	se of ne.	3	76	22	William F. Jordap.	Marion.
3096	sw of se.	3	76	19	Jarius E. Neal.	Warren.
3097	se of ne.	3	76	19	Jarius E. Neal.	Warren.
3104*	se of se.	25	78	24	Jarius E. Neal.	Marion.
3107†	se of ne.	9	75	18	Joseph M. Griffith.	Polk.
3109	n 1/2 of sw.	7	73	18	Joseph Waller.	Polk.
3111	sw of se.	21	78	33	Daniel Fisher.	Polk.
3112	se of sw.	17	78	33	John Tyler.	Polk.
3113	n 1/2 of sw.	17	78	33	Willis Tyler.	Polk.
3114	ne of se.	21	78	33	Elizabeth Leak.	Polk.
3115	nw of se.	15	76	19	John Tyler.	Polk.
	n 1/2 of sw.	9	78	33	Nicholas Morthon.	Marion.
					James M. Warren.	Polk.

* No. 3071 is sw of ne in sale book. No. 3104 is se of ne in sale book. No. 3097, sale book has township "75" instead of "76." No. 3050 is ne of nw in sale book.

DES MOINES RIVER LAND PATENTS—CONTINUED.

Number.	PARTS OF SECTIONS.	Section.			PATENTEE.	COUNTY.
		Town.	Range.	Acres.		
3121	e 1/2 of nw.	33	78	23	D. W. Johnson.	Polk.
3130	sw of se.	35	78	23	Ephraim Pierson.	Polk.
3131	sw of ne.	15	78	23	John Jones.	Polk.
3133	ne of se.	7	72	15	George O. Helen J. and John D. S. Montiett.	Wapello.
3184	ne of se.	5	70	13	John M. Hamblin.	Davis.
3185	sw of ne.	5	70	13	James Moore.	Davis.
3135	se of ne, ne of se.	27	80	28	Andrew Clarke.	Polk.
3141	sw of ne.	33	77	23	El Logan.	Marion.
3149	w 1/2 of nw.	31	78	20	Thompson Stollcup.	Jasper.
3149	ne of ne.	5	75	18	John R. Whaley.	Marion.
3153	w 1/2 of ne fr.	5	63	16	Jesse Ritchie.	Wapello.
3155	w 1/2 of nw.	35	78	21	William Boswell.	Jasper.
3165	se of ne.	17	65	10	Samuel D. Kingdom.	Van Buren.
3170	se of ne.	37	71	40	Issac Metcalf.	Marion.
3171	nw of sw.	26	77	21	William Beckwith.	Marion.
3174	sw of sw.	25	80	23	Alexander Fouts.	Polk.
3175	sw of nw.	33	77	23	John Samuel Busey.	Marion.
3194	ne of ne.	25	78	23	Joel Biggs.	Polk.
3203	se of ne.	21	78	23	Stephen Powers.	Polk.
3204	sw of nw.	33	77	23	Alexander Bark.	Warren.
3207	ne of se.	15	78	23	Riley Jones.	Polk.
3208	nw of nw.	11	71	14	Herman F. Graves.	Wapello.
3209	ne of sw.	31	73	40	James Morse.	Dallas.
3212	nw of aw, nw of ne.	11	77	23	John Harris.	Warren.
3214	nw of ne.	9	77	23	David F. Young.	Marion.
3215	nw fr of ne.	17	77	24	William Cates.	Warren.
3216	sw of ne.	7	77	23	Willis Cook.	Warren.
3217	ne of ne.	17	80	24	George W. Hall.	Polk.
3222	se of sw.	23	19	24	Benjamin F. Bowen.	Polk.
3229	sw of nw.	5	76	23	Christopher Fletcher.	Warren.
3237	se of ne.	33	73	23	Thomas Griffin.	Warren.
3238	nw of sw.	17	73	14	Joseph Hayne.	Wapello.
3239	sw of sw.	11	83	26	George Hall.	Boone.
3243	ne of ne.	25	78	34	Jesse Williams.	Polk.
3243	ne of nw.	23	78	23	Stephen Powers.	Polk.
3244	ne of ne.	3	75	19	William B. Young.	Marion.
3244	se of se.	23	77	23	William Pierson.	Polk.
3246	ne of nw.	17	77	23	George Myers.	Warren.
3248	sw of sw.	27	78	23	Annis Rice.	Polk.
3248	nw of sw.	25	81	28	John Bacy.	Dallas.
3253	sw of ne.	23	82	26	David Young.	Marion.
3255	se of se.	23	78	23	William Pope.	Polk.
3256	s 1/2 of se.	5	75	18	William Carter.	Davis.
3258	sw of nw.	5	75	18	Peter Ochs.	Polk.
3262	nw of sw.	21	78	23	Thomas J. Gooch.	Polk.
3267	sw of sw.	27	70	12	Elias Rawson.	Marion.
3268	sw of sw.	27	70	12	Amos Shook.	Davis.
3269	se of nw.	1	77	23	Willis Cook.	Warren.
3270	se of sw.	35	73	23	Lewis Good.	Marion.
3271	n 1/2 of nw.	1	77	23	Fredrick M. Stumbo.	Polk.
3280	sw of sw.	35	73	18	John W. McRidge.	Monroe.
3281	n 1/2 of se.	3	82	30	David McRidge.	Monroe.
3286	sw of nw.	23	76	19	Jarius E. Neal.	Marion.
3288	ne of se.	9	81	33	James W. Ince.	Dallas.
3289	n 1/2 of se.	3	81	33	Joseph Newell.	Davis.
3291	s 1/2 of nw.	7	77	19	Clatibourn Hall.	Marion.
3293	se of se.	31	78	22	John Ridgeway.	Polk.
3294	n 1/2 of ne.	35	77	21	Alfred Peardon.	Polk.
3297	sw of nw.	31	80	24	John Clary.	Polk.
3298	sw of sw.	17	70	12	John Hinning.	Davis.
3299	se of se.	31	78	19	Jarius E. Neal.	Marion.
3303	nw of nw.	11	75	19	Jacop Piper.	Marion.
3304	sw of nw.	35	71	13	Charles Harwood.	Wapello.
3305	lot 6.	33	78	30	William H. Hand.	Marion.
3306	ne of ne.	27	79	23	Lewis F. Randolph.	Polk.
3308	ne of se.	35	80	23	Doctor F. Hunt.	Polk.
3313	se of sw.	31	78	19	George W. Diamond.	Dallas.
3321	sw of ne.	5	77	20	Alfred Vertrees.	Marion.
3328	ne of se.	31	83	26	Henry Bean.	Boone.
3329	se of sw.	31	78	19	Philip Hal.	Polk.
3334	ne of se.	33	76	17	William Fleck.	Mahaaska.
3338	lot 7.	31	76	37.20	Ephraim Pierson.	Polk.
3338	nw of sw.	35	80	23	Alexander Fouts.	Polk.

DES MOINES RIVER LAND PATENTS—CONTINUED.

Number.	PARTS OF SECTION.				PATENTEE.	COUNTY.
	Section.	Town.	Range.	Acres.		
3341	sw of nw	17	70	12	Edward G. McKinney.	Davis.
3342	sw of se	27	73	16	William H. McBride.	Monroe.
3343	nw of nw	9	81	26	John Reynolds.	Dallas.
3344	lot 6.	30	80	25	John Nicholson.	Dallas.
3345	sw of nw	11	81	39	Thomas Hackett.	Dallas.
3347	nw of ne, ne of nw.	35	73	31	William W. Williams.	Jasper.
3348	sw fr of nw.	7	73	14	William Curry.	Wapello.
3349	nw fr of nw.	34	73	28	Smith B. Brown.	Wapello.
3353	sw of se.	31	71	10	William Carson.	Jefferson.
3354	e ½ of sw	31	79	23	Benjamin Coffean.	Polk.
3355	ne of nw.	11	77	23	William Heston.	Warren.
3356	sw of nw.	35	70	40	Garrall Weaver.	Marion.
3360	lot 3 and sw of se	3	81	96	Joseph Newland.	Dallas.
3363	ne of sw.	23	78	18	John Welch.	Marion.
3364	ne of nw.	19	78	17	John Walker.	Mahaska.
3366	se of se.	15	82	26	Carl Anderson and Christina M. Anderson.	Boone.
3367	sw ¼.	27	81	20	Edwin R. Clapp.	Jasper.
3368*	se of nw	23	76	23	Daniel Atkinson.	Warren.
3369	nw of nw.	35	79	16	Garrall Weaver.	Marion.
3375	nw of ne, ne of nw.	17	73	16	Isaac C. Gillet.	Monroe.
3382	lot 4.	19	78	23	Charles C. Evans.	Polk.
3389	sw of se.	5	75	17	Ruth Jane Cummins.	Mahaska.
3391	sw of nw.	11	75	19	Jacob Pifer.	Marion.
3392	ne of sw	15	76	19	Garrall Weaver.	Marion.
3393	lot 1.	22	74	28	Edison M. Ferguson.	Marion.
3398	nw of sw.	11	75	19	Ebenezer M. Funk.	Marion.
3398	sw of sw	11	81	26	John Spear.	Dallas.
3401	ne of se.	3	77	21	William Barbee.	Marion.
3402	nw of se.	9	71	14	Moses Sanders.	Wapello.
3403	lot 3.	25	81	26	Edward Thornley.	Dallas.
3405	nw of ne.	25	77	19	H. H. and W. H. DeHaan.	Marion.
3411	sw fr of nw and ne of nw.	7	73	15	Nelson Davis.	Wapello.
3413	nw of nw	17	83	26	Jacob Crooks.	Boone.
3417	se of sw.	33	70	11	William F. Grimsley.	Van Buren.
3430	w ½ of se	23	70	18	Herman Van Dam.	Marion.
3431	sw of se.	17	81	25	Benjamin Hunt.	Polk.
3435	w fr ¼ of sw.	7	80	32	John Ledwith.	Boone.
3457	nw of nw	11	82	26	wild.	Mahaska.
3459	nw of nw	23	78	18	Richard Green.	Boone.
3461	sw of nw.	21	72	14	Jacob De Haan.	Marion.
3432	nw of sw, sw of nw.	24	78	22	Anus E. Ross.	Wapello.
3433	ne of ne.	77	82	80	James B. Young.	Polk.
3437	sw of nw.	25	80	23	Joseph Pearce.	Polk.
3438	se of sw.	25	76	18	Alexander Fouts.	Polk.
3439*	sw of nw.	25	76	18	Duke G. Postma.	Marion.
3442	se of sw.	23	70	18	Joseph Evans.	Marion.
3443	se of sw.	23	80	25	Hiram Bonam.	Marion.
3448	ne of se.	23	80	25	Samuel Hunt.	Polk.
3451	ne of se.	17	75	18	John McMillan.	Polk.
3452	ne of sw	15	79	18	Jarius E. Neal.	Marion.
3453	se of sw.	35	78	24	Jarius E. Neal.	Marion.
3454	ne of ne.	7	76	18	Julian Ellis.	Polk.
3456	e ½ of sw.	25	81	25	Herman Daw.	Polk.
3458	sw of sw.	74	17		John M. Nishwonder.	Polk.
3460	nw of ne.	25	75	19	John Bailey.	Dallas.
3463	e ½ of ne	25	76	20	Jesse Sherwood.	Marion.
3469	ne of se.	23	80	25	James E. Neal.	Polk.
3470	e ½ of ne.	19	78	24	James E. Neal.	Polk.
3473	se of sw.	27	78	18	Francis C. Grimmel.	Polk.
3478	n ½ of nw.	27	78	18	William Scott.	Marion.
3479	sw of sw	23	79	23	Beason Fitch.	Polk.
3480	nw of se.	17	79	23	Jane Fritchard.	Polk.
3481	sw of se.	76	23		George Doran.	Polk.
3484	nw of nw	25	80	25	Jarius E. Neal.	Polk.
3491	se of se.	25	80	25	Alexander Fouts.	Polk.
3492	ne of se.	25	78	21	James Hunt.	Polk.
					George Brown.	Jasper.

*No. 3366, sale book, has township 77, instead of 76 which is correct.

*No. 3439, entry cancelled and money refunded to Joseph Bivins—a prior entry.

*No. 3469, prior sale to Jesse Williams. No. 3478, cancelled—prior sale.

DES MOINES RIVER LAND PATENTS—CONTINUED

Number.	PARTS OF SECTION.				PATENTEE.	COUNTY.
	Section.	Town.	Range.	Acres.		
3494	se of ne.	19	77	20	William P. Norris.	Marion.
3495	se of nw	33	78	28	James D. Norris.	Dallas.
3501	nw fr.	33	80	25	William F. Ayer.	Marion.
3504	se fr.	21	81	23	G. Kemper.	Polk.
3505	sw of se.	25	78	24	James Crabtree.	Polk.
3507	sw of sw.	25	78	24	John H. Poague.	Mahaska.
3513	w fr ¼ of sw.	13	78	32	John Frazer.	Polk.
3514	nw of nw.	13	78	32	James Stewart.	Polk.
3517	sw of nw.	33	73	23	Thomas Reed.	Warren.
3523	½ of nw.	29	72	14	William S. Ross.	Wapello.
3535	se of sw.	28	78	16	Alexander Smith.	Monroe.
3538	sw of nw.	25	78	23	Benbow M. Moss.	Monroe.
3537	n ½ of nw.	25	73	20	Nierod Caple.	Polk.
3538	se of sw	25	79	23	St. Simon Ruyda.	Marion.
3540	se of sw.	23	77	18	William H. Turton.	Marion.
3542	s ½ of ne.	23	77	15	Esra G. Doughman.	Polk.
3543	s ½ of sw.	13	78	24	William H. Leas.	Marion.
3550	lots 5 and 6.	11	75	24	Herman Van Dam.	Marion.
3551	s ½ of lot 5 and lot 4.	11	75	24	Herman Van Dam.	Marion.
3553	ne of sw.	7	76	18	Jan Walraven.	Marion.
3554	w fr ¼ of sw.	29	72	15	William H. Leas.	Wapello.
3557	nw of ne.	23	72	15	Thomas Sharp.	Mahaska.
3560	ne fr.	11	74	16	Alexander Casady.	Marion.
3561	w ½ of nw	35	75	19	Jarius E. Neal.	Polk.
3563	se of sw.	19	74	24	Phineas M. Casady.	Polk.
3564	w ½ of ne.	25	78	22	Eleanor Lynn.	Davis.
3566	sw of se.	19	70	12	Aaron Wilkinson.	Marion.
3568	sw of se.	19	76	21	William F. Pitman.	Van Buren.
3569	ne of sw, nw of se.	7	70	10	William Carson.	Wapello.
3570	se of ne.	12	72	15	Nathan Bowen.	Polk.
3572*	se of nw.	11	79	24	David Zimmerman.	Polk.
3574	w ½ of sw	13	78	24	John W. Cunningham.	Mahaska.
3579	se of nw, ne of sw	23	75	17	Nathan Andrews.	Marion.
3585	se of nw	21	77	20	Silas J. Hughes.	Marion.
3587	nw of nw	21	77	20	Francisco H. Hughes.	Jasper.
3588	sw of nw.	29	78	21	Iredell Cooper.	Polk.
3595	ne of sw	25	75	18	John McVay.	Marion.
3597	se of ne.	17	78	21	Tracy Gilpin.	Monroe.
3605	nw of se.	21	77	19	William E. Neal.	Monroe.
3606	sw of ne.	11	75	19	Jarius E. Neal.	Jasper.
3607	se of se.	13	75	19	Jarius E. Neal.	Monroe.
3608	nw of nw.	13	75	19	William Cruse.	Monroe.
3690	se of sw	21	80	23	Nathaniel J. Powell.	Polk.
3691	nw of sw	17	80	23	Nathaniel J. Powell.	Polk.
3692	se of nw.	17	80	24	Nathaniel J. Powell.	Polk.
3693	w ½ of se, e ½ of sw	27	80	24	Francis Chiles.	Polk.
3694	sw of ne.	35	78	23	William Park.	Polk.
3695	sw of se.	23	81	25	Samuel Fowler.	Polk.
3697	se ¼ of nw.	23	81	25	Samuel Fowler.	Polk.
3698	se of nw	23	81	25	Samuel Fowler.	Polk.
3699	ne of sw	17	77	22	Jarius E. Neal.	Marion.
3701	sw of sw	31	77	22	William Park.	Polk.
3703	se of nw	31	78	21	John B. Biggs.	Jasper.
3705	lot 2.	33	82	26	Nelson W. Nunnally.	Warren.
3706	lot 2.	33	82	26	John Blanche.	Boone.
3707	ne of sw.	1	72	16	Elizabeth Booth.	Monroe.
3708	ne of sw.	83	78	24	Stephen Selton.	Polk.
3709	se of se.	5	80	25	Alfred Bowman.	Polk.
3710	ne fr of sw.	83	78	24	Alfred Bowman.	Polk.
3712	lot 5 and sw of sw.	33	81	21	John Batins.	Jasper.
3713	w fr ¼ of sw.	7	76	19	William Stuey.	Marion.
3714	lot 4.	3	76	19	Sarah Wilson.	Marion.
3715	se of se.	3	75	19	Thomas McNullin.	Polk.
3717	se of sw.	5	79	24	Thomas McNullin.	Polk.
3718	nw of sw.	17	82	40	Robert N. Jones.	Boone.
3724	w ½ of se.	17	82	39	Daniel J. Skinner.	Dallas.
3726	lot 5.	15	89	26	John J. Skinner.	Dallas.
3727	lot 5.	15	89	26	Daniel J. Skinner.	Dallas.
3728	nw of se, se of nw.	5	81	26	Daniel J. Skinner.	Dallas.
3690	n fr ¼ of nw.	6	81	26	William J. Skinner.	Dallas.

*No. 3543 should be 25, 75, R. 13, as per sale book, which is correct.

*No. 3573. This purchase vacated by order of court. Tract resold and patented to Daniel Bowen. See 3360.

DES MOINES RIVER LAND PATENTS—CONTINUED.

Number	PARTS OF SECTION.	Section.	Town.	Range.	Acres.	PATENTEE.	COUNTY.
3692	ne of nw.	9	80	25	40	Abraham Elliott.....	Polk.
3701	ne of ne.	31	76	19	40	Zephyr Ball.....	Marion.
3703	se of se.	35	77	19	40	Richard D. Jones.....	Polk.
3706	ne of sw.	17	76	18	40	Edward O. Towne.....	Marion.
3708	sw ¼.	5	83	25	160	Jacob Gutschall.....	Boone.
3714	sw of se.	35	73	18	40	Jarius E. Neal.....	Boone.
3715	se of ne.	19	70	12	40	John Henning.....	Davis.
3720	w ½ of ne.	32	76	17	80	James S. Parson.....	Mahaska.
3721	ne of sw.	5	77	18	40	Eli White.....	Monroe.
3727	se of ne, nw of se	18	78	23	80	Andrew J. Stevens.....	Polk.
3729	nw of sw.	17	80	25	40	Nathaniel J. Powell.....	Polk.
3730	s ½ of ne, se of nw.	39	84	25	120	Nathanial J. Powell.....	Polk.
3731	ne of se.	19	77	18	40	Samuel Clutter.....	Marion.
3735	e fr ¼ of nw.	5	74	17	84.88	Mathew B. Wharton.....	Mahaska.
3738	ne of se.	5	76	21	40	William Brown.....	Marion.
3739	nw fr ¼.	19	77	18	149.45	John Shephard.....	Marion.
3739	ne ¼.	19	77	18	160	Henry Taggart.....	Marion.
3740	e ¼ of se.	23	77	19	80	John Henderson.....	Boone.
3753*	e ¼ of se, sw of ne.	29	84	26	120	Benton Post.....	Boone.
3756	se ¼.	29	84	26	160	Saban Latham.....	Boone.
3759	s ½ of ne, se of nw.	39	84	25	120	Henry Hoffman.....	Boone.
3763	sw of nw.	35	84	26	40	James R. Payne.....	Boone.
3768*	se of sw.	13	84	27	40	Elisba Speckelmirre.....	Boone.
3770	se of ne, se of se.	35	85	27	80	Erza Kaibbin.....	Boone.
3783	nw of ne.	17	87	26	40	Benjamin Bell.....	Hamilton.
3788	s ½ of nw.	11	87	27	80	Jesse Goodrich.....	Webster.
3790	w ½ of sw.	11	87	27	80	Daniel Galer.....	Marion.
3801	ne of nw.	31	77	19	40	Deans Payton.....	Marion.
3804	ne of sw.	15	78	21	40	Thomas Asher.....	Jasper.
3812	ne of se.	25	77	20	40	Dennis Allen.....	Marion.
3813	sw of ne.	19	77	20	40	Dennis Allen.....	Marion.
3815	sw of sw.	21	77	20	40	David Clark.....	Marion.
3817	se of se.	31	77	20	40	Samuel H. Caffey.....	Marion.
3818	se of sw.	5	76	21	40	Henry Hamilton.....	Marion.
3819	e ¼ of se.	1	79	24	40	James Halterman.....	Polk.
3821	ne of se.	5	83	26	40	Nelson J. Meeker.....	Boone.
3822	ne ¼, e ½ of nw.	31	81	25	240	Clement Murphy.....	Polk.
3823	se ¼ of se.	31	81	25	80	Clement Murphy.....	Polk.
3829	ne of se.	17	74	14	40	Phelex Berick.....	Wapello.
3830	se of ne.	5	70	13	40	Wm. H. Tall.....	Davis.
3836	nw of nw.	33	82	26	40	Alex P. Townsend.....	Boone.
3842	nw of nw.	37	82	26	40	Francis W. Allen.....	Webster.
3843	lots 2 and 3 of se.	37	82	26	117.15	Charles J. Anderson.....	Boone.
3845	e ¼ of ne.	35	80	24	80	Caleb Richison.....	Polk.
3847	w ¼ of ne.	35	80	24	80	Byron Rice.....	Polk.
3848	e ¼ of sw.	29	80	25	80	Byron Rice.....	Polk.
3849	sw of ne.	1	76	22	40	James Smith.....	Warren.
3851	nw of se.	37	80	25	40	John Linn.....	Polk.
3852	ne of ne.	37	80	25	40	Isaac Hastings.....	Polk.
3853	lots 5, 7, and nw of nw.	15	82	26	149.34	Landa Hurst.....	Boone.
3854	sw of se.	5	89	33	26	Robert Jones.....	Boone.
3856	e ¼ of ne.	23	70	17	80	James S. Parson.....	Boone.
3858	w ½ of se, ne of se.	1	81	23	120	Willibay Keith.....	Dallas.
3859	sw of ne.	27	74	17	80	John W. McKin.....	Boone.
3860	sw of se, se of sw.	27	70	11	80	William Akers.....	Va Buren.
3863	ne of ne.	7	74	17	40	Albert Starbuck.....	Mahaska.
3864	s ½ of ne.	27	74	17	80	Trisram Starbuck.....	Mahaska.
3869	nw of se.	27	73	16	40	Reuben W. Moss.....	Monroe.
3871	w ½ of sw.	18	76	21	80	James W. Gill.....	Marion.
3872	se of sw.	9	72	40	40	Jerry Young.....	Marion.
3874	se of se.	9	83	26	40	Sanford B. Williams.....	Boone.
3877	ne of se.	17	72	14	40	John Smith.....	Wapello.
3878	sw of ne, ne of se.	5	89	33	40	George W. Brown.....	Mahaska.
3879	ne of se.	19	85	25	40	Tyler Hibebe.....	Boone.
3883	se of sw.	21	84	26	40	John Bowser.....	Boone.
3886	ne ¼, Boone.	23	74	17	160	William Snyder.....	Boone.
3893	se of sw.	15	76	19	40	John J. Springer.....	Marion.
3894	nw of nw.	17	78	21	40	Eli Rivers.....	Jasper.
3896	ne of sw.	11	74	18	40	Miletus P. Clark.....	Marion.

* No. 3755 should be e ¼ of sw and sw of ne. No. 3769 should be section 15, instead of section 13. No. 3877 canceled—prior sale to Phelex Berick, October 1, 1853. See No. 3826.

DES MOINES RIVER LAND PATENTS—CONTINUED.

Number.	PARTS OF SECTIONS.	Section.	Town.	Range.	Acres.	PATENTEE.	COUNTY.
3901	s ½ of ne.	7	79	23	80	Foster Elliot.....	Polk.
3902	nw of nw.	39	80	25	80	Nathaniel J. Powell.....	Polk.
3903	nw of sw.	23	79	15	40	John J. Sponsler.....	Wapello.
3905	nw of sw.	11	81	26	40	William Wallace Waldo.....	Dallas.
3911	nw of ne.	83	85	25	40	Herman Van Arman.....	Boone.
3919	sw of nw.	83	85	25	40	Sarah Friedley.....	Boone.
3919	sw of ne.	11	74	19	40	Jackson Jones.....	Marion.
3924	sw of nw.	11	74	19	40	John W. Morris.....	Marion.
3924	se ¼.	17	75	18	40	Elias Ramey.....	Marion.
3925	sw of nw.	23	81	25	40	John Crabree.....	Marion.
3934	nw of se.	15	83	18	40	John Ferronence.....	Marion.
3941	nw of sw.	33	78	23	40	Thomas Mitchell.....	Polk.
3942	se of sw.	35	81	26	40	William Jacobs.....	Dallas.
3954	nw of ne.	35	81	26	40	William Frazier.....	Polk.
3956	ne ¼.	9	80	25	160	William Frazier.....	Polk.
3957	lot 8.	13	80	25	22	Jacob Crum.....	Polk.
3958	sw fr of nw.	13	80	24	42.96	John Crabree, Jr.....	Polk.
3969	sw of ne.	23	81	25	40	Dennis Allen.....	Marion.
3971	nw of ne.	19	77	20	40	Sarah M. Rockwell.....	Wapello.
3972	ne of se.	5	73	19	40	Jacob R. Shreve.....	Wapello.
3973	sw of ne.	21	72	17	40	John Newland.....	Dallas.
3974	ne of nw.	19	77	14	40	Jeduthan Waldo.....	Boone.
3975	nw of ne.	9	81	26	40	Elias Zimmer.....	Boone.
3986	e ½ of sw.	29	85	29	80	Milton Smith.....	Polk.
3987	nw of nw, nw of ne.	1	77	23	40	Robert Wallace.....	Warren.
3988	ne of sw.	1	77	23	40	David Lamb.....	Polk.
3989	nw fr of no.	13	84	27	61.73	James Corbin.....	Boone.
3994	lot 8.	13	84	27	26.51	Isaac Nutt.....	Boone.
3995	lot 8.	13	84	27	40	William C. Crooks.....	Boone.
3996	sw of nw.	13	84	27	87.34	Washington J. and Edward O. Nutt.....	Boone.
4001	lot 4 and nw fr of ne.	5	82	25	80	Henry B. Henderhous.....	Wapello.
4001	nw of nw.	29	72	14	40	James Gilded.....	Boone.
4003	nw of ne.	27	83	28	40	Thomas R. Barger.....	Webster.
4011	lot 4.	23	88	29	58.88	Charles W. Lamb.....	Jasper.
4015	nw of ne.	27	78	21	40	Charles W. Lamb.....	Jasper.
4018	nw of ne.	29	78	21	40	David Miller.....	Marion.
4018	lot 7.	9	82	29	50	William Cowman.....	Marion.
4020	nw of se.	13	72	14	40	Jacob R. Shresor.....	Wapello.
4029	se of se.	13	70	12	130	James Davis.....	Polk.
4030	e ½ of se, sw of se.	27	70	12	130	Jerome Eastgate.....	Polk.
4037	se of sw.	19	72	14	40	James Cottrell.....	Wapello.
4037	ne of sw.	23	81	26	40	William Jacobs.....	Polk.
4041	sw of ne.	79	86	29	40	Benjamin Bryan.....	Boone.
4032	nw of nw.	13	84	27	80	Isaac Nutt.....	Boone.
4034	s ½ of ne.	33	83	26	80	Redick Cartwright.....	Boone.
4040	s ½ of ne.	33	83	26	80	Redick Cartwright.....	Boone.
4041*	e ¼ of se, sw of se.	17	79	23	40	Seth Richards.....	Polk.
4042	nw of sw, ne of ne.	15	78	24	120	John D. Sanford.....	Boone.
4055	e ¼ of se, sw of se.	25	78	24	120	Seth Richards.....	Polk.
4057	e ¼ of sw.	5	79	23	33	Daniel Rittgers.....	Polk.
4069	lot 6.	9	75	18	40	Charles Cooper.....	Webster.
4074	nw of nw.	17	88	23	85.10	Seth Richards.....	Dallas.
4076	lots 3, 4, 5, 7.	23	81	26	40	Seth Richards.....	Dallas.
4077	se of ne.	27	81	26	40	Seth Richards.....	Dallas.
4078	ne of ne.	27	81	26	40	Seth Richards.....	Dallas.
4079	nw of ne.	35	78	21	40	William Farley.....	Jasper.
4082	se of sw.	13	78	25	40	Seth Richards.....	Polk.
4087	ne of se.	13	78	25	40	Henry Carr.....	Polk.
4088	n ½ of nw (29).	23	78	25	88.55	James D. Norris.....	Jasper.
4090	nw of nw.	27	81	25	40	William Henshaw.....	Polk.
4101	se of se.	29	78	14	21.34	Daniel Blair.....	Polk.
4102	lot 6.	11	80	23	21.34	Daniel Blair.....	Polk.
4103	se of sw.	17	81	25	40	Robert Logan.....	Polk.
4104	nw of nw.	17	71	13	40	John Saylor.....	Wapello.
4105	se of ne.	17	88	23	85.10	Cary W. Carson.....	Mahaska.
4106	s ½ of sw.	17	79	33	80	Seth Richards.....	Polk.
4109	lot 2.	5	76	19	20.95	Ednah S. Hutton.....	Boone.
4118	se of sw.	11	83	29	40	John B. Montgomery.....	Boone.
4119	lots 5 and 6.	23	84	27	85.80	John Pea.....	Boone.
4124	se of nw.	23	78	24	40	John D. Sanford.....	Boone.
4129	nw of ne.	11	82	26	40	John D. Sanford.....	Boone.

* No. 4041 should no doubt be for n ½ of nw and se of nw; the land described in patent was deeded to D. N. & R. R. Co.

DES MOINES RIVER LAND PATENTS—CONTINUED.

Number.	PARTS OF SECTION.	Section.	Town.	Range.	Acres.	PATENTEE.	COUNTY.
4131	w fr ½ of se (or lot 7 and sw of se).	23	84	27	79 58	John D. Sanford.	Boone.
4132	w ½ of sw.	21	84	26	80	John D. Sanford.	Boone.
4133	se of se.	19	85	26	40	John D. Sanford.	Boone.
4137	sw of sw.	3	71	14	40	Seth Richards.	Wapello.
4139	e ½ of se, nw of se.	35	76	17	129	Jesse Beals.	Mahaska.
4141	ne of sw.	25	78	16	40	Charles Anderson.	Monroe.
4150	sw of ne.	27	79	23	40	John Noble and W. A. Noble.	Polk.
4154	lot 3.	31	83	26	42 95	Thomas Edwards.	Boone.
4155	se of sw.	9	83	26	40	David A. Killion.	Boone.
4157*	nw of se.	17	76	20	40	Willis H. McQuary.	Marion.
4161	nw of sw.	32	79	19	40	John Ballington.	Boone.
4199	s fr ½ of nw.	31	84	26	76 51	Robert Meek.	Boone.
4202	nw fr ¼.	5	81	25	148 53	Augustus D. Walker.	Polk.
4209	s ½ of ne, ne of ne.	31	79	22	120	William Sweeney.	Polk.
4213	nw of sw.	9	81	25	40	Richard Pierce.	Polk.
4214	se of sw.	9	81	25	40	Seth Richards.	Polk.
4215	n ½ of nw.	21	75	18	80	Jairus E. Neal.	Marion.
4222	ne of sw.	5	77	23	40	Phineas M. Casady.	Warren.
4223	ne of nw.	23	81	25	40	Phineas M. Casady.	Polk.
4225	lot 6.	27	82	26	19 75	Phineas M. Casady.	Boone.
4228	nw of se.	3	76	20	40	George W. Holeman.	Marion.
4232	se of ne.	17	70	14	40	John Connor.	Davis.
4234	w ½ of se.	23	84	26	80	Robert A. Moon.	Boone.
4235	nw of se.	1	77	23	40	John D. Parmlee and John Watts.	Warren.
4241	nw of sw.	15	73	16	40	Reuben W. Moss.	Monroe.
4242	se of ne.	35	73	16	40	Reuben W. Moss.	Monroe.
4243	ne of sw.	5	77	21	40	William Fairly.	Marion.
4245	nw of ne.	27	80	25	40	Nathaniel J. Powell.	Polk.
4248	se of ne.	25	84	27	40	James M. Martin.	Boone.
4250	ne of ne.	35	83	26	40	William Dyer.	Boone.
4252	nw of sw.	29	77	19	40	Jairus E. Neal.	Marion.
4256	ne of nw.	29	70	12	40	Philip P. Dodson.	Davis.
4257	sa of ne.	35	77	19	40	Stephen A. Smith.	Marion.
4258†	se of ne.	15	76	18	40	Wilson Stanley.	Marion.
4263	ne of ne.	25	85	27	40	Joseph Richardson.	Boone.
4273	nw of sw.	9	78	22	40	Jefferson Robertson.	Polk.
4275	e ½ of nw.	25	77	19	80	Yelle Yelsma.	Marion.
4278	se of se.	21	77	23	40	Rolan Prentice.	Marion.
4279	sw of sw, sw of nw.	23	80	24	80	Seth Richards.	Polk.
4280	ne of ne.	27	80	24	40	Seth Richards.	Polk.
4287	sw of se.	19	71	11	40	Jacob W. Oreesse.	Jefferson.
4290	sw of ne.	3	74	24	40	Nathaniel J. Powell.	Warren.
4295	se of ne.	33	70	12	40	John Connor.	Davis.
4297	se of nw.	19	79	24	40	Seth Richards.	Polk.
4300	sw of ne, se of nw, ne of sw.	11	75	19	120	Absalom Black.	Marion.
4301	sw of se.	5	75	18	40	John Gamble.	Marion.
4303	n ½ of ne.	25	77	19	80	Syaerd A. Sipma.	Marion.
4305	nw of nw.	19	70	11	44 35	John Ram.	Van Buren.
4306‡	sw of sw.	21	79	24	40	Jesse Williams.	Polk.
4310	ne of nw.	19	70	11	40	Calvin P. Davis.	Van Buren.
4311	sw fr of sw.	7	90	28	40	Jesse Williams.	Webster.
4312	n ¾.	9	88	28	320	Jesse Williams.	Webster.
4317	nw fr of nw.	26	82	42	82	Robert Meek.	Boone.
4322	se ¼.	33	75	18	160	Aaron Van Benthusen.	Marion.
4328	ne of se.	11	75	19	40	Daniel Newman.	Marion.
4342	sw of se.	23	79	25	40	Robert L. Tedrick.	Polk.
4348	s ½ of se.	23	79	23	89	Reason Pritchard.	Polk.
4350	lot 8.	33	83	26	31 85	Joshua Bennett.	Boone.
4353	n ½ of se.	31	79	22	80	William Sweeney.	Polk.
4357	s ½ of sw, nw of sw.	21	71	13	120	John McCune.	Wapello.
4362	sw of ne.	35	85	27	40	David C. Hull.	Boone.
4364	s ½ of se, se of sw.	23	88	28	120	Seth Richards.	Webster.
4370	n ¼ of sw, se of sw.	33	78	24	120	John B. Hiskey.	Polk.
4372	se of nw.	35	87	26	40	Solomon Beighler.	Hamilton.
4375	se of ne.	35	85	27	40	Ison C. Hull.	Boone.

*No. 4157 is William H. McQuary in sale book.

†No. 4258, patent canceled and money refunded, prior sale to Isaac Overkamp. Money paid to J. P. Devin on Stanley's order.

‡No. 4300, patent canceled. Prior sale to Jesse S. Dicks; see No. 3908.

DES MOINES RIVER LAND PATENTS—CONTINUED.

Number.	PARTS OF SECTION.	Section.	Town.	Range.	Acres.	PATENTEE.	COUNTY.
4379	e ½ of se.	25	69	11	80	John Newhouse.	Van Buren.
4383	nw of nw.	29	78	23	40	Henry Manbeck.	Polk.
4385	nw of se.	23	74	17	40	William W. Waddie.	Mahaska.
4389	se of se.	7	77	22	40	Miles White.	Warren.
4390*	se of se.	15	88	28	40	David Fleming.	Webster.
4397	lot 7.	27	84	27	63	Norman C. Averlie.	Boone.
4399	se of sw.	7	70	12	40	Charles Howard, Sr.	Davis.
4410	nw ¼.	25	88	28	160	Thomas Weaver.	Webster.
4411	w ½ of sw.	23	79	25	40	Miles White.	Polk.

*No. 4396 is David Lenning in sale book.

SURVEYS.

All of the surveys of Iowa are governed by and are referable to the fifth principal meridian and a base line.

The fifth principal meridian commences at the mouth of the Arkansas river, and runs from thence due north. It first touches the state of Iowa in township 77, passing up through the eastern portion of the state, and terminating in township 91, north. The base line commences at the mouth of the St. Francis river, in the state of Arkansas, and runs from thence due west.

The surveys extend from range No. 1 to range No. 7, east of said meridian, and from range No. 1 to range No. 49 west of the same; and from township No. 67, north of base line to township No. 100, north of the base line, and on the north line of the state. The southern portion of Lee county extends southerly between the Des Moines and Mississippi rivers into township No. 65. A portion of township No. 67 is cut off by the southern boundary of the state; also a portion of township No. 100 by the northern boundary. The range lines extend north and south, and the township lines extend east and west across the state.

Conformable to the principal meridian and base line, we have established in Iowa, for the regulation of the public surveys, a base line and two correction lines.

The base line is the north line of township No. 67, extending westward from the Mississippi river to the line between ranges 33 and 34, and from said line to the Missouri river the base line is the north line of township No. 68. The two correction lines extend across the state east and west; the first correction line is the north line of township No. 78, and the second is the north line of township No. 88. These standard parallels (called correction lines) are established at stated intervals, to provide for or counteract the error that otherwise would result from the convergency of meridians, and also to arrest error arising from inaccuracies in measurements on meridian lines.

The section lines are surveyed from south to north on true meridians, and from east to west in order to throw the excesses or deficiencies in measurements on the north and west sides of the township, as required by law. Townships bear numbers in respect to the base line either north or south of it, and tiers of townships (called ranges) bear numbers in respect

to the meridian line, according to their relative position to it, either on the east or west. Townships are measured as nearly as practicable into squares of six miles, and these are subdivided into thirty-six sections, each being as nearly as may be, eighty chains, or one mile square. According to the official plats of government survey, the state of Iowa has an area of about 55,045 square miles, each square mile containing, as near as may be, 640 acres, making the state area in acres about 35,228,800.

In response to an increasing demand from county and local surveyors for information as to the proper methods of restoring lost or obliterated corners to their original position, etc., the commissioner of the general land office has prepared the following rules and instructions, which I have deemed of sufficient interest to be properly made a part hereof:

RESTORATION OF LOST OR OBLITERATED CORNERS.

DEPARTMENT OF THE INTERIOR,
GENERAL LAND OFFICE,
WASHINGTON, D. C., October 16, 1896.

The increasing number of letters from county and local surveyors received at this office making inquiry as to the proper method of restoring to their original position lost or obliterated corners marking the survey of the public lands of the United States, or such as have been wilfully or accidentally moved from their original position, have rendered the preparation of the following general rules necessary, particularly as in a very large number of cases the facts necessary to a thorough and intelligent understanding are omitted. Moreover, surveys having been made under the authority of different acts of congress, different results have been obtained and no special law has been enacted by that authority covering and regulating the subject of the above named inquiries. Hence, the general rule here given must be considered merely as an expression of the opinion of this office on this subject, based, however, upon the spirit of the several acts of congress authorizing the surveys, as construed by this office and by United States court decisions. When cases arise which are not covered by these rules and the advice of this office is desired, the letter of inquiry should always contain a description of the particular corner, with reference to the township, range and section of the public surveys, to enable this office to consult the record.

An *obliterated* corner is one where no visible evidence remains of the work of the original surveyor in establishing it. Its location may, however, have been preserved beyond all question by acts of land owners, and by the memory of those who knew and recollect the true situs of the original monument. In such cases it is not a lost corner.

A *lost* corner is one whose position cannot be determined, beyond reasonable doubt, either from original marks or reliable external evidence. Surveyors sometimes err in their decision whether a corner is to be treated as *lost* or only *obliterated*.

Surveyors who have been United States deputies should bear in mind that in their private capacity they must act under somewhat different rules of law from those governing original surveys and should carefully distinguish between the provisions of the statute which guide a government deputy and those which apply to retracement of lines once surveyed. The

failure to observe this distinction has been prolific of erroneous work and injustice to landlords.

To restore extinct boundaries of the public lands correctly, the surveyor must have some knowledge of the manner in which townships were subdivided by the several methods authorized by congress.

Without this knowledge he may be greatly embarrassed in the field, and is liable to make mistakes invalidating his work and leading eventually to serious litigation. It is believed that the following synopsis of the several acts of congress regulating the surveys of the public lands will be of service to county surveyors and others, and will help to explain many of the difficulties encountered by them in the settlement of such questions.

Compliance with the provisions of congressional legislation at different periods has resulted in *two* sets of corners being established on *township lines* at one time; at other times *three* sets of corners have been established on *range lines*, while the system now in operation makes but *one* set of corners on *township* boundaries, except on standard lines, *i. e.*, base and correction lines, and in some exceptional cases.

The following brief explanation of the modes which have been practiced will be of service to all who may be called upon to restore obliterated boundaries of the public land surveys:

Where two sets of corners were established on township boundaries, one set was planted at the time the exteriors were run, those on the north boundary belonging to the sections and quarter sections north of said line, and those on the west boundary belonging to the sections and quarter sections west of that line. The other set of corners was established when the township was subdivided. This method, as stated, resulted in the establishment of two sets of corners on all four sides of the townships. Where three sets of corners were established on the range lines, the subdivisional surveys were made in the above manner, except that the east and west section lines, instead of being closed upon the corners previously established on the east boundary of the township, were run due east from the last interior section corner, and new corners were erected at the points of intersection with the range line.

The method now in practice requires section lines to be initiated from the corners on the south boundary of the township, and to close on existing corners on the east, north and west boundaries of the township, except when the north boundary is a base line or standard parallel. But in some cases, for special reasons, an opposite course of procedure has been followed, and subdivisional work has been begun on the north boundary and has been extended southward and eastward or southward and westward.

In the more recent general instructions, greater care has been exercised to secure rectangular subdivisions by fixing a strict limitation that no new township exteriors or section lines shall form a true meridian or east and west line more than twenty-one minutes of arc; and that where a random line is found liable to correction beyond this limit, a true line on a cardinal course must be run, setting a closing corner on the line to which it closes.

This produces, in surveys closing to irregular old work, a great number of exteriors marked by a double set of corners. All retracing surveyors should proceed under these new conditions with full knowledge of the field notes and exceptional methods of subdivision.

SYNOPSIS OF ACTS OF CONGRESS.

The first enactment in regard to the surveying of the public lands was an ordinance passed by the congress of the confederation May 20, 1785, prescribing the mode for the survey of the "Western Territory," and which provided that said territory should be divided into "townships of six miles square, by lines running due north and south, and others crossing them at right angles" as near as might be.

It further provided that the first line running north and south should begin on the Ohio river, at a point due north from the western terminus of a line run as the south boundary of the state of Pennsylvania, and the first line running east and west should begin at the same point and extend through the whole territory. In these initial surveys only the exterior lines of the townships were surveyed, but the plats were marked with subdivisions into sections one mile square, numbered from 1 to 36, commencing with No. 1 in the southeast corner of the township, and running from south to north in each tier to No. 36 in the northwest corner of the township; mile corners were established on the township lines. The region embraced by the surveys under this law forms a part of the present state of Ohio, and is generally known as "the Seven Ranges."

The federal congress passed a law, approved May 18, 1796, in regard to surveying the public domain, which applied to "the territory northwest of the River Ohio, and above the mouth of the Kentucky river." Section 2 of said act provided for dividing such lands as had not been already surveyed or disposed of "by north and south lines run according to the true meridian, and by others crossing them at right angles, so as to form townships of six miles square," etc.

It also provided that "one-half of said townships, taking them alternately, should be subdivided into sections containing, as nearly as may be, 640 acres each, by running through the same each way parallel lines at the end of every two miles, and by marking a corner on each of said lines at the end of every mile." The act also provided that "the sections shall be numbered, respectively, beginning with the No. 1 in the northeast section, and proceeding west and east alternately through the township, with progressive numbers till the thirty-sixth be completed."

This method of numbering sections is still in use. An act amendatory of the foregoing, approved May 10, 1800, required the "townships west of the Muskingum, which are directed to be sold in quarter townships, to be subdivided into half sections of 320 acres each, as nearly as may be, by running parallel lines through the same from east to west, and from south to north, at the distance of one mile from each other, and marking corners at the distance of each half mile on the lines running from east to west, and at the distance of each mile on those running from south to north. And the interior lines of townships intersected by the Muskingum, and of all townships lying east of that river, which have not been heretofore actually subdivided into sections, shall also be run and marked. * * * And in all cases where the exterior lines of the town-

Ordinance of the congress of the confederation of May 20, 1785. United States Land Laws, p. 349; edition 1828.

Act of May 18, 1796. United States Statutes at Large, vol. 1, p. 465. Sec. 2395, United States Revised Statutes.

Act of May 10, 1800. United States Statutes at Large, vol. 2, p. 73. Sec. 2396, United States Revised Statutes.

ships thus to be subdivided into sections or half sections, shall exceed or shall not extend six miles, the excess or deficiency shall be specially noted and added to or deducted from the western or northern ranges of sections in such townships, according as the error may be in running the lines from east to west or from south to north." Said act also provided that the northern and western tiers of sections should be sold as containing only the quantity expressed on the plats, and all others as containing the complete legal quantity.

The act approved June 1, 1796, "regulating the grants of land appropriated for military services," etc., provided for dividing the United States "military tract," in the state of Ohio, into townships five miles square, each to be subdivided into quarter townships containing 4,000 acres. [Act of June 1, 1796, United States Statutes at Large, vol. 1, p. 490.] Section 6 of the act approved March 1, 1800, amendatory of the foregoing act, enacted that the secretary of the treasury was authorized to subdivide the quarter townships into lots of 100 acres, bounded as nearly as practicable by parallel lines 160 perches in length by 100 perches in width. These subdivisions into lots, however, were made upon the plats in the office of the secretary of the treasury, and the actual survey was only made at a subsequent time when a sufficient number of such lots had been located to warrant the survey. It thus happened, in some instances, that when the survey came to be made the plat and survey could not be made to agree, and that fractional lots on plats were entirely crowded out. [Act of March 1, 1800, United States Statutes at Large, vol. 2, p. 14.]

A knowledge of this fact may explain some of the difficulties met with in the district thus subdivided. The act of congress approved February 11, 1805, directs the subdivision of the public lands into quarter sections, and provides that all corners marked in the field shall be established as the proper corners of the sections or quarter sections which they were intended to designate, and that corners of half and quarter sections not marked shall be placed as nearly as possible "equidistant from those two corners which stand on the same line."

This act further provides that "the boundary lines actually run and marked" (in the field) "shall be established as the proper boundary lines of the sections or subdivisions for which they were intended, and the length of such lines as returned by either of the surveyors aforesaid shall be held and considered as the true length thereof. And the boundary lines which shall not have been actually run and marked as aforesaid shall be ascertained by running straight lines from the established corners to the opposite corresponding corners, but in those portions of the fractional townships where no such opposite or corresponding corners have been or can be fixed, the said boundary lines shall be ascertained by running from the established corners due north and south or east and west lines, as the case may be, to the water course, Indian boundary line, or other external boundary of such fractional township."

The act of congress approved April 24, 1820, provides for the sale of public lands in half-quarter sections, and requires that "in every case of the division of a quarter section the line for the division thereof shall run north and south," "and fractional sections, containing 160 acres and

Act of Feb. 11, 1805. United States Statutes at Large, vol. 2, p. 313. Sec. 2396, United States Revised Statutes.

upwards, shall in like manner, as nearly as practicable, be subdivided into half-quarter sections, under such rules and regulations as may be prescribed by the secretary of the treasury, but fractional sections containing less than 160 acres shall not be divided." [Act of April 24, 1820, United States Statutes at Large, vol. 3, p. 566. Sec. 2397, United States Revised Statutes.]

The act of congress approved May 24, 1824, provides "that whenever, in the opinion of the president of the United States, a departure from the ordinary mode of surveying land on any river, lake, bayou, or water course would promote the public interest, he may direct the surveyor-general in whose district such land is situated, and where the change is intended to be made, under such rules and regulations as the president may prescribe, to cause the lands thus situated to be surveyed in tracts of two acres in width, fronting on any river, bayou, lake or water course, and running back the depth of forty acres." [Act of May 24, 1824, United States Statutes at Large, vol. 4, p. 34.]

The act of congress approved April 5, 1832, directed the subdivision of the public lands into quarter sections; that in every case of the division of a half-quarter section the dividing line should run east and west, and that fractional sections should be subdivided, under rules and regulations prescribed by the secretary of the treasury. Under the latter provision the secretary directed that fractional sections containing less than 160 acres or the residuary portion of a fractional section, after the subdivision into as many quarter-quarter sections as it is susceptible of, may be subdivided into lots, each containing the quantity of a quarter-quarter section as nearly as practicable, by so laying down the line of subdivision that they shall be twenty chains wide, which distances are to be marked on the plat of subdivision, as are also the areas of the quarter-quarters and residuary fractions.

Act of April 5,
1832, United States
Statutes at Large,
vol. 4, p. 503. Sec.
2397, United States
Revised Statutes.

These two acts last mentioned provided that the corners and contents of half-quarter and quarter-quarter sections should be ascertained as nearly as possible in the manner and on the principles prescribed in the act of congress approved February 11, 1805.

GENERAL RULES.

From the foregoing synopsis of congressional legislation it is evident:

First.—That the boundaries of the public lands established and returned by the duly appointed government surveyors, when approved by the surveyors-general and accepted by the government, are *unchangeable*.

Second.—That the original township, section, and quarter section corners established by the government surveyors must stand as the true corners which they were intended to represent, whether the corners be in place or not.

Third.—That quarter-quarter corners not established by the government surveyors shall be placed on the straight lines joining the section and quarter section corners and midway between them, except on the last half mile of section lines closing on the north and west boundaries of the township, or on other lines between fractional sections.

Fourth.—That all subdivisional lines of a section running between corners established in the original survey of a township must be straight lines running from the proper corner in one section line to its opposite corresponding corner in the opposite section line.

Fifth.—That in a fractional section where no opposite corresponding corner has been or can be established, any required subdivision line of such section must be run from the proper original corner in the boundary line due east and west, or north and south, as the case may be, to the water course, Indian reservation, or other boundary of such section, with due parallelism to section lines.

From the foregoing it will be plain that extinct corners of the government surveys must be restored to their original locations, whenever it is possible to do so, and hence resort should always be first had to the marks of the survey in the field. The locus of the missing corner should be first identified on the ground by the aid of the mound, pits, line trees, bearing trees, etc., described in the field notes of the original survey. The identification of mounds, pits, witness trees or other permanent objects noted in the field notes of survey, affords the best means of relocating the missing corner in its original position. If this cannot be done, clear and convincing testimony of citizens as to the locality it originally occupied should be taken, if such can be obtained. In any event, whether the locus of the corner be fixed by the one means or the other, such locus should always be tested and confirmed by measurements to *known corners*. No definite rule can be laid down as to what shall be sufficient evidence in such cases, and much must be left to the skill, fidelity, and good judgment of the surveyor in the performance of his work.

EXCEPTIONAL CASES.

When new measurements are made on a single line to determine the position thereon for a restored lost corner (for example, a quarter section corner on line between two original section corners) or when new measurements are made between original corners on two lines for the purpose of fixing by their intersection the position of a restored missing corner (for example, a corner common to four sections or four townships), it will almost invariably happen that discrepancies will be developed between the new measurements and the original measurements in the field notes. When these differences occur the surveyor will in all cases establish the missing corner by proportionate measurements on lines conforming to the original field notes and by the method followed in the original survey.

From this rule there can be no departure, since it is the basis upon which the whole operation depends for accuracy and truth. In cases where the relocated corner can not be made to harmonize with the field notes in all directions, and unexplained error in the first survey is apparent, it sometimes becomes the task of the surveyor to place it according to the requirements of one line and against the calls of another line. For instance,

if the line between sections 30 and 31, reported seventy-eight chains long, would draw the missing corner on range line one chain eastward out of range with the other exterior corners, the presumption would be strong that the range line had been run straight and the length of the section line wrongly reported, because experience shows that west random lines are regarded as less important than range lines and more liable to error. Again, where a corner on a standard parallel has been obliterated, it is proper to assume that it was placed in line with other corners, and if an anomalous length of line reported between sections 3 and 4 would throw the closing corner into the northern township, a surveyor would properly assume that the older survey of the standard line is to control the length of the later and minor line. The marks or corners found on such a line closing to a standard parallel fix its location, but its length should be limited by its actual intersection, at which point the lost closing corner may be placed.

The strict rule of the law that "all corners marked in the field shall be established as the corners which they were intended to designate," and the further rule that "the length of lines returned by the surveyors shall be held and considered as the true length thereof," are found in some cases to be impossible of fulfillment in all directions at once, and a surveyor is obliged to choose, in his own discretion, which of two or more lines must yield, in order to permit the rules to be applied at all. In a case of an erroneous but existing closing corner, which was set some distance out of the true state boundary of Missouri and Kansas, it was held by this office that a surveyor subdividing the fractional section should preserve the boundary as a straight line, and should not regard said closing corner as the proper corner of the adjacent fractional lots. The said corner was considered as fixing the position of the line between two fractional sections, but that its length extended to a new corner to be set on the true boundary line. The surveyor should therefore preserve such an original corner as evidence of the line; but its erroneous position cannot be allowed to cause a crook between mile corners of the original state boundary. It is only in cases where it is manifestly impossible to carry out the literal terms of the law, that a surveyor can be justified in making such a decision.

The principle of the preponderance of one line over another of less importance has been recognized in the rule for restoring a section corner common to two townships in former editions of this circular. The new corner should be placed on the township line, and measurements to check its position by distances to corners within the townships are useful to confirm if found to agree well, but should not cause it to be placed off the line if found not to agree, if the general condition of the boundary supports the presumption that it was properly aligned.

TO RESTORE LOST OR OBLITERATED CORNERS.

1. *To restore corners on base lines and standard parallels.*—Lost or obliterated standard corners will be restored to their original positions on a base line, standard parallel, or correction line, by proportionate measurements on the line, conforming as nearly as practicable to the original field notes and joining the nearest identified original standard corners on opposite sides of the missing corner or corners, as the case may be.

(a) The term "standard corners" will be understood to designate standard township, section, quarter section, and meander corners; and, in addition, closing corners as follows: Closing corners used in the original survey to determine the position of a standard parallel, or established during the survey of the same, will, with the standard corners, govern the alignment and measurements made to restore lost or obliterated standard corners; but no other closing corners will control in any manner the restoration of standard corners on a base line or standard parallel.

(b) A lost or obliterated closing corner from which a standard parallel has been initiated or to which it has been directed will be re-established in its original place by proportionate measurement from the corners used in the original survey to determine its position. Measurements from corners on the opposite side of the parallel will not control in any manner the relocation of said corner.

(c) A missing closing corner originally established during the survey of a standard parallel as a corner from which to project surveys south will be restored to its original position by considering it a standard corner and treating it accordingly.

(d) Therefore, paying attention to the preceding explanations, we have for the restoration of one or several corners on a standard parallel, and for general application to all other surveyed lines, the following proportion:

As the original field-note distance between the selected known corners is to the new measure of said distance, so is the original field-note length of any part of the line to the required new measure thereof. The sum of the computed lengths of the several parts of a line must be equal to the new measure of the whole distance.

(e) As has been observed, existing original corners can not be disturbed; consequently discrepancies between the new and the original field-note measurements of the line joining the selected original corners will not in any manner affect measurements beyond said corners, but the differences will be disturbed proportionately to the several intervals embraced in the line in question.

(f) After having checked each new location by measurement to the nearest known corners, new corners will be established permanently and new bearings and measurements taken to prominent objects, which should be of as permanent a character as possible, and the same recorded for future reference.

2. *Restoration of township corners common to four townships.*—Two cases should be clearly recognized: 1. Where the position of the original township corner has been made to depend upon measurements on two lines at right angles to each other. 2. Where the original corner has been located by measurements on one line only; for example, on a guide meridian.

(a) For restoration of a township corner originally subject to the first condition: A line will first be run connecting the nearest identified original corners, on the meridional township lines, north and south of the missing corner, and a temporary corner will be placed at the proper proportionate distance. This will determine the corner in a north and south direction only. Next, the nearest original corners on the latitudinal township lines will be connected, and a point thereon will be determined in a similar manner, independent of the temporary corner on the meridional line. Then

through the first temporary corner run a line east (or west) and through the second temporary corner a line north (or south) as relative situations may suggest. The intersection of the two lines last run will define the position of the restored township corner, which may be permanently established.

(b) The restoration of a lost or obliterated township corner established under the second conditions, *i. e.*, by measurements, on a single line, will be effected by proportionate measurements on said line, between the nearest identified original corners on opposite sides of the missing township corner, as before described.

3. *Re-establishment of corners common to two townships*—The two nearest known corners on the township line, the same not being a base or a correction line, will be as in case No. 1, by a right line, and the missing corner established by proportionate distance as directed in that case; the location thus found will be checked upon by measurements to nearest known section or quarter section corners north and south, or east and west of the township line, as the case may be.

4. *Re-establishment of closing corners*.—Measure from the quarter-section, section, or township corner east or west, as the case may be, to the next preceding or succeeding corner in the order of original establishment, and re-establish the missing closing corner by proportionate measurement. The line upon which the closing corner was originally established should always be remeasured, in order to check upon the correctness of the new location. See pages 8, 12 and 13 for details.

5. *Re-establishment of interior section corners*.—This class of corners should be re-established in the same manner as corners common to four townships. In such cases, when a number of corners are missing on all sides of the one sought to be re-established, the entire distance must, of course, be remeasured between the nearest existing recognized corners both north and south, and east and west, in accordance with the rule laid down, and the new corner re-established by proportionate measurement. The mere measurement in any one of the required directions will not suffice, since the direction of the several section lines running northward through a township, or running east and west, are only in the most exceptional cases true prolongations of the alignment of the section lines initiated on the south boundary of the township; while the east and west lines running through the township, and theoretically supposed to be at right angles with the former, are seldom in that condition, and the alignments of the closing lines on the east and west boundaries of the township, in connection with the interior section lines, are even less often in accord. Moreover, the alignment of the section line itself from corner to corner, in point of fact, also very frequently diverges from a right line, although presumed to be such from the record contained in the field notes and so designated on the plats, and become either a broken or a curved line. This fact will be determined, in a timbered country, by the blazes which may be found upon trees on either side of the line, and although such blazed line will not strictly govern as to the absolute direction assumed by such line, it will assist very materially in determining its approximate direction, and should never be neglected in retracements for the re-establishment of lost corners of any description. Sight trees described in the field notes,

together with the recorded distance to same, when fully identified will, it has been held in one or more states, govern the line itself, even when not in a direct or straight line between established corners, which line is then necessarily a broken line by passing through said sight trees. Such trees, when in existence and properly identified beyond a question of doubt, will very materially assist in evidencing the correct relocation of a missing corner. It is greatly to be regretted that the earlier field notes of survey are so very meager in the notations of the topography found on the original line, which might in very many instances materially lessen a surveyor's labors in retracement of lines and re-establishment of the required missing corner. In the absence of such sight trees and other evidence regarding the line as in an open country, or where such evidence has been destroyed by time, the elements, or the progress of improvement, the line connecting the known corners should be run straight from corner to corner.

6. *Re-establishment of quarter-section corners or township boundaries*.—Only one set of quarter-section corners are actually marked in the field on township lines, and they are established at the time when the township exteriors are run. When double section corners are found, the quarter-section corners are considered generally as standing midway between the corners of their respective sections, and when required to be established or re-established, as the case may be, they should be generally so placed; but great care should be exercised not to mistake the corners belonging to one township for those of another. After determining the proper section corners, marking the line upon which the missing quarter-section corner is to be re-established, and measuring said line, the missing quarter-section corner will be re-established in accordance with the requirements of the original field notes of survey, by proportionate measurement between the section corners marking the line.

Where there are double sets of section corners on township and range lines, and the quarter-section corners for sections south of the township or east of the range lines, are required to be established in the field, the said quarter section corners should be so placed as to suit the calculation of areas of the quarter-sections adjoining the township boundaries as expressed upon the official township plat, adopting proportionate measurements when the present measurement of the north and west boundaries of the section differ from the original measurements.

7. *Re-establishment of quarter-section corners on closing section lines between fractional sections*.—This class of corners must be re-established according to the original measurement of forty chains from the last interior section corner. If the measurements do not agree with the original survey, the excess or deficiency must be divided proportionately between the two distances, as expressed in the field notes of original survey. The section corner started from and the corner closed upon should be connected by a right line, unless the retracement should develop the fact that the section line is either a broken or curved line, as is sometimes the case.

8. *Re-establishment of interior quarter-section corners*.—In some of the older surveys these corners are placed at variable distances, in which case the field notes of the original survey must be consulted, and the quarter-section corners re-established at proportionate distances between the corresponding section corner, in accordance therewith. The later surveys

being more uniform and in stricter accordance with law, the missing quarter-section corner must be re-established equidistant between the section corners making the line, according to the field notes of the original survey. The remarks made under section 5, in relation to section lines, apply with full force here also; the caution there given not to neglect sight trees is equally applicable, since the proper re-establishment of the quarter-section corner may in some instances very largely depend upon its observance, and avoid one of the many sources of litigation.

9. *Where double corners were originally established, one of which is standing, to re-establish the other.*—It being remembered that the corners established when the exterior township lines were run, belonging to the sections in the townships north and west of those lines, the surveyor must first determine beyond a doubt to which sections the existing corner belongs. This may be done by testing the courses and distances to witness trees or other objects noted in the original field notes of survey, and by measuring distances to known corners. Having determined to which township the existing corner belongs, the missing corner may be re-established in line north or south of the existing corner, as the case may be, at the distance stated in the field notes of the original survey, by proportionate measurements, and tested by retracement to the opposite corresponding corner of the section to which the missing section corner belongs. These double corners being generally not more than a few chains apart, the distance between them can be more accurately laid off, and it is considered preferable to first establish the missing corner as above, and check upon the corresponding interior corner, than to reverse the proceeding, since the result obtained is every way more accurate and satisfactory.

10. *Where double corners were originally established, and both are missing, to re-establish the one established when the township line was run.*—The surveyor will connect the nearest known corners on the township line by a right line, being careful to distinguish the section from the closing corners, and re-establish the missing corner at the point indicated by the field notes of the original survey by proportionate measurement. The corner thus restored will be common to two sections either north or west of the township boundary, and the section north or west, as the case may be, should be carefully retraced, thus checking upon the re-established corner, and testing the accuracy of the result. It cannot be too much impressed upon the surveyor that any measurements to objects on line noted in the original survey are means of determining and testing the correctness of the operation.

11. *Where double corners were originally established, and both are missing, to re-establish the one established when the township was subdivided.*—The corner to be re-established being common to two sections south or east of the township line, the section line closing on the missing section corner should be first retraced to an intersection with the township line in the manner previously indicated, and a temporary corner established at the point of intersection. The township line will of course have been previously carefully retraced in accordance with the requirements of the original field notes of survey, and marked in such a manner as to be readily identified when reaching the same with the retraced section line. The location of the temporary corner planted at the point of intersection will

then be carefully tested and verified by measurements to objects and known corners on the township line, as noted in the original field notes of survey, and the necessary corrections made in such relocation. A permanent corner will then be erected at the corrected location on the township line, properly marked and witnessed, and recorded for future requirements.

12. *Where triple corners were originally established on range lines, one or two of which have become obliterated, to re-establish either of them.*—It will be borne in mind that only two corners were established at actual corners of sections, those established on the range line not corresponding with the subdivisional survey east or west of said range line. The surveyor will, therefore, first proceed to identify the existing corner or corners as the case may be, and then re-establish the missing corner or corners in the line north or south, according to the distances stated in the original field notes of survey in the manner indicated for the re-establishment of double corners, testing the accuracy of the result obtained, as hereinbefore directed in other cases. If, however, the distances between the triple corners are not stated in the original field notes of survey, as is frequently the case in the returns of older surveys, the range line should be first carefully retraced, and marked in a manner sufficiently clear to admit of easy identification upon reaching same during the subsequent proceedings. The section lines closing upon the missing corners must then be retraced in accordance with the original field notes of survey, in the manner previously indicated, and the corners re-established in the manner directed in the case of double corners. The surveyor can not be too careful, in the matter of retracement, in following closely all the recorded indications of the original line, and nothing, however slight, should be neglected to insure the correctness of the retracement of the original line; since there is no other check upon the accuracy of the re-establishment of the missing corners, unless the entire corresponding section lines are remeasured by proportional measurement and the result checked by a recalculation of the areas as originally returned, which, at best, is but a very poor check, because the areas expressed upon the margin of many plats of the older surveys are erroneously stated on the face of the plats, or have been carelessly calculated.

13. *Where triple corners were originally established on range lines, all of which are missing, to re-establish same.*—These corners should be re-established in accordance with the foregoing directions, commencing with the corner originally established when the range line was run, establishing the same in accordance with previously given directions for restoring section and quarter-section corners; that is to say, by remeasuring between the nearest known corners on said township line, and re-establishing the same by proportionate measurement. The two remaining will then be re-established in conformity with the general rules for re-establishment of double corners.

14. *Re-establishment of meander corners.*—Before proceeding with the re-establishment of missing meander corners, the surveyor should have carefully reclaimed at least three of the section lines between known corners of the township within which the lost corner is to be relocated, in order to establish the proportionate measurement to be used. This requirement of preliminary remeasurement of section lines must in no case be omitted; since it gives the only data upon which the fractional section line can be

remeasured proportionately, the corner marking the terminus, or the meander corner, being missing, which it is intended to re-establish. The missing meander corner will be re-established on the section or township line retraced in its original location, by the proportionate measurement found by the preceding operations, from the nearest known corner on such township or section line, in accordance with the requirements of the original field notes of survey. Meander corners hold the peculiar position of denoting a point on line between land owners, without usually being the legal terminus or corner of the lands owned. Leading judicial decisions have affirmed that meander lines are not strictly boundaries, and do not limit the ownership to the exact areas placed on the tracts, but that said title extends to the water, which by the plat, appears to bound the land. As such water boundaries are, therefore, subject to change by the encroachment or recession of the stream or lake, the precise location of old meanders is seldom important, unless in states whose laws prescribe that dried lake beds are the property of the state.

Where the United States has disposed of the fractional lots adjacent to shores, it claims no marginal lands left by recession or found by reason of erroneous survey. The lines between land owners are therefore regarded as extended beyond the original meander line of the shore, but the preservation or relocation of the meander corner is important, as evidence of the position of the section line.

The different rules by which division lines should be run between private owners of riparian accretions are a matter of state legislation, and not subject to a general rule of this office.

15. *Fractional section lines.*—County and local surveyors being sometimes called upon to restore fractional section lines closing upon Indian, military or other reservations, private grants, etc., such lines should be restored upon the same principles as directed in the foregoing pages, and checked whenever possible upon such corners or monuments as have been placed to mark such boundary lines.

In some instances corners have been moved from their original position, either by accident or design, and county surveyors are called upon to restore such corners to their original positions, but, owing to the absence of any and all means of identification of such location, are unable to make the result of their work acceptable to the owners of the land affected by such corner. In such cases the advice of this office has invariably been to the effect that the relocation of such corner must be made in accordance with the orders of a court of competent jurisdiction, the United States having no longer any authority to order any changes where the lands affected by such corner have been disposed of.

RECORDS.

The original evidences of the public land surveys in the following states have been transferred, under the provisions of sections 2818, 2819, and 2820, United States Revised Statutes, to the state authorities, to whom application should be made for such copies of the original plats and field notes as may be desired, viz:

Alabama.—Secretary of state, Montgomery.

Arkansas.—Commissioner of state lands, Little Rock.

Illinois.—Auditor of state, Springfield.

Indiana.—Auditor of state, Indianapolis.

Iowa.—Secretary of state, Des Moines.

Kansas.—Auditor of state and register of state lands, Topeka.

Michigan.—Commissioner of state land office, Lansing.

Mississippi.—Commissioner of state lands, Jackson.

Missouri.—Secretary of state, Jefferson City.

Nebraska.—Commissioner of public lands and buildings, Lincoln.

Ohio.—Auditor of state, Columbus.

Wisconsin.—Commissioner of public lands, Madison.

In other public-land states the original field notes and plats are retained in the offices of the United States surveyors-general.

SUBDIVISION OF SECTIONS.

This office being in receipt of many letters making inquiry in regard to the proper method of subdividing sections of public lands, the following general rules have been prepared as a reply to such inquiries:

The rules for subdivision are based upon the laws governing the survey of the public lands. When cases arise which are not covered by these rules, and the advice of this office in the matter is desired, the letter of inquiry should, in every instance, contain a description of the particular tract or corner, with reference to township, range and section of the public surveys, to enable the office to consult the record, also a diagram showing conditions found.

1. *Subdivision of sections into quarter sections.*—Under the provisions of the act of congress approved February 11, 1805, the course to be pursued in the subdivision of sections into quarter sections is to run straight lines from the established quarter section corners, United States surveys, to the opposite corresponding corners. The point of intersection of the lines thus run will be the corner common to the several quarter sections, or in other words, the legal center of the section.

(a) Upon the lines closing on the north and west boundaries of a township, the quarter section corners are established by the United States deputy surveyors at 40 chains to the north or west of the last interior section corners, and the excess or deficiency in the measurement is thrown into the half mile next to the township or range line, as the case may be.

(b) Where there are double sets of section corners on township and range lines, the quarter corners for the sections south of the township lines and east of the range lines are not established in the field by the United States deputy surveyors, but in subdividing such sections said quarter corners should be so placed as to suit the calculations of the areas of the quarter sections adjoining the township boundaries as expressed upon the official plat, adopting proportionate measurements where the new measurements of the north or west boundaries of the section differ from the original measurements.

2. *Subdivision of fractional sections.*—Where opposite corresponding corners have not been or can not be fixed, the subdivision lines should be ascertained by running from the established corners due north, south, east, or west lines, as the case may be, to the water course, Indian boundary line, or other boundary of such fractional section.

(a) The law presumes the section lines surveyed and marked in the field by the United States deputy surveyors to be due north and south or

east and west lines, but in actual experience this is not always the case. Hence, in order to carry out the spirit of the law, it will be necessary in running the subdivisional lines through the fractional sections to adopt mean courses where the section lines are not due lines, or to run the subdivision line parallel to the east, south, west, or north boundary of the section, as conditions may require, where there is no opposite section line.

3. *Subdivision of quarter sections into quarter-quarters.*—Preliminary to the subdivision of quarter sections, the quarter-quarter corners will be established at points mid-way between the section and quarter section corners, and between quarter corners and the center of the section, except on the last half mile of the lines closing on the north or west boundaries of a township, where they should be placed at twenty chains, proportionate measurement, to the north or west of the quarter section corner.

(a) The quarter-quarter section corners having been established as directed above, the subdivision lines of the quarter section will be run straight between opposite corresponding quarter-quarter section corners on the quarter section boundaries. The intersection of the lines thus run will determine the place for the corner common to the four quarter-quarter sections.

4. *Subdivision of fractional quarter sections.*—The subdivision lines of fractional quarter sections will be run from properly established quarter-quarter section corners (paragraph 3) due north, south, east or west, to the lake, water course, or reservation which renders such tracts fractional, or parallel to the east, south, west, or north boundary of the quarter section as conditions may require. (See paragraph 2a.)

5. *Proportionate measurement.*—By "proportionate measurement," as used in this circular, is meant a measurement having the same ratio to that recorded in the original field notes as the *length of chain* used in the new measurement has to the *length of chain* used in the original survey, assuming that the original and new measurements have been correctly made. For example: The length of the line from the quarter section corner on the west side of section 2, township 24 north, range 14 east, Wisconsin, to the north line of the township, by the United States deputy surveyor's chain, was reported as 45.40 chains, and by the county surveyor's measure is reported 42.90 chains; then the distance which the quarter-quarter section corner should be located north of the quarter section corner would be determined as follows: As 45.40 chains, the government measure of the whole distance, is to 42.90 chains, the county surveyor's measure of the same distance, so is 20 chains, original measurement, to 18.90 chains by the county surveyor's measure, showing that by proportionate measurement in this case the quarter-quarter section corner should be set at 18.90 chains north of the quarter section corner, instead of 20 chains north of such corner, as represented on the official plat. In this manner the discrepancies between original and new measurements are equitably distributed.

S. W. LAMOREAUX,
Commissioner.

Approved:
DAVID R. FRANCIS,
Secretary Department of the Interior.
October 16, 1896.

THE MEANDERED LAKES.

The question of ownership and proper method of disposition of the beds and reclaimed margins of meandered lakes, sloughs, and ponds being frequently brought to the attention of the department of the interior, and the pre-existing regulations not seeming to be fully applicable to that class of lands, the commissioner of the general land office found it necessary to establish general and uniform rules for the disposition of such lands.

On July 13, 1874, the regulations embodied in the following circular were promulgated:

"As inquiries arise in regard to the survey of the beds of meandered lakes or other similar bodies of water in districts where the office of surveyor general has been discontinued, the following is communicated as defining the conditions under which such lake beds are regarded as surveyable, and as giving the proper mode of proceeding to have the same surveyed and to obtain title thereto:

"The beds of lakes (not navigable), sloughs, and ponds over which the lines of the public surveys were not extended at the date of the original survey, but which, from the presence of water at the date of such survey, were meandered, are held to be the property of the United States; and whenever, by evaporation or the operation of any other cause, natural or artificial, the waters of such lake, slough or pond have so permanently receded or dried up as to leave within the unsurveyed area dry land fit, in ordinary seasons, for agricultural purposes, such dry land is subject to survey and sale under the general laws regulating the disposal of the public domain. Such surveys will be ordered and, upon approval, disposition proceeded with in the following cases:

"1. Where the waters have so far permanently receded or disappeared as to permit, during the ordinary surveying season (not on the ice), the actual extension of the lines of survey, and the establishment and marking of corners in the manner required by law, over the whole area of the bed of such former lake.

"2. Where the waters have not generally disappeared, but where they have so far permanently receded as to leave a margin of dry land fit for cultivation between the original meandered lines and the remaining waters of sufficient area to admit of the survey and of the establishment of at least three of the corners of a quarter section.

"3. The commissioner of the general land office will consider the question of ordering a survey of margins not admitting the laying off of 160 acres, but not less than forty acres. * * * To correct what seems to be a very general misapprehension as to the manner in which persons may proceed to perfect title who have made actual settlement on lands of the character herein designated, and who claim or propose to claim under the pre-emption laws of the United States, it is remarked that in no event and

at no stage of the proceedings can their declaratory statements be received or filed in this office. Such declaratory statements must be filed in the local land office, and cannot be there received until after such survey has been made and the approved plat thereof filed in the local office. * * *

"Respectfully,

"S. S. BURDETT,
"Commissioner."

After issuing the foregoing circular, the commissioner said:

"An examination of the laws now in force, embracing the subject of the survey of the public lands, discloses the fact that the authority for conducting the operations embraced by the circular quoted is very meagre, and that in fact such authority rests more on official practice than on specific enactment. The whole subject is worthy the attention of congress, and, indeed, both public and private interests require its early settlement.

* * * I am of the opinion that, in view of all the circumstances, these lands might well be transferred to the states where situated, under such conditions as would protect any rights legally initiated under the homestead and pre-emption laws and secure their early reclamation."

In his annual report for the fiscal year ending June 30, 1877, the commissioner of the general land office, referring to the circular issued July 13, 1874, prescribing regulations for the survey of beds of lakes (not navigable), sloughs, and ponds, over which the lines of the public survey were not extended at the date of the original survey, said:

"These regulations were similar in their requirements to those for the survey of the islands. Such islands and lake beds, sloughs, ponds, or bayous were held to be public lands, the property of the United States. I found surveys which had been made under these instructions pending before the department when I assumed my present official position, and have permitted them to be treated, as was contemplated by the instructions, as a matter of good faith to parties interested; but after a careful consideration the conclusion is reached that not only is there no specific enactment which authorizes this action as set forth in the instructions above referred to, but there is grave doubt whether the United States has any claim to such islands or dried up lake beds, and whether they do not come under the sovereignty of the states respectively within the limits of which they are situated, and it was therefore determined that such surveys should not further be authorized. Aside from this question of title there are many other important considerations connected with this subject. It is impossible, from anything in the possession of this office, to arrive at anything like a correct computation of the number of these islands and surveyable lake beds; but there is sufficient to warrant the statement that the number is quite large and constantly increasing. They are often found in localities which, from nearness to growing cities or villages, or from being within thickly and long settled neighborhoods, gave them a high value, and they became, as this office has had experience, objects of contention and strife, and affect the interests of whole communities.

"The labor that will be imposed upon this office if the past system should be continued, would be very great, and I therefore am of the opinion that let the title rest where it may, congress should pass an act transferring any title the United States may possess to the respective states, when such

lands can become subject to the operation of state laws. The whole subject is worthy the attention of congress, and indeed both public and private interests require its early attention."

The supreme court of the United States, in the case of *Hardin v. Jordan and Mitchell v. Smale* (U. S. Reports, v. 140, pp. 371, 406), held that "by the common law, under a grant of lands bounded on a lake or pond which is not tide-water and is not navigable, the grantee takes to the center of the lake or pond, ratably with other riparian proprietors if there be such." Also that, "grants by the United States of its public lands bounded on streams or other waters, made without reservation or restriction, are to be construed as to their effect according to the laws of the state in which the lands lie;" and that "it depends upon the laws of each state to what extent the prerogative of the state to lands under water shall extend."

The secretary of the interior, in the case of *John P. Hoel* (13 L. D., 588), referring to the United States supreme court decisions of *Hardin v. Jordan and Mitchell v. Smale* held that "an application for the survey of land covered by a non-navigable lake must be denied, where it appears that said lake has been meandered and the adjacent land disposed of by the government, as the land covered by such lake belongs to the adjoining proprietors and not to the United States."

In the case of *G. W. Holland* (7 L. D., 20), the secretary of the interior said: "Since 1877 it has been the policy of the department to refuse to survey the beds of meandered lakes, for the reasons set forth in the report of the commissioner of the general land office for 1877, and I see nothing in this application to warrant a change of that rule."

In the case of the application for survey of lands within meander lines of a lake (*F. M. Pugh*, 14 L. D., 274), the secretary held that "the government has no jurisdiction to order a survey of lands lying within the meander line of a non-navigable lake, where the lands adjacent thereto have been patented or applications filed therefor."

It is also held that the title of the riparian owners upon a natural lake or pond, not navigable, does not extend beyond the natural shore. (92 Iowa, 566.)

In the case of *Edward C. Hill* (17 L. D., 568), it was held that "an application for the survey of a small tract of land lying between the meander line of a lake and the water's edge, will not be granted, where the original survey has stood for a number of years, even though the meandered boundary of the lake may not exactly indicate the true water line."

It is a well settled rule of law that when a plat is referred to in a deed as a part of the description of the land conveyed, such plat becomes an essential part of the description; and that sources, distances, quantities and measurements are controlled by natural or fixed land-marks. (37 Wis., 662.)

Conceding that fraud or gross mistake in the original survey will warrant the extension of the surveys over a meandered tract (shallow lake), where the adjacent land has been disposed of, such action should not be taken, after the lapse of time, in the absence of proof of the most positive character. (15 L. D., 433.)

Without citing the decisions more fully, in support of the departmental rulings, of non-interference with the meandered lakes, and of the title

thereto, I here submit the opinion of the attorney-general of Iowa, holding that the meandered lakes belong to the state from and after the formation of the state government by virtue of its rights as sovereign.

OPINION OF ATTORNEY-GENERAL.

IOWA CITY, Iowa, June 22, 1895.

Hon. Frank D. Jackson, Governor of Iowa:

DEAR SIR—Your favor of the 19th inst. at hand in regard to a petition of citizens of Greene county in which you are asked to request the commissioner of the land office of the United States that he certify to the state of Iowa the swamp lands therein described, which application is based upon the provisions of the swamp land grant of September 28, 1850, it being also stated in your communication that "In the surveys made by the federal government the tracts in question were set apart and designated as meandered lakes, and that since such survey said tract has been recognized as a meandered lake and is so marked in the federal maps and charts of the state." The affidavits of a number of citizens who live adjacent accompany the petition, in which it appears that, except in the wettest of seasons, the bed of the tract is covered with a vegetable mould and sandy black loam and muck to an average depth of about three feet. The affiants further testify that for a great many years there has been but very little water covering said bed except in the spring, when it is filled by melted snow and occasionally by heavy rains. They also state: "Search has been made for natural springs, but they have failed to find any." You ask my opinion as to the advisability of complying with the request of the petitioners, and also that I convey to you my opinion as to the position to be maintained by the state in the event that said property is certified to as state land by the commissioner of the general land office.

The question presented is of great interest to the state, involving as it does the right to the lake beds of the natural lakes of Iowa. To properly present my views it is necessary to recall the history of legislation by which the United States became entitled to the public land.

Originally the federal government had no public land of any character. During the revolutionary war some of the states refused to ratify the articles of confederation proposed by congress until provisions were made for the cession of unoccupied land to the federal government. The Maryland legislature, by resolution adopted September 5, 1778, declared that it would not accede to the confederation unless there was "secured to the United States a right in common in and to all lands lying to the westward of the frontiers," and "extending to the Mississippi river or the south sea, in such manner that said lands be sold out or otherwise disposed of for the common benefit of all the states, and that the money arising from the sale of these lands be deemed and taken as a part of the money belonging to the United States," etc. The characters given to the colonies, in many instances, made the western boundary very indefinite. The Virginia charter contained a grant of land, "from sea to sea, west and northwest." Under this, the colony of Virginia claimed all the territory lying northwest of the Ohio river, certainly, and had an indefinite claim to that extending beyond, even to the Pacific ocean. In September, 1780, congress, considering the remonstrances of Maryland and an act of the legislature of New York on the same subject, passed a resolution, "earnestly recommending to the several states who have claims to western country, to pass such laws and to give their delegates in congress such power as may effectually remove the only obstacle to a final ratification of the articles of confederation."

On January 22, 1781, the general assembly of Virginia resolved "that upon the ratification of the articles of the federal union, this commonwealth will yield to the congress of the United States, for the benefit of the said states, the right, title and claim that the said commonwealth hath to the lands northwest of the Ohio river, upon the following conditions:" One condition was that new states should be formed and that states so formed should be distinctly republican states, and be admitted to the federal union, *having the same rights of sovereignty, freedom and independence as the other states.* Another condition was that all lands within the territory conveyed, "shall be considered as a common fund for the benefit of the United American States * * * according to their respective proportions in the general charge and expenditure, and shall be faithfully and *bona fide* disposed of for that purpose and for no other use or purpose whatsoever." (Hening's Statutes at Large, Virginia, volume 10, page 564.) These conditions were expressly approved by resolution of congress, September 13, 1783.

In December, 1783, an act was passed by the general assembly of Virginia, authorizing the delegates in congress to execute a deed of conveyance to the United States of the territory upon the terms and conditions expressed in the resolutions above referred to. (Hening's Statutes at Large, volume 11, page 328.)

In March, 1784, Thomas Jefferson, S. Hardy, Arthur Lee and James Monroe, the delegates of Virginia in congress, executed the deed of cession, and it refers to and makes a part of such deed the acts of the general assembly of Virginia referred to, and granted the territory "to and for the use and purposes and on the conditions of the said recited acts." The state of Georgia, on substantially the same conditions, ceded lands to the government of the United States, likewise New York. The treaty by which Louisiana was purchased from the French republic has been construed to embrace substantially the same provisions.

This leads to an examination of what rights the federal government acquired in and to the land thus ceded. The federal government was given municipal jurisdiction until new states should be formed, which should be sovereign states. It also held the title to the lands which should be sold and disposed of for the benefit of the United States. The federal government became thereby the trustee of municipal jurisdiction, also the owners of the land in trust. When a new state was formed and admitted to the Union, the trust imposed by the deeds of cession in regard to the municipal jurisdiction, was fully executed, and new states became vested with all the rights and authority of sovereignty. When what was recognized as lands, *i. e.*, as distinguished from bodies of water or rivers, which in all time has been considered as public property, were sold and disposed of, and the proceeds turned into the treasury of the United States, that trust was likewise executed.

In *Pollard's Lessee v. Hagen*, 3 Howard, 219, the supreme court of the United States announced the views herein expressed and decided that the United States holds public lands within the new states, "by force of the deed of cession and the statutes connected with them, not by any municipal sovereignty which it may be supposed they possessed."

The state as a sovereign, is the owner of the shores of navigable waters below high-water mark, and the soil under them. The conclusion of the supreme court in the case referred to is, that "the shores of navigable waters, and the soil under them, were not granted by the constitution of the United States, but were reserved to the states respectively." It also held: "The new states have the same rights, sovereignty, and jurisdiction over this subject as the original states."

In *Martin v. Waddell*, 16 Peter., it was said, "When the revolution took place, the people of each state became themselves sovereign and in that character hold the right to all their navigable waters and the soil under them for their common use, subject only to the rights since surrendered by the constitution."

I might say that the subject of litigation in the Pollard case was reclaimed land in Mobile bay, one party claiming under the grant from the state, and the adverse party claiming under a grant from the government of the United States. The title granted by the state was upheld.

Our own supreme court has held the state has complete and absolute property from high-water mark to the middle channel of the Mississippi river, and holds it for public uses, subject to the power of congress to regulate commerce among the several states and with foreign nations.

McManus v. Carmichael, 3 Iowa, 1.

Haight v. City of Keokuk, 4 Iowa, 199.

These decisions have been followed by a number of cases since. The decisions of the Iowa court are expressly approved by the supreme court of the United States in *Barney v. Keokuk*, 94 U. S., 324.

It is also held that inland waters, *i. e.*, waters lying wholly within the state, which have no connection with navigable waters leading to other states, are wholly within the control of the government of this state. *Veazie et al. v. Moor*, 14 Howard, 568.

When the government of the United States surveys the land and its agents or surveyors meander the lakes and return the plats which are approved by the proper department of government, and disposes of all the land with reference to the plats, its interest in the land or soil ends. The lands are sold with reference to the lakes. The purchasers, as part of the people in the state, acquire a right to use the lake in common with other people of the sovereign state. When the lands are thus disposed of, the trust imposed in the United States is fully executed. The government retains no

property or interest in the waters of the state, except such as may be public highways for interstate commerce. No municipal sovereignty being retained by the United States, the soil under the bed of the lake up to high-water mark becomes the property of the state as the sovereign for the use of the public. When, under the change of circumstances, a lake becomes dry, I can conceive of no principle by which the state would lose its right and title to the lake, and the property therein revert to the United States. In no instance that I have been able to discover has such a claim been made by the general government.

In the case of *Hardin v. Jordan*, 140 U. S. Rep., 371, decided by the supreme court of the United States in May, 1891, this subject was again reviewed, and the principles herein expressed are reaffirmed by the highest court. It is said by the court, "Such title being in the state, the lands are subject to state regulation and control, but on the condition, however, of not interfering with the regulations which may be made by congress with regard to public navigation and commerce. The state may even dispose of the usufruct of such lands, as is frequently done by leasing oyster beds in them and granting fisheries in particular localities, also the reclamation of submerged flats and the erection of wharves, etc. Sometimes large areas so reclaimed are occupied by cities and are put to other public and private uses, such control and ownership therein being supreme."

In this case, the court recognizing the authority of the state and over its right, in the soil under the rivers, determines the right of individual claims according to the laws of the state. It also holds that a grant of land extends only to high-water mark, and any right of riparian owners below high-water mark depends upon the laws of the state. That being a case from Illinois, the right of a riparian owner was determined by the law recognized by the supreme court of Illinois, which differs from the supreme court of Iowa. *Noyes v. Collins*, 61 N. W. Rep., 250.

The question of the ownership of the state in land formed after the survey and sale of government land is not wholly a new one in Iowa. In 1882 the legislature authorized the sale of an island newly found in the Mississippi river near the Iowa shore. (Chapter 148, acts of the Nineteenth General Assembly.) What difference is there in principle between land formed by the action of the water forming an island and land formed by the subsidence of the water?

My conclusion from the cases referred to, and many others, is that the title to the land below high water mark of the lakes of Iowa is in the state.

The question arises whether this title passed under the swamp land act referred to. I think not. The lakes which were meandered and platted as lakes were not treated as land to be sold or disposed of, but were recognized as lakes. After the formation of the state government, the title to the lakes and the soil under them and shores to high-water mark was vested in the state. The land which passes under the grant, which is called the swamp land act, is such as was the recognized as swamp land. Land that was not swamp land at the time of the grant would not pass with the grant. To so pass, the land must be within what is termed the "call of the deed" or act. The fact that land which was dry land at the time of the act afterward became swampy would not bring it within the purview of the grant; so if what was recognized as water or lakes afterward became dry land, that fact would not make it pass with the grant. To illustrate, it would hardly be claimed that the land occupied by Spirit lake the largest of our lakes, is swamp land. If fifty years from now, by a subsidence of the water it should become swampy, that fact would not make it pass by an act of congress enacted one hundred years before the subsidence of the water. The grant is one *in presenti*, passing title to the lands therein described from its date. *Wright v. Roseberry*, 121 U. S. Rep., 488.

Hence I cannot agree with the idea that the lakes of Iowa pass to the state by virtue of the swamp land act, but am well satisfied they belong to the state from and after the formation of the state government by virtue of its rights as sovereign. There may be instances of lakes platted along the rivers which were practically overflow land, and there may be exceptions to the rule, but I think that the rule is as above stated.

This being the case, I am of the opinion that it would not be advisable for the governor to comply with the request of the petitioners of Greene county. If the position stated is correct, it would not be his duty to do any act tending to disparage the title of property belonging to this state, and any act which he might, unless it is under authority of the statute, would be null and of no effect. So would any patent issued by the commissioner of the general land office of the United States.

Replying to the latter part of your communication, I would say that in my judgment, the policy of the state should be to maintain all the lakes of Iowa in their original extent and beauty, as far as it is possible to do so. To convert the many beautiful lakes of Iowa into fields for cultivation, appears to me to be utilitarianism run mad. The state has more than a poetic interest in such lakes. From the report of the secretary of state, land office department, 1893, it appears that there were approximately 61,248 acres of land covered by lakes in Iowa as shown by the plats. Frequent inquiries come to my office as to how a title can be procured to one or more of these lakes or lake beds. Some even have inquired as to the means of acquiring title to part of the Des Moines river bed. If, by any means, the lakes of Iowa can be preserved, it should by all means be done. Private interest will, undoubtedly, in many cases, seek to drain them, and I understand that some few have already been drained. I cannot think this is good policy, or for the best interest of the state. If the duty of protecting the lakes against spoliation, building dams when needed to retain the water, and their general oversight were committed to some officer of the state, or commissioner, much might be done to preserve these sheets of water of Iowa in their pristine beauty. The matter is, in my opinion, of sufficient public interest to have the attention of the legislature called to it.

If, by reason of circumstances, it is impossible to preserve a lake, the legislature should make such provision for the disposal of the lake bed as its wisdom would determine to be for the public interest. Yours respectfully,

MILTON REMLEY,
Attorney-General.

In the supreme court of Iowa, a decision was filed May 26, 1899, in the case appealed from the district court of Humboldt county, involving the question of title to the bed of a meandered, non-navigable lake, known as "Owl Lake."

The following is a copy of said decision:

IN THE SUPREME COURT OF IOWA.

FILED MAY 26, 1899.

Edwin O. Rood and Chas. W. Rood, appellees, v. Geo. A. Wallace, Emily J. Wallace, Geo. S. Wallace and Mrs. Geo. S. Wallace, appellants; State of Iowa, intervenor, appellant.
Geo. R. Pearsons, appellee, v. A. F. Johnson and Mrs. A. F. Johnson, appellees; State of Iowa, intervenor.
Geo. R. Pearsons, appellee, v. Geo. A. Wallace and Emily J. Wallace, appellees; State of Iowa, intervenor, appellant.
Edwin O. Rood and Chas. W. Rood, appellees, v. B. D. Barrett and Malinda Barrett, appellees; State of Iowa, intervenor, appellant.
Edwin O. Rood and Chas. W. Rood, appellees, v. James O'Connell and Mrs. James O'Connell, appellees; State of Iowa, intervenor, appellant.

APPEAL FROM HUMBOLDT COUNTY DISTRICT COURT.

(Hon. Lot Thomas, judge.)

These are controversies over about 800 acres of land lying in Humboldt county, Iowa, which was meandered by the original government surveyors and designated on the plat as "Owl Lake." Plaintiffs claim title under act of congress of September 28, 1850, commonly known as the "Swamp Land Grant." Defendants claim that the lands were unsurveyed lands, belonging to the national government and subject to entry under the homestead and pre-emption laws, and that they entered upon and are in posses-

sion of the property for the purpose of making such entry. The state of Iowa intervened in each suit and claims that it owns the land in virtue of its right of sovereignty over and title to the beds of all lakes meandered by the general government. The trial court quieted the title in plaintiffs, and the state appeals.

Milton Remley, attorney-general, and W. L. Smith, for appellant.

R. M. Wright, Botsford, Healy & Healy, and M. D. O'Connell, for plaintiffs and appellees.

W. W. White, J. E. Mershon, and Prouty, Coyle & Prouty, for defendants and appellees.

DEEMER, J.—The township in which the land in controversy is situated was surveyed and platted by the general government in the fall of the year 1851. What was denominated upon the plat as "Owl Lake" was meandered and the land adjacent thereto was subdivided into regular and irregular tracts. Some of these lots were designated as swamp lands, and all of the tracts surveyed were sold to various parties many years before this litigation began. At some places this lake had well defined banks and shore lines, and at other places it had no banks but diverges into a slough of low wet lands. It had some clear water but as a general rule was filled with rank weeds, water lilies and rushes. In the year 1884 plaintiff dug a ditch which drained off much of the water, and in 1894 this ditch was deepened and widened with the result that the land is now almost wholly fit for cultivation. In January of the year 1879 the county conveyed all of its remaining swamp lands to the Ft. Dodge & Ft. Ridgley Railroad company. In 1895 plaintiffs, having previously obtained a title or claim of title to the land through certain mesne conveyances from Humboldt county, and having drained the same, applied to the then governor to request the land commissioner of the United States land office to issue a patent for the land in controversy to the state under the act of congress hitherto mentioned. The request was made and granted and a patent was issued to the state. The governor thereupon issued a patent to the county under date of April 30, 1895. Humboldt county was not organized until January 15, 1857. The character of the so-called lake is a matter of much dispute. Some of the witnesses describe it as a shallow lake, while others say that it was marsh or swamp land.

The state makes the following contentions regarding the ownership of the land:

First.—That the lake beds of all meandered lakes and streams in the state belong to the state of Iowa in trust for the public, by virtue of its sovereignty, and this right does not depend upon an act of congress or grant from the United States.

Second.—That the survey of the public lands of the United States, the approval of such survey by the land commissioner of the United States, or the secretary of the interior, and a sale of the lands under such survey, fixes the status of the meandered lakes and streams, except in cases of palpable mistakes or fraud, beyond recall by any subsequent act of the land department.

Third.—That the land commissioner of the United States government had no authority, by act of congress or under the constitution, to patent to

the state of Iowa any lake beds which had been meandered and were already the property of the state.

Fourth.—That the governor of the state of Iowa was unauthorized by any law to request the land commissioner of the United States to issue a patent for the land in controversy; and hence the two patents, first from the United States to the state of Iowa, and from the state of Iowa to Humboldt county, were wholly void.

We are quite ready to assume as a general proposition that the title to all the lake beds in the state, especially those of navigable lakes, is in the state, and that the general government never had any control or ownership thereof. Indeed, this seems to be the almost unbroken voice of authority:

Pollard Lessices v. Hagen et al., 3 How., 212.

Withers v. Buckley, 20 How., 92.

Shively v. Bowlby, 152 U. S., 1.

Mann v. Land Co, 153 U. S., 273.

Knight v. Land Assn., 142 U. S., 161.

Ills. Central Ry. Co. v. Ills., 146 U. S., 387.

Gunter v. Glary, 1 Cal., 463.

Hinnan v. Warren, 6 Ore., 408.

Hight v. Keokuk, 4 Ia., 199.

Harden v. Jordan, 140 U. S., 371.

Veazie v. Moor, 14 How., 568.

Noyes v. Collins, 92 Ia., 566.

Lamprey v. Metcalf, 53 N. W. Rep., 1139.

But when, how, and by whom is the question of whether the land is a lake bed to be determined? The attorney-general contends that this is done at the time the original survey is made by the approval of the survey and the sale of the lands with reference thereto. At the time the original survey was made the following was one of the rules promulgated for instruction of surveyors: "You are also to meander, in manner aforesaid, all lakes and deep ponds of the area of 25 acres and upwards, also navigable bayous. Shallow ponds readily drained or likely to dry up are not to be mentioned." Lester Land Laws and Regulations, Ed. of 1860, p. 714. And while the instructions require a plat of the township to be made designating swamp lands, streams, etc., and that the plats of the township be approved by the surveyor general, the commissioner of the land office, and in case of controversy, by the secretary of the interior, yet prior to April 17, 1879, it was not the practice of the land department to require any specific approval by the commissioner of either the surveys or the plats. *Tobbs v. Wilcott*, 138 U. S., 142. Moreover the requirement as to the approval was simply a rule of the department which might be waived. It did not have statutory sanction.

But suppose that the surveyor general and the land commissioner did approve the plat of the original survey, is this conclusive upon the parties? That question seems to be answered by our own cases. See

Grant v. Hemphill, 92 Ia., 218.

Bigelow v. Hunter, 85 Ia., 161.

Glenn v. Jaffrey, 75 Ia., 20.

In these cases the original survey was not given the force of an adjudication, but the fact as to the character of the land was determined by evidence alone.

The attorney-general frankly concedes that the general government may have a resurvey in case of fraud, palpable mistake or for some other causes, but he contends no such resurvey can be made after the first survey has been approved and lots sold with reference thereto.

No doubt this is a general rule, but who may complain of this resurvey? Surely not the state, for if the general government has power to order a resurvey because of mistake, it also has power to determine whether there has been a mistake. Purchasers of lots abutting on the meandered line or otherwise directly interested, are, it seems to us, the only persons who may object to the resurvey. And no resurvey will be permitted which will in any manner prejudice their interests. They, as we have seen, are not made parties to this suit and are making no objection to plaintiff's title. The case of *Moore v. Robbins*, 96 U. S., 530, and other like cases relied on by appellant relate to the power of the general government over lands to which it has issued a patent, and it is there held that the functions of the executive department cease when the title has passed from the general government. As to the power and right of the secretary of the interior to set aside a survey, or to order unsurveyed lands surveyed, see

Knight v. U. S. Land Assn., 142 U. S., 161.

Cragen v. Powell, 128 U. S., 691.

Grand Rapids R. R. v. Butler, 159 U. S., 84.

In the first case it is said:

"It is a well settled rule of law that the power to make and correct surveys of the public lands belongs exclusively to the political department of the government, and that the action of that department, within the scope of its authority, is unassailable in the courts except by a direct proceeding. *Cragin v. Powell*, 128 U. S., 691, 699 and cases cited. Under this rule it must be held that the action of the land department in determining that the Von Leicht survey correctly delineated the boundaries of the Pueblo grant, as established by the confirmatory decree, is binding in this court, if the department has jurisdiction and power to order that survey. It is claimed, however, and the referee so determined, that no such power or authority existed in the department because it had been exhausted by the action of the commissioner of the general land office in approving and confirming the Stratton survey in 1878. This contention is based upon the proposition that the secretary of the interior had no authority to set aside the order of the commissioner approving and confirming the Stratton survey, especially in view of the fact that no appeal was taken from such order and the authorities of the city acquiesced in that survey. This proposition is unsound.

"We conclude on this branch of the case that the secretary of the interior had ample power to set aside the Stratton survey and order a new survey by Von Leicht; and that his action in such matter is unassailable in the courts in a collateral proceeding. The Von Leicht survey, therefore, must be held as a correct survey of the Pueblo claim as confirmed by the circuit court. Moreover, the method of running the shore line of the bay of San Francisco, adopted by the Von Leicht survey, was approved by the circuit court itself in *Tripp v. Spring*, 5 Sawyer, 209; and on this point we entertain no doubt."

There seems to be no doubt that the secretary of the interior had the right, in so far as the parties to this suit are concerned, to redetermine the question as to whether or not the land in question was a part of the lake bed or was covered by the so-called swamp land act. And this brings us to the next question: What force is to be given the determination of the land commissioner that the land was in fact swamp land, and what effect is to be given the patent issue to the state? That question seems to be answered by *Rogers Locomotive Company v. Emigrant Company*, 164 U. S., 559. In that case it held that a decision of the secretary of the interior to the effect that certain lands did not pass as swamps under the act of 1850, and the acceptance and transfer of them by the state was conclusive upon one who claimed title under the swamp land act.

Again, in *Frence v. Fyan*, 93 U. S., 169, that court said: "That by the second section of the swamp land act the power and duty devolved upon the secretary of the interior, as the head of the department which administered the affairs of public lands, of determining what lands were of the description granted by that act, and made his office the tribunal whose decision on that subject was to be controlling." See, also, as sustaining the same conclusion: "*Chandler v. Mining Co.*, 13 Sup. Ct. R., 798; *McCormack v. Hays*, 159 U. S., 332. In *Steele v. Smelting Co.*, 106 U. S., 447, we find this language:

"That department, as we have repeatedly said, was established to supervise the various proceedings whereby a conveyance of title from the United States to portions of the public domain is obtained, and to see that the requirements of the different acts of congress are fully complied with. Necessarily, therefore, it must consider and pass upon the qualifications of the applicant, and the acts he is to perform to secure title, the nature of the land, and whether it is of the class open to sale. Its judgment upon these matters is that of a special tribunal, and is unassailable except by direct proceedings for its annulment or limitation."

As the land department determined the lands in controversy to be swamp and issued its patent to the state accordingly, that determination is conclusive and the patent can not be collaterally attacked.

Steele v. Smelting Co., supra.

Wright v. Roseberry, 121 U. S., 488.

Minter v. Cromelling, 18 How., 87.

The state further claims that plaintiffs have not made out their claim of title in this,—that they have not shown that the conveyance from the county to the Ft. Dodge R. R. Co. was ratified by the vote of the people. It may be that the evidence on this point is insufficient; but the record does show that plaintiffs are in possession of the land under claim of title. The state intervened and asked relief against them. As they are in possession, and were at the time this suit was commenced, the intervenor must recover on the strength of its own title and not on the weakness of its adversaries. If the state has no title its petition of intervention should be dismissed without regard to the title under which the plaintiffs claim. Their possession is a sufficient defense to the petition of intervention, for the state can not rely upon title in a third person to defeat plaintiffs' recovery.

Lastly, it is said that the governor of the state had no authority to request the land commissioner to issue a patent for the land in controversy, and that the patents to the state, and from the state to the county, are void. His authority in the premises is conferred by act of the general assembly, passed January 25, 1855, which reads as follows: "The governor is hereby authorized to adopt such measures as to him may seem expedient to provide for the selection of the swamp lands of this state, and to secure to the state the title to the same, and also for the selection, in the name of the state, of other lands in lieu of such swamp lands as may have been or may hereafter be entered with warrants."

See Acts 5th G. A., Chap. 138, section 3.

Whenever question arose as to the character of land such as that in dispute, it was certainly competent for the governor to submit the matter to the only authority that had original jurisdiction in the matter. And, having so submitted it, that decision is final.

If there was no real dispute as to the character of the land; if, for instance, the property was a part of the bed of any of the navigable rivers of this state, or if it was property which was clearly lake bottom, it may be that the governor would not be justified in submitting the matter as to its character to the land department. And if he did so, and the land department found that the land was swamp when surveyed, such conclusion would be null and of no effect. But when there is a fair dispute as to the character of the land when originally surveyed, surely the land department has the right to determine the disputes, and as a general rule its decision is binding until set aside by direct attack.

The whole case, in our judgment, turns upon the effect to be given the original survey. If that is conclusive it amounts to a segregation of the lake and river beds from the public domain, and as a general rule confirms the title thereto in the state.

If the survey is not conclusive but is simply administrative or advisory, then the land department has the right at some future day to determine its character and cause a patent to issue accordingly. And when this is done the finding is not subject to collateral attack.

As has been said, we do not regard the original survey conclusive. There may be a resurvey or an independent investigation as to the character of the land, and, as a special tribunal is provided for that investigation, its determination is ordinarily conclusive.

It follows from what has been said that the decree of the district court is correct, and it is

AFFIRMED.

MEANDERED LAKES.

The following statement of the meandered lakes of Iowa has been prepared from the original plats of government survey, and published in connection herewith, in order that the information concerning the subject may be as full and complete as possible. The names of the counties in which the meandered lakes are situated, the number of township and range, with a careful estimate of acreage covered by each, are given; also the length of shore line as shown by the meander notes of government survey.

There are a few meandered lagoons and bayous along the Mississippi and Missouri rivers, the location and area of which I have not given. About 61,000 acres of land were covered by lakes in Iowa, as shown by the plats of survey. A total of 2,474.55 acres of lake bed has been conveyed as swamp land, under the act of September 28, 1850.

LAKE.	LOCALITY OF LAKE.			Estimated area in acres.	ESTIMATED SHORE LINE.		
	Town.	Range.	COUNTY.		Miles.	Chains.	Links.
*Goose lake, in secs. 28, 29, 32 and 33	N. 83 N.	E. 5 W.	Clinton.....	301.55	2	65	48
Muscatine slough, in secs. 7, 17, 18, 20, 21, 32 and 29	74	2	Louisa.....	570	19	31	40
Wapello lake.....	75	2-3	Louisa.....	152	3	15	11½
Green bayou, in secs. 26, 27, 28, 29, 31, 32 and 33	68	3	Lee.....	271	8	48	37
Keokuk lake, in secs. 13, 22, 23, 24, 26 and 27.....	76	3	Muscatine.....	454	5	26	33
Lake in secs. 1 and 2.....	96	3	Allamakee.....	163.86	2	50	68
Lake in secs. 16, 30 and 21.....	88	4	Delaware.....	44.25	1	53	37
Two lakes in secs. 13, 24 and 25.....	100	4	Allamakee.....	300	3	33	.....
Swan lake.....	80-81	7	Johnson.....	45	1	10	55
Lake in secs. 4, 5, 8, 9, 16 and 17.....	99	3	Allamakee.....	679	6	16	89
Lake in secs. 30 and 31.....	81	7	Johnson.....	62.73	2	6	.....
Clear lake.....	96	22	Cerro Gordo.....	3,643.37	13	35	43
Lake Kice.....	99	22-23	Winneshago.....	600	7	56	73
Silver lake, in sec. 14 and 15.....	100	22	Worth.....	318	3	8	95
Bright's lake, in secs. 7, 8 and 17.....	100	22	Worth.....	155	2	18	50
Iowa lake, in secs. 14, 15, 23, 24, 25 and 26.....	98	23	Hamilton.....	886.84	6	34	13
Wall lake, in secs. 8, 10, 15 and 16.....	86	24	Hamilton.....	304.66	2	67	.....
Lake in sec. 27.....	87	24	Hamilton.....	142	2	1	55
*Cairo lake.....	87	24-25	Hamilton.....	1,382	8	53	43
Walled lake, in secs. 2, 3, 10, 11, 14, 15 and 23.....	92	24	Wright.....	986.85	6	73	91
Cornelia lake, in secs. 9 and 16.....	92	24	Wright.....	332.42	7	71	97
Ellin lake, in secs. 21, 22, 27 and 28.....	92	24	Wright.....	450.83	1	67	82
Twin lake, in secs. 23 and 29.....	94	24	Hancock.....	193	3	4	20
Lake in secs. 19, 20, 29 and 30.....	94	24	Hancock.....	106	.....	.....	.....
Lake.....	96	24-25	Hancock.....	915	5	22	84
Lake.....	96	24-25	Hancock.....	71.80	1	27	40
Duck lake, in secs. 20 and 21.....	96	25	Hancock.....	69	1	7	47
Lake in sec. 9, sec. 24.....	97	25	Hancock.....	252.68	1	63	13
Lake in secs. 9, 10, 15 and 16.....	97	25	Humboldt.....	1,745.20	9	22	15
‡Impassable marsh.....	91-92	27	Humboldt.....	.....	.....	.....	.....

* Goose lake, in Clinton county, was drained, surveyed, and approved as swamp land, and patented to the county as swamp land, October 7, 1856.

† Cairo lake, in Hamilton county, has been drained, surveyed, and approved, and patented to the state as swamp land, and was patented by the state to Hamilton county, December 14, 1855.

‡ The "Impassable marsh," in Humboldt county, has been surveyed and approved, and patented to the state as swamp land, and patented by the state to Humboldt county.

MEANDERED LAKES—CONTINUED.

LAKE.	LOCALITY OF LAKE.			Estimated area in acres.	ESTI-MATED SHORE LINE.		
	Town.	Range.	COUNTY.		Miles.	Chains.	Links.
8 Owl lake, in secs. 21, 22, 27, and 28.	92	27	Humboldt....	772.14	4	65	...
Lake	90-91	29	Webster and Humboldt...	211	3	40	...
Bass lake.....	91	29-30	Humboldt....	208	2	60	87
Bancroft lake, in secs. 10, 14, and 15	100	29	Kossuth....	125	3	60	79
Lake	84	30-31	Greene.....	715	3	88	73
Lake in sec. 17	100	30	Kossuth....	76.43	2	35	...
Lake in sec. 28	100	30	Kossuth....	147.40	2	40	...
Lake in secs. 9 and 10.....	100	30	Kossuth....	46	2	75	...
Lizard lake, in secs. 22 and 27.....	91	31	Pocahontas....	252.38	2	75	75
Iowa lake, in secs. 11, 12 and 14.....	100	31	Emmet.....	285	3	42	75
Walled lake.....	88-89	32-33	Calhoun....	571	6	32	51
Lake (medium).....	96-97	32-33	Palo Alto....	980	12	57	21
Swan lake (7 or 8 miles long).....	99	32-33	Emmet.....	2300	22	30	70
Lake Okamanpadu, in secs. 10, 11, 12	100	32	Emmet.....	945	3	58	...
Tremont lake.....	100	32-33	Emmet.....	147	2	16	86
Lake in sec 10.....	86	33	Calhoun....	160.84	2	3	79
Lake in secs. 1, 2, 11 and 12.....	88	33	Calhoun....	490	4	41	59
High lake, in secs. 11, 12 and 13.....	98	33	Emmet.....	461	3	43	...
Lake in secs. 14, 15 and 23.....	98	33	Emmet.....	337	4	70	29
Swan lake, in secs. 27, 28, 33 and 34.....	99	33	Emmet.....	442.23	5	40	...
Lake in secs. 16 and 17.....	100	33	Emmet.....	177.20	2	68	...
Tow Head lake, in secs. 23 and 24.....	89	34	Calhoun....	195.05	2	16	6
Clear lake.....	91-92	34	Pocahontas....	170	3	2	62
Two lakes in secs. 9, 15, 16 and 17.....	93	34	Pocahontas....	616	7	15	23
Rush lake, in secs. 20 and 21.....	94	34	Palo Alto....	501.15	4	1	20
Silver lake, in secs. 18, 19, 21, 28, 29.....	95	34	Palo Alto....	656	5	71	23
Lake in secs. 29 and 30.....	96	34	Palo Alto....	192.57	7	29	35
Lake in secs. 16, 17, 19, 20 and 21.....	98	34	Palo Alto....	458.42	7	29	35
Lost Island and Pelican lakes.....	96-97	35-36	Palo Alto and Clay	3425	28	3	15
Trumbull lake.....	96-97	35	Clay.....	1773	3	27	23
Twelve Mile lake, in secs. 20, 21, 29.	98	34	Emmet.....	300.95	4	74	16
Cheever lake, in secs 20, 21 and 29.....	99	34	Emmet.....	316.43	1	69	32
Lake	99	34-35	Dickinson....	219	2	48	31
Lard lake, in secs. 4, 5, 8 and 9.....	89	35	Sac.....	246.19	1	26	5
Rush lake, in secs. 8 and 17.....	89	35	Sac.....	63.60	2	13	60
Lake	93-94	35	Buena Vista and Clay	172.97	2	22	72
Lake in secs. 25 and 26.....	94	35	Clay.....	235.23	1	40	95
Lake	95-96	35	Clay.....	306	4	32	97
Lake in secs. 8, 9, 16, 17 and 20.....	97	35	Clay.....	219	1	63	...
Lake in secs. 7 and 18.....	99	35	Dickinson....	127	2	7	75
Lake	99	35-36	Dickinson....	110	4	38	73
Lake in secs. 22, 23, 26 and 27.....	100	35	Dickinson....	375.15	9	30	30
Wall lake.....	86-87	36	Sac.....	907	13	73	86
Spirit lake.....	100	36	Dickinson....	5600	38	38	7
Okoboji, east.....	90-100	36	Dickinson....	1842	3	32	84
Okoboji, west.....	99	36-37	Dickinson....	3993	3	7	85
Gar lakes, in secs. 29, 30 and 32.....	99	36	Dickinson....	406	2	1	20
Two lakes.....	99-100	36	Dickinson....	194	12	25	25
Lake in secs. 5, 6, 7 and 8.....	99	36	Dickinson....	293.42	9	61	67
Lake in sec 23	99	36	Dickinson....	186.37	3	12	24
Lakes, four, west of Spirit lake.....	100	36	Dickinson....	900	2	62	24
Storm lake.....	90	37	Buena Vista...	3224.47	2	4	15
Lake in secs. 31 and 32.....	99	37	Dickinson....	143	1	24	20
Lake in secs 30 and 31.....	99	37	Dickinson....	157.40	1	24	20
Diamond lake in secs. 10, 11, 14, 15.....	100	37	Dickinson....	164.55	1	24	20
Lake in secs. 23, 24, 25 and 26.....	100	37	Dickinson....	70.90	1	14	21
Lake.....	100	36-37	Dickinson....	50	6	41	79
Silver lake, in secs. 27, 28, 29, 32, 33 and 34.....	100	38	Dickinson....	1047.40	2	1	70
Lake on Minnesota state line.....	100	39	Osceola....	165.90	3	33	61
Rush lake.....	100	30-40	Osceola....	257.53	1	67	38
Wabonzie lake, in secs. 2 and 3.....	70	43	Fremont.....	260	1	67	38

8 Owl lake, in Humboldt county, has been drained, surveyed and approved, and patented as swamp land, and was patented to the county as swamp land April 30, 1895.

MEANDERED LAKES—CONTINUED.

LAKE.	LOCALITY OF LAKE.			Estimated area in acres.	ESTI-MATED SHORE LINE.		
	Town.	Range.	COUNTY.		Miles.	Chains.	Links.
Lake in secs. 29 and 32.....	74	43	Pottawattamie	72.48	1	53	50
Lake in secs. 11, 14, 15, 22 and 23.....	75	44	Pottawattamie	430.79	6	39	40
Lake in secs. 2, 3, 10 and 11.....	76	44	Pottawattamie	234.63	4	19	77
Boyer lake, in secs. 21, 22, 27 and 28.	76	44	Pottawattamie	593	5	10	25
Lake	77-78	45	Pottawattamie and Harrison	76.78	2	4	85
Lake in secs. 22, 23 and 26 (Soldier).	78	45	Harrison.....	266.91	4	48	99
Lake in secs. 2, 11, 14, 15, 22 and 27.....	80	45	Harrison.....	532	8	20	30
Lakes in secs. 13, 14, 23 and 24.....	80	45	Harrison.....	416.88	3	25	69
Blue lake.....	83-84	45-46	Monona.....	1598.60	10	28	63
Lake in secs. 10, 11, 12, 13, 14, 23, 24, 26, 27 and 34.....	86	47	Woodbury.....	991.27	13	8	59

MISCELLANEOUS.

Under this subdivision I have given a statement of quantity of lands the state has received under the several congressional grants, a statement of the real estate acquired by the state for public uses and purposes, and of the real estate taken on account of debts due the state.

LAND CONCESSIONS TO THE STATE BY THE UNITED STATES.

DESCRIPTION.	NO. OF ACRES.
Sixteenth section grant.....	1,014,331.05
Five hundred thousand-acre State university.....	535,473.54
Saline.....	45,928.84
Agricultural college.....	46,202.53
Five-section grant (in Jasper county).....	204,309.30
Burlington & Missouri River railroad.....	3,200.00
Chicago, Rock Island & Pacific.....	389,989.71
Cedar Rapids & Missouri River.....	644,627.17
Dubuque & Sioux City.....	1,165,270.63
Iowa Falls & Sioux City.....	683,143.80
McGregor & Missouri River and Chicago, Milwaukee & St. Paul.....	683,023.80
Sioux City & St. Paul.....	325,126.29
Des Moines Valley.....	407,910.21
Des Moines River improvement.....	840,011.36
Swamp lands (in place).....	322,392.18
Indemnity in cash awarded, act March 2, 1855.....	938,349.69
Indemnity in land awarded, act March 2, 1855.....	445,787.24
Total.....	341,632.97
	9,036,710.31

REALTY ACQUIRED BY THE STATE FOR PUBLIC USES AND PURPOSES.

A statement of the real estate acquired by the state of Iowa for the use of its public institutions, giving name of each institution, description of real estate acquired for the same, quantity, name of grantor, nature of deed, date of deed and date of filing deed for record, as completely as such information could be obtained.

INSTITUTION.	DESCRIPTION.	Section.		Acres.	GRANTOR.	Nature of deed.	Date of deed.	When filed for record.	
		N.	W.						
Agricult'l College and Farm—State.	e 1/2 of w 1/2	4	83	24	129.98	Lewis Badger.....	Warr'ty.	June 8, 1850	Aug. 4, 1859
	w 1/2 of sw	3	83	24	80	Henry McCarthy..	Warr'ty.	July 16, 1850	Aug. 12, 1859
	se 1/4	4	83	24	160				
	w 1/2 of ne	4	83	24	45.88	Samuel Luther and Dovey Luther.....	Warr'ty.	July 16, 1850	Aug. 12, 1859
	e 1/2 of sw and nw fr 1/4	3	83	24	228.04	Absalom Cooper.....	Warr'ty.	June 28, 1850	Aug. 12, 1859
	e fr 1/2 of ne	4	83	24					
	Commencing at nw cor. of e 1/2 of nw fr 1/4 of Sec. 4, Town. 83, range 24, and thence w 4.96 chains, thence s 20.16 chains, thence e 4.96 chains, and thence n to place of beginning.....				10	Phlander L. Porter.	Warr'ty.	Feb. 23, 1868	Feb. 29, 1868
	w 1/2 of se	33	84	24	80	Unknown.			
	se of sw (except w 1/2 of w 1/2 same).....	33	84	24	30	Unknown.			
	ne of sw (except w 1/2 of sw same).....	33	84	24	35	Unknown.			
	n 1/2 of ne of nw of sw.....	33	84	24	5	Unknown.			
	se of nw.....	33	84	24	40	Unknown.			
sw of nw (except w 1/2 of sw same).....	33	84	24	35	Unknown.				
Also a small piece of about 5 or 6 acres south of railroad in sw 1/4, the description unknown.....	33	84	24		Unknown.				
Agricultural Society—State.....	North 1/2 of the east thirty-four and 83-100 acres of official plat of lot fifteen (15), the north 1/2 of Sec. 6, Town. 78, N., range 23 W., except one acre off the east end of the above described lands; also, the south three acres of lots 10 and 11 of the official plat of the north 1/2 of section 6, in the township and range aforesaid; also, commencing at a point thirteen and 37 1/4-100 chains north of the quarter post on the west line of section 6, township 78, range 23, thence easterly parallel with the center line of said section 6, thirty-seven 10 1/4-100 chains, thence								
	north 27 1/4 links, thence east, same variation, twenty-one and 49 1/4-100 chains, thence south thirteen and 65-100 chains, thence east 25 links, thence north ten chains, thence east line and 75-100 chains, thence north five and 60-100 chains, thence east, same variation, sixteen and 41-100 chains, thence north three and 71-100 chains, thence east eight and 99-100 chains, thence north twenty four and 17-100 chains, thence west fifteen and 40-100 chains, thence south one and 37 1/4-100 chains, thence west seventy-eight and 82-100 chains, thence south to place of beginning. This embraces official plat lots 12 and 13, and fourteen and 65-100 acres of lot 8, and west part of lots 24 and 25, and two and 75-100 acres of the Dean and Barlow estates in section 5, town, and range above mentioned, containing two hundred and sixty-five 91-100 acres, according to former and recent surveys.					Wesley Redhead and Annie S. Redhead..	Warr'ty.	June 26, 1885	June 27, 1885
Blind, College for, at Vinton.....	sw of ne.....	20	85	10	40	John W. O. Webb and Elizabeth O. Webb	Warr'ty.	June 2, 1858	June 10, 1858
	Lot 8, block 6, Griffin's addition to Vinton.....					John Cisna and Catharine Cisna.....	Warr'ty.	Sept. 6, 1873	Sept. 8, 1873
	Lot 7, block 6, Griffin's addition to Vinton.....					James Chapin and Mary D. Chapin....	Warr'ty.	May 18, 1875	May 18, 1875
Deaf, School for, at Council Bluffs....	No report received from said institution. Deeds not on file in state auditor's office, where the law requires them to be kept.								
Fish Hatchery, at Anamosa.....	Twenty acres off of west end of lot 4.....	9	84	4	20	Wm. T. Shaw and wife	Warr'ty.	June 9, 1876	
Fish Hatchery, at Spirit Lake.....	Lots F and G, lying on east side of the outlet of Spirit lake, in the town of Minnie Waukon Beach, in Dickinson county, Iowa.....					Cedar Rapids, Iowa Falls & Northwestern Land and Town Lot Co. of Linn Co., Iowa.....	Q. C. ...	Aug. 21, 1886	Sept. 27, 1886
	Right of way to lay water pipes across block E, town of Minnie Waukon Beach, Dickinson county, Iowa, from north to south.....					Spirit Lake Hotel & Transportation Co.....		Aug. 28, 1886	Sept. 27, 1886

NOTE.—The Fish Hatchery at Anamosa was vacated and the real estate sold and patented to Wm. T. Shaw, under sec. 4, chap. 155, acts of Twenty-first General Assembly. Date of patent, June 13, 1887.

REALTY ACQUIRED BY THE STATE FOR PUBLIC USES AND PURPOSES—CONTINUED.

INSTITUTION.	DESCRIPTION.	Section	Town.	Range.	Acres.	GRANTOR.	Nature of deed.	Date of deed.	When filed for record.
Fish Hatchery, at Spirit Lake—Cont	Commencing at a point on section line 779 feet west of se ¼ of sec. 28, tp. 100, r. 36; thence s 8° e 390¼ feet to shore of East Okoboji lake; thence west along the shore of said lake 264 feet to canal or inlet of said lake; thence n 8° e along the east bank of said inlet or canal 556½ feet; thence east on a var. of n 81° 30' e 264 feet; thence s 8° e 169¼ feet to place of beginning, containing 3 4-10 acres more or less.....					Spirit Lake Hotel & Transportation Co.	Warr'ty.	Aug. 28, 1886	Sept. 27, 1886
	Commencing at a point on the section line 779 feet west of se corner of sec. 28, tp. 100, r. 36; thence s 8° e 390¼ feet to shore of East Okoboji lake; thence west along the shore of said lake 264 feet to canal or inlet of said lake; thence north var 8° e along the east bank of said inlet or canal 556½ feet; thence east on a var. of n 81° 30' e 264 feet; thence s 8° e 169¼ feet to place of beginning, containing 3 4-10 acres more or less. "This deed is made for the purpose of correcting an alleged defect in the description of a deed conveying the same property." (The preceding one).....					Spirit Lake Hotel & Transportation Co.	Warr'ty.	April 1, 1887	April 7, 1887
Feeble Minded, Institution for, at Glenwood.....	Block 45, Glenwood city.....					F. Nutt and wife.....	Q. C.	May 9, 1883	July 19, 1883
	Block 45, Glenwood city.....					H. O. Ott and wife.....	Q. C.	May 9, 1883	July 19, 1883
	Lots 1, 2, 3, 4, block 45, city of Glenwood.....					Sheriff of Mills county.....		Feb. 17, 1883	Feb. 17, 1883
	Commencing at a point 8.33 chains east of nw corner of sw of ne of sec. 13, tp. 72, range 43; thence east 9.70 chains; thence south 6.18 chains; thence west 9.70 chains; thence north 6.18 chains to place of beginning.....					E. C. Bosbyshell and wife.....	Warr'ty.	June 15, 1882	July 19, 1882
w ¼ of out lot No. 16 in the city of Glenwood.....					William Kempton and wife.....	Warr'ty.	April 24, 1882	July 19, 1882	

Insane, Hospital at Clarinda.....	Commencing at sw corner of n ¼ of ne of sec. 13, town. 72, range 43 west; thence east 12 rods and 9 feet; thence due north 12 rods and 11½ feet; thence due west 12 rods and 9 feet; and thence due south 12 rods and 11½ feet, to place of beginning.....				1	George Hall and wife.....	Warr'ty.	April 27, 1882	July 19, 1882	
	Sixty acres off of west side of w ¼ of se, except north 12 acres.....	13	72	43	48	Martin Farrar, bachelor.....	Warr'ty.	April 22, 1882	July 19, 1882	
	Also same tract.....	13	72	43	48	Julia and Josiah Farrar.....	Q. C.	June 17, 1882	July 19, 1882	
	Commencing at nw corner of w ¼ of se of sec. 13, town. 72, range 43; thence east 60 rods; thence south 32 rods; thence west 60 rods; and thence north 32 rods, to place of beginning.....					12	George A. Davis and wife.....	Warr'ty.	Mar. 30, 1882	July 19, 1882
	e ¼ of sw.....	18	72	43	80	D. B. Lufkin and wife.....	Warr'ty.	April 20, 1882	July 19, 1882	
	Four acres off of nw corner of s ½ of ne of sec. 13, town. 72, range 43, commencing at said corner and thence south 25 rods and 8 links; thence east 25 rods and 8 links; thence north 25 rods and 8 links; thence west to place of beginning.....						O. W. Archibald and wife.....	Warr'ty.	May 24, 1882	July 19, 1882
	Lot 3, block 46, city of Glenwood.....						George Linville and wife.....	Warr'ty.	April 15, 1882	July 19, 1882
	e ¼ of out lot 16, city of Glenwood.....						Eliza Askern, formerly Eliza Gilpin, and George Askern, husband and wife.....	Warr'ty.	June 16, 1882	July 19, 1882
	One hundred acres off of east side of the se ¼.....	18	72	43	100	Newton B. Pitzer and wife.....	Warr'ty.	May 6, 1880	June 14, 1880	
	Lot 4.....	13	72	43		J. P. Jackson and wife.....	Q. C.	May 1, 1884	June 14, 1884	
	Lot 1, block 46, city of Glenwood.....					L. W. Russell and wife.....	Warr'ty.	April 26, 1882	July 19, 1882	
	Lot 1, block 47, city of Glenwood.....					Samuel Mershon and wife.....	Warr'ty.	May 1, 1882	July 19, 1882	
	Lot 2, block 47, city of Glenwood.....					Charles W. Lufkin, unmarried.....	Warr'ty.	April 26, 1882	July 19, 1882	
	n ¼ of sw.....	19	69	36	79.92	William Butler and Ellen D. Butler.....	Warr'ty.	Oct. 18, 1884	Nov. 14, 1884	
	s ¼ of n ¼ of se.....	24	69	36	60	Geo. O. Turner and Lillie Turner.....	Warr'ty.	Oct. 8, 1884	Nov. 4, 1884	
s ½ ne and n ¼ of n ¼ of se.....	24	69	37	100						
s ¼ of se, se of sw.....	24	69	37	120	Frederick Fisher and Elizabeth Fisher.....	Warr'ty.	Oct. 8, 1884	Nov. 14, 1884		
n 30 acres of ne of ne, and n 20 acres of nw of ne.....	25	69	37							
s ¼ of sw.....	19	69	36							
n 20 acres of nw.....	30	69	36		Cary F. Wise and Elizabeth E. Wise.....	Warr'ty.	Oct. 8, 1884	Nov. 14, 1884		
s 3 acres of n 13 acres of ne of nw.....	30	69	36							

REALTY ACQUIRED BY THE STATE FOR PUBLIC USES AND PURPOSES—CONTINUED.

INSTITUTION.	DESCRIPTION.	Section.	Township.	Range.	Acres.	GRANTOR.	Nature of deed.	Date of deed.	When filed for record.	
Insane, Hospital at Independence...	s ¼ of sw.....	5	88	9	80	Not known.				
	n ¼ of ne.....	88	9	80	Not known.					
	n ¼ of ne and n ¼ of nw.....	88	9	160	Not known.					
	s ½ of se.....	88	9	80	Gershon H. Hill and Louisa B. Hill	Warr'ty.	April 3, 1884	April 5, 1884		
Insane, Hospital at Mt. Pleasant.....	w ¼ of ne, e ¼ nw.....	15	71	6	160	Hulda Evans.....		Mar. 17, 1885	Mar. 17, 1885	
	Also a tract commencing at center of sec. 15, Tp. 71, range 6 w; thence s 3 81 chains; thence s 52° w 4 chains; thence s 77 ½° w 3 chains; thence w 13 81 chains; thence n 6 93 chains to place of beginning. Part of e ¼ of sw, sec. 10, Tp. 71, range 6, as follows: Commencing at se cor. of said half quarter; thence w 100 feet; thence n 23.63 chains to a line of road from Mt Pleasant to Burlington; thence easterly on said n line of above half quarter; thence s on said line about 23.63 chains to place of beginning; se of nw of nw.....					Hulda Evans.....		Mar. 17, 1885	Mar. 17, 1885	
	All of that portion known as "Forest Home" of nw of sw, comprised in blocks 1, 12, 13, 24, 25 and 34, on e side of said parcel of land.....	15	71	6	6	James Harlan and wife.....			July 22, 1888	
	Beginning at the nw cor. of the sw ¼ of nw ¼ of sec. 15, Tp. 71, range 6 w; thence s 554.80 feet; thence s 85° e 265 feet; thence s 91 feet; thence e 660 feet; thence n 723 feet; thence w 1,330 feet to place of beginning.....	15	71	6	20	Lemuel Halgraves, John Guylen and Eliza Guylen.....			June 1, 1866	
	Part of e ¼ of sw ¼ (This piece is adjoining Hospital avenue on the west and is described at great length in deed.)	10	71	6	10	Ford Barnes and wife.....			Feb. 25, 1870	
	w ¼ of se.....	15	71	6	80	Thos. Knox and wife.....			Oct. 12, 1868	
	A part of the e ¼ of sw sec. 15, Tp. 71, range 6 w, commencing at a point 3.91 chains south from center of sec. 15, thence to meanderings of Bowers' branch, s 52° w 4 chains, s 77 ½° w 3 chains, s 80° w 4 ½ chains, S. 41 ½° W. 3 chains, S. 15 ½° E. 3 ½ chains, S. 30 ½° W. 3.10 chains, S. 48 ½° E. 61 chains; east 12.91 chains, with Williford's branch, thence N. 11.63 chains to place of beginning.....				10.76	Patrick Muldowney and wife.....			June 25, 1870	
	A part of the e ¼ of sw of sec. 15, Tp. 71, R. 6 W. commencing at a point on the west line of said tract 4.83 chains south of nw corner of said tract, thence e 13.81 chains to the Heath tract, S. 80° W. 4 ½ chains, S. 41 ½° W. 3 chains, S. 30 ½° W. 3.10 chains, S. 48 ½° E. 61 chains, E. 12.91 chains to E. line of said half quarter sec. south 14.20 chains to the Hemenway tract, N. 67 ½° W. 11.53 chains, N. 65 ½° W. 7.83 chains, N. 80° W. 2.64 chains to the west line of said half section, and 15.22 chains to the place of beginning.....				87.35	Chas. H. Phelps and wife.....			June 25, 1870	
	Insane, Hospital at Cherokee.....	w ¼ of nw ¼ of se ¼, w ½ of sw ¼ of ne ¼, and w ¼ of.....	28	92	40	360	N. T. Burroughs and wife.....	Warr'ty.	July 12, 1894	July 17, 1894
		e ¼ of ne ¼, nw ¼ of ne ¼, e ½ of sw ¼ of ne ¼, w ½ of se ¼ of se ¼, e ½ of nw ¼ of se ¼, and sw ¼ of se ¼.....	28	92	40	240	N. T. Burroughs and Addie H. Burroughs.....	Warr'ty.	April 30, 1896	May 5, 1896
Industrial School at Mitchellville.	Lots 17 and 18, Sage's subdivision of sw ¼ Sec. 12, Tp. 79, R. 22.....					Thos. Mitchell, President Board Trustees Mitchell Seminary.....		April 22, 1880	April 22, 1880	
	Lots 19 and 20, Sage's subdivision of sw ¼ Sec. 12, Tp. 79, R. 22.....					Thomas Mitchell and wife.....		April 22, 1880	April 22, 1880	
	Lots 21 and 22, Sage's subdivision of sw ¼ Sec. 12, Tp. 79, R. 22.....					Thomas Mitchell.....		Not known	Not known	
Industrial School at Eldora.....	n ½ of nw (except one acre).....	12	87	20	79	C. B. Davis and Addie E. Davis.....	Warr'ty.	April 21, 1894	April 21, 1894	
Penitentiary at Anamosa.....	Lots 1, 2, 3, 4 and 5 and north 12 feet of lots 6, 7, 8 and 6, block 1 e 11 of block 2 Lots 6, 7, 8, 9 and 10, block 3. Lots 6, 7, 8, 9 and 10, block 6. All of block 7. Lots 1, 2, 3, 4, 5, 6 and 7, and north 12 feet of lots 8, 9 and 10, block 8 of Gibbs' addition to the town of Anamosa, with streets and alleys lying in said portion of said town, and Vine street lying west of same.									

REALTY ACQUIRED BY THE STATE FOR PUBLIC USES AND PURPOSES—CONTINUED.

INSTITUTION.	DESCRIPTION.	Section.	Town.	Range.	Acres.	GRANTOR.	Nature of deed.	Date of deed.	When filed for record.
Penitentiary at Anamosa—Cont.....	Also 5 acres off of the east side of the following: Commencing at southeast corner of nw of sw, Sec. 3, Tp. 34, R. 4 W, thence west 13 71 chains, thence north 30° west 6 chains, thence north 65° E. 17 90 chains, to east line of the 40 acres, thence south 12 27 chains, to place of beginning. Also another tract, commencing 12 27 chains north W, thence west 230 feet; thence south 108 feet; thence north 65° E, to place of beginning. E ½ of sw (stone quarry).....	33	85	4	80				
Penitentiary at Ft. Madison.....	Lots 1115 and 1116 and 202 feet from the south side of lot 1117..... Another deed is as follows: Commencing at southeast corner of lot No. 1117 and running north on the east line of said lot 202 feet; thence west running parallel with the south line of said lot to the west line thereof; thence south on said west line 202 feet, to the southwest corner of lot; and thence east on the south line to the place of beginning. And also lots No. 1115 and 1116 in said town.....				10	President and Trustees of town of Ft. Madison..... Mayor and Aldermen of town of Ft. Madison.....		April 24, 1830	April 24, 1830
Soldiers' Home at Marshalltown.....	nw of se..... se of nw, ne of sw, and east 5 acres of sw of nw, and east 5 acres of nw of sw.....	27	84	18	40	Emily A. Sleigh and E. G. Sleigh..... Geo. Glick and Jane Glick.....	Warr'ty.	June 3, 1886	Dec. 10, 1886
Orphans' Home at Davenport.....	(Property only leased or rented.)	27	84	18	90				
State Normal Sch'l at Cedar Falls.....	se of se.....	14	80	14	40	Not known.			
State University at Iowa City.....	Formerly state capital. Designated on official plat of Iowa City as "Capitol Square." Is in Sec. 10, Town 78, range 6 west. This site was selected May 4, 1839, as the territorial capital, by Chauncey Swan, John Ronalds and Robert Ralston, commissioners appointed by act of territorial legislature to locate capital.								
PUBLIC GROUNDS IN DES MOINES.									
Capitol Square.....	Commencing at a point n 68° e 2.96 ½ chains from the center corner of Sec. 3, Town 78, range 24; thence n 74° 30' e 640 feet to a stone at the ne corner of Capitol Square; thence s 15° 30' e 683 feet to a stone at se corner of said square; thence s 74° 30' w 640 feet to a stone at the sw corner of said square; thence n 15° 30' w 683 feet to a stone at the nw corner of said square, or place of beginning, containing 10.02 acres, more or less; run at a variation 10° east.....					W. A. Scott and Harison Lyon.....	Warr'ty.	April 28, 1856	April 29, 1856
Governor's Square.....	Commencing at a point s 82° 30' w 1.65 chains from nw corner of sw ¼ of Sec. 2, Town 78, range 24, thence n 74° 30' e 683 feet to a stone; thence s 15° 30' e 680 feet to a stone; thence s 74° 30' w 680 feet to a stone; thence n 15° 30' w 360 feet to the place of beginning, containing 3.61 acres, more or less..... Lot A Stewart's addition to Des Moines, according to plat. Said lot situated south of Walnut street and west of Fifteenth street, and adjoining the north boundary line of sw ¼ of Sec. 2, Town 78, range 24, containing about a half of an acre, more or less.....					T. K. Brooks and W. A. Scott..... Joseph B. Stewart.....	Warr'ty.	April 29, 1856	April 29, 1856
Asylum Square, or State Square.....	Block 27 Stewart's addition, designated on plat as "State Square," contains about 2.25 acres.....					Joseph B. Stewart.....	Warr'ty.	Jan. 9, 1858	March 6, 1858
Old Capitol.....	Lots 11 and 12, block 6, Scott's addition to town of Des Moines, and all buildings thereon.....					Capitol Building Association.....	Warr'ty.	Oct. 24, 1864	Feb. 7, 1865
*State Arsenal.....	Lots 7 and 8, block 33, original town of Ft. Des Moines, now included within the corporate limits of the city of Des Moines. The consideration, \$5,500, paid by the city of Des Moines.....					F. M. Hubbell and Frances E. Hubbell, his wife.....	Warr'ty.	June 25, 1866	July 6, 1866

NOTE.—The descriptions of the Anamosa Penitentiary grounds were obtained from an abstract and diagram, and no attempt made to ascertain names of grantors, etc. State Normal School at Cedar Falls has the grounds formerly used for Soldiers' Orphans' Home.
*Sold by the state of Iowa to the city of Des Moines for the uses and purposes of the free public library in said city; consideration, \$15,000.

REALTY ACQUIRED BY THE STATE FOR PUBLIC USES AND PURPOSES—CONTINUED.

INSTITUTION.	DESCRIPTION.	Section.	Town.	Range.	Acres.	GRANTOR.	Nature of deed.	Date of deed.	When filed for record.
State Heat House.	Lot 3 block 4, H. Lyon's add to the town of Des Moines.					Ed Wright, widower.	Warranty.	April 5, 1875	April 6, 1878
	Lot 4 block 4, H. Lyon's addition to the city of Des Moines.					Geo. M. Day and Jennie E. Day, his wife	Warranty.	June 17, 1880	June 19, 1880
North of State Heating House.	Lots 9 and 10, block 4, H. Lyon's addition to the city of Des Moines.					John V. Wise, ex-ec of John H. Wise estate	Ex'r's	April 23, 1894	April 27, 1894
State Arsenal.	Lots 1 and 2, block 7, of Scott's addition to the city of Des Moines.					Flores Wright.	Warranty.	June 9, 1897	
Historical building	Lots 1, 3, 4 and 5, in block 5, H. Lyon's addition to the city of Des Moines.					Eliza Jane Lyon	Warranty.	June 13, 1898	
	The consideration paid by the state, \$16,000.								

REAL ESTATE TAKEN ON ACCOUNT OF DEBTS DUE THE STATE.

A statement giving a description of real estate acquired by the state of Iowa on account of indebtedness to the state, and on what account taken. The executive council of the state has the disposition of these lands. Taken on loans of school fund by James D. Eads, Supt. Public Instruction.

REAL ESTATE TAKEN.

LOT OR PART OF BLOCK.	Block.	CITY.
West ½ contains 5 acres	21	Nassau addition to Keokuk.
West 46 feet of east 213 feet, 8¼ inches of north 170 feet	4	Scott's addition to Des Moines.

One-third of thirty-five acres described as follows: Commencing at e cor of sw qr of sec 1, tp 65, r 5 w; thence w on s line of said qr sec to the sw cor of said qr sec; thence n on the w line of said qr sec, 11.42 chains to a stone; thence e parallel to the s line of said qr sec, 30.50 chains to a post; thence s 10.92 chains to a post; thence e parallel to the s line of said qr sec, 9.50 chains to a post; thence s 50 links to place of beginning, in Lee county, Iowa.—Except a small tract sold to W. W. Belknap, in 1868.

Also, the n ½ of sw ¼ sec 3, tp 91, range 26, w 80 acres in Wright county.

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