

## The Wisconsin farmer. Vol. 12 1860

Madison, Wisconsin: D. J. Powers and Co., 1860

<https://digital.library.wisc.edu/1711.dl/L3DKM5J5VHH4A8U>

Based on date of publication, this material is presumed to be in the public domain.

For information on re-use, see

<http://digital.library.wisc.edu/1711.dl/Copyright>

The libraries provide public access to a wide range of material, including online exhibits, digitized collections, archival finding aids, our catalog, online articles, and a growing range of materials in many media.

When possible, we provide rights information in catalog records, finding aids, and other metadata that accompanies collections or items. However, it is always the user's obligation to evaluate copyright and rights issues in light of their own use.

# WISCONSIN FARMER



VOL. 12.

MADISON, JANUARY 1, 1860.

NO. 1.

## The Wisconsin Farmer,

A SEMI-MONTHLY JOURNAL,  
Devoted to Agriculture, Horticulture, &c  
PUBLISHED BY D. J. POWERS & Co.

### TERMS OF SUBSCRIPTION.

SINGLE COPIES, \$1 PER YEAR—SEVEN COPIES, \$6  
—TEN COPIES \$8—FIFTEEN COPIES, \$12—  
TWENTY COPIES, \$15, AND ONE TO THE AGENT

### RATES OF ADVERTISING IN THE FARMER.

NO. INSERTIONS.	1	2	3	4	5	6	7	8	9	10	11	12
12 lines or 1 sq'r	\$2	3	4	5	6	7	8	9	10	11	12	13
2 "	3	4	5	6	7	8	9	10	11	12	13	14
3 "	4	5	6	7	8	9	10	11	12	13	14	15
4 "	5	6	7	8	9	10	11	12	13	14	15	16
5 "	6	7	8	9	10	11	12	13	14	15	16	17
6 "	7	8	9	10	11	12	13	14	15	16	17	18
7 "	8	9	10	11	12	13	14	15	16	17	18	19
8 "	9	10	11	12	13	14	15	16	17	18	19	20
9 "	10	11	12	13	14	15	16	17	18	19	20	21
10 "	11	12	13	14	15	16	17	18	19	20	21	22
11 "	12	13	14	15	16	17	18	19	20	21	22	23
12 "	13	14	15	16	17	18	19	20	21	22	23	24
13 "	14	15	16	17	18	19	20	21	22	23	24	25
14 "	15	16	17	18	19	20	21	22	23	24	25	26
15 "	16	17	18	19	20	21	22	23	24	25	26	27
16 "	17	18	19	20	21	22	23	24	25	26	27	28
17 "	18	19	20	21	22	23	24	25	26	27	28	29
18 "	19	20	21	22	23	24	25	26	27	28	29	30
19 "	20	21	22	23	24	25	26	27	28	29	30	31
20 "	21	22	23	24	25	26	27	28	29	30	31	32
21 "	22	23	24	25	26	27	28	29	30	31	32	33
22 "	23	24	25	26	27	28	29	30	31	32	33	34
23 "	24	25	26	27	28	29	30	31	32	33	34	35
24 "	25	26	27	28	29	30	31	32	33	34	35	36
25 "	26	27	28	29	30	31	32	33	34	35	36	37
26 "	27	28	29	30	31	32	33	34	35	36	37	38
27 "	28	29	30	31	32	33	34	35	36	37	38	39
28 "	29	30	31	32	33	34	35	36	37	38	39	40
29 "	30	31	32	33	34	35	36	37	38	39	40	41
30 "	31	32	33	34	35	36	37	38	39	40	41	42
31 "	32	33	34	35	36	37	38	39	40	41	42	43
32 "	33	34	35	36	37	38	39	40	41	42	43	44
33 "	34	35	36	37	38	39	40	41	42	43	44	45
34 "	35	36	37	38	39	40	41	42	43	44	45	46
35 "	36	37	38	39	40	41	42	43	44	45	46	47
36 "	37	38	39	40	41	42	43	44	45	46	47	48
37 "	38	39	40	41	42	43	44	45	46	47	48	49
38 "	39	40	41	42	43	44	45	46	47	48	49	50
39 "	40	41	42	43	44	45	46	47	48	49	50	51
40 "	41	42	43	44	45	46	47	48	49	50	51	52
41 "	42	43	44	45	46	47	48	49	50	51	52	53
42 "	43	44	45	46	47	48	49	50	51	52	53	54
43 "	44	45	46	47	48	49	50	51	52	53	54	55
44 "	45	46	47	48	49	50	51	52	53	54	55	56
45 "	46	47	48	49	50	51	52	53	54	55	56	57
46 "	47	48	49	50	51	52	53	54	55	56	57	58
47 "	48	49	50	51	52	53	54	55	56	57	58	59
48 "	49	50	51	52	53	54	55	56	57	58	59	60
49 "	50	51	52	53	54	55	56	57	58	59	60	61
50 "	51	52	53	54	55	56	57	58	59	60	61	62
51 "	52	53	54	55	56	57	58	59	60	61	62	63
52 "	53	54	55	56	57	58	59	60	61	62	63	64
53 "	54	55	56	57	58	59	60	61	62	63	64	65
54 "	55	56	57	58	59	60	61	62	63	64	65	66
55 "	56	57	58	59	60	61	62	63	64	65	66	67
56 "	57	58	59	60	61	62	63	64	65	66	67	68
57 "	58	59	60	61	62	63	64	65	66	67	68	69
58 "	59	60	61	62	63	64	65	66	67	68	69	70
59 "	60	61	62	63	64	65	66	67	68	69	70	71
60 "	61	62	63	64	65	66	67	68	69	70	71	72
61 "	62	63	64	65	66	67	68	69	70	71	72	73
62 "	63	64	65	66	67	68	69	70	71	72	73	74
63 "	64	65	66	67	68	69	70	71	72	73	74	75
64 "	65	66	67	68	69	70	71	72	73	74	75	76
65 "	66	67	68	69	70	71	72	73	74	75	76	77
66 "	67	68	69	70	71	72	73	74	75	76	77	78
67 "	68	69	70	71	72	73	74	75	76	77	78	79
68 "	69	70	71	72	73	74	75	76	77	78	79	80
69 "	70	71	72	73	74	75	76	77	78	79	80	81
70 "	71	72	73	74	75	76	77	78	79	80	81	82
71 "	72	73	74	75	76	77	78	79	80	81	82	83
72 "	73	74	75	76	77	78	79	80	81	82	83	84
73 "	74	75	76	77	78	79	80	81	82	83	84	85
74 "	75	76	77	78	79	80	81	82	83	84	85	86
75 "	76	77	78	79	80	81	82	83	84	85	86	87
76 "	77	78	79	80	81	82	83	84	85	86	87	88
77 "	78	79	80	81	82	83	84	85	86	87	88	89
78 "	79	80	81	82	83	84	85	86	87	88	89	90
79 "	80	81	82	83	84	85	86	87	88	89	90	91
80 "	81	82	83	84	85	86	87	88	89	90	91	92
81 "	82	83	84	85	86	87	88	89	90	91	92	93
82 "	83	84	85	86	87	88	89	90	91	92	93	94
83 "	84	85	86	87	88	89	90	91	92	93	94	95
84 "	85	86	87	88	89	90	91	92	93	94	95	96
85 "	86	87	88	89	90	91	92	93	94	95	96	97
86 "	87	88	89	90	91	92	93	94	95	96	97	98
87 "	88	89	90	91	92	93	94	95	96	97	98	99
88 "	89	90	91	92	93	94	95	96	97	98	99	100
89 "	90	91	92	93	94	95	96	97	98	99	100	101
90 "	91	92	93	94	95	96	97	98	99	100	101	102
91 "	92	93	94	95	96	97	98	99	100	101	102	103
92 "	93	94	95	96	97	98	99	100	101	102	103	104
93 "	94	95	96	97	98	99	100	101	102	103	104	105
94 "	95	96	97	98	99	100	101	102	103	104	105	106
95 "	96	97	98	99	100	101	102	103	104	105	106	107
96 "	97	98	99	100	101	102	103	104	105	106	107	108
97 "	98	99	100	101	102	103	104	105	106	107	108	109
98 "	99	100	101	102	103	104	105	106	107	108	109	110
99 "	100	101	102	103	104	105	106	107	108	109	110	111
100 "	101	102	103	104	105	106	107	108	109	110	111	112

### CONTENTS OF THIS NUMBER.

The New Year of 1860—Reflections and suggestions on the past and future .....	1
Farmers' Clubs .....	2
"Seeding the Soil" in Dec. No .....	3
Fowl meadow grass .....	3
Experience with fowl meadow grass .....	4
Fowl meadow .....	4
Exhausted farms—Restoration .....	4
A short experience in the management of timothy sod .....	5
Open vs covered drains .....	5
Holes in the farmer's breeches pocket .....	5
Marl beds in Wisconsin .....	6
Milch cows (illustrated) .....	6
Facts and suggestions about fattening cattle .....	8
Poultry—Hot feed in winter .....	9
<b>HORTICULTURAL.</b>	
A jaunt through Illinois .....	9
Delaware grapes (illustrated) .....	10
<b>MISCELLANEOUS.</b>	
Life and the Years .....	12
New Year's Day .....	12
Eggs for the million .....	18
Educated labor .....	18
News items .....	14
<b>FOR THE CHILDREN.</b>	
The marvel of the morning .....	14
<b>EDITOR'S TABLE.</b>	
Our semi-monthly—Our friends and patrons .....	15
County fairs of '59 attended on invitation, with notes of travel .....	16
Officers of County Agricultural Societies for 1860 .....	16
Clover and grass seeds—Where can they be obtained .....	17
Produce, Markets, and Prices .....	17
Literary Notices .....	17
Advertisement Notices .....	18

## Prizes! Prizes! Prizes!

WHO WILL HAVE THEM?

### Great Inducements to Agents!!

IN order to insure extra efforts for the circulation of the *Farmer*, the following LIBERAL PREMIUMS are offered to Agents until March 1st:

- For the highest number of subscribers, not less than 100, a Sewing Machine worth . . . . . \$50 00
  - For the next highest number, not less than 75, Agr'l Books (to be selected by Agent from C. M. Saxton & Co.'s Catalogue) to the value of . . . . 30 00
  - For next highest list, not less than 60, a Raymond Sewing Machine (\$10) and complete set of *Farmers* bound, (\$5) . . . . . 15 00
  - For each of the five highest lists, not less than 50, set of silver spoons worth 5 00
  - For each of the highest lists, not less than 40, last four volumes *Farmer*, handsomely bound . . . . . 4 00
- Invariably in Advance.**

Friends of Agricultural Enterprise, who of you is there that will not make an effort for some of the foregoing premiums?

Any thorough-going man who lives in an ordinarily populous neighborhood, can raise the largest list in two weeks, by going actively about it; and if not in one neighborhood it can be done in two or three. Well directed and persevering effort is what wins. Try it, you who have little else to do during the leisure of winter. And if you should not win the first prize, you may the second or third, either of which is well worth having.

Even those that get up their forty may win a complete bound set of the *Farmer* for the last four years, a valuable little library in itself on Agriculture and Horticulture.

And then it will not be forgotten that the satisfaction of having done something for the diffusion of knowledge and the consequent agricultural improvement of the State, will of itself be no small compensation.





# FARMERS, SAVE YOUR HAY & FODDER!

## BY CUTTING IT BEFORE F E D I N G !

THE COMBINED HAND AND HORSE POWER

# CLIMAX

## HAY, STRAW, & CORN-STALK CUTTER !

is NOW COMPLETE IN ALL ITS IMPROVEMENTS over all other First Class Machines. It is as perfect as a Feed Cutter as Fairbanks' Scales is as a Weigher. They are now being extensively manufactured at Madison, and other places in the State, and are meeting with a rapid sale to the best Farmers, Stock Feeders and Livery Stable Men to any and all who have used them we would refer parties wishing to purchase. We will warrant the Climax Machine to cut from three to five times as much of any kind of forage, with the same power, and with equal ease, as any of the cheap wooden machines, and to outlast a hundred of them. With careful usage the Climax Cutter will last a Life time, and twice or thrice pay for itself every year. Hence there is no machine so cheap to the purchaser.

**PRICE \$ 3 5 .**

The undersigned is still supplying the e machines on order. Those wishing them, and not in the reach of Agent's, will address me direct as below.

Madison, Oct. 20th, 1859

XI XI XI

**D. J. POWERS,**  
Wisconsin Farmer Office, Madison, Wis.

# FARMERS! ARE YOU INSURED?

E. G. RIPLEY, President.  
A. A. ALEXANDER, Vice Pres't.  
THOS K. BRACE, Jr. Secretary.  
J. B. BENNETT,  
General Agent, Cincinnati, Ohio.



INCORPORATED

1819.

Charter Perpetual.

CASH CAPITAL, . . . . . ONE MILLION DOLLARS!

Capital and Surplus, . . . . . \$2,030,423-80.

THIS old established Company gives especial attention to the insurance of

*Farm Buildings, Barns and Out Buildings, Furniture, Grain, Stock, &c.,*

on terms of 1 to 5 years. For this class of property, a scale of rates has been fixed low enough to enable every farmer to insure his property. Dwellings, stores, warehouses, taverns, manufactories, &c., insured as low as is consistent with economy and fair profits.

**LOSSES EQUITABLY ADJUSTED AND PROMPTLY PAID.**

UPWARDS OF \$12,000,000 of Losses have been paid by the Aetna Insurance Co., in the past forty years. Agencies in all the principal cities and towns throughout the State. Policies issued without delay, by any of the following duly authorized Agents of the Company. Apply to the nearest local agent.

**W. H. WYMAN, State Agent, Madison.**

Baraboo.....	H. H. POTTER.	Hudson.....	S. CURTIS SIMONDS.	Portage.....	D. VANDERCOOK.
Brodhead.....	E. A. McNAIR.	Janesville.....	H. W. COLLINS.	Prescott.....	P. V. WISE.
Esisto.....	T. L. WRIGHT.	Kenosha.....	L. G. MEERILL.	Potosi.....	J. W. SEATON.
Berlin.....	J. H. TURNER.	La Crosse.....	THEO. RODOLF.	Prairie du Chien.	IRA B. BRUNSON.
Beaver Dam.....	E. P. SMITH.	Mauston.....	JOHN TURNER.	Racine.....	DURAND & REYMOUR.
Chippewa Falls.	JAMES A. TAYLOR.	Menasha.....	F. W. PERRY.	Ripon.....	H. L. EGGLESTON.
Columbus.....	R. W. CHADBOURN.	Madison.....	W. H. WYMAN.	Reedsburg.....	WM. HASKELL.
Delavan.....	N. M. BARRINGTON.	Milwaukee.....	W. H. HOLLAND.	Sheboygan.....	EUGENE CARY.
Darlington.....	W. H. ALLYN.	Mineral Point.	R. L. READ.	Shullsburg.....	M. HOLLISTER.
Edgerton.....	R. S. FASSETT.	Manitowoc.....	S. A. WOOD.	Stevens Point.	WILLIAM McNAIR.
Elkhorn.....	J. A. PERRY.	Monroe.....	E. A. WEST.	Stoughton.....	S. T. BUCKMAN.
Eu Claire.....	H. C. PUTNAM.	Mazomanie.....	S. E. WATERHOUSE.	Sparta.....	SAMUEL McCORD.
Fox Lake.....	W. H. LANDER.	Kilbourn.....	G. VAN STEENWYCK.	Superior.....	WM. R. PERRY.
Fond du Lac.....	K. A. DARLING.	Neenah.....	C. C. TOWNSEND.	Watertown.....	J. A. HALL.
Port Atkinson.	N. F. HOPKIN.	New Lisbon.....	RICHARD SMITH.	Waukesha.....	WM. SOPER.
Geneva.....	E. D. RICHARDSON.	Oshkosh.....	C. H. BRUSH.	Wausau.....	WINFIELD SCOTT.
Grand Rapids.	POWERS & LANG.	Osaukee.....	S. A. WHITE.	Weyauwega.....	JNO. FORDYCE.
Green Bay.....	H. S. BAIRD.	Pepin.....	HENRY D. BARRON.	Waupun.....	W. H. TAYLOR.
Horicon.....	W H BUTTERFIELD.	Platteville.....	J. H. ROUNTREE.	Whitewater.....	O. MONTAGUE.



E. M. Robinson



VOL. 12. MADISON, JANUARY 15, 1860. NO. 2.

# PRIZES! PRIZES! PRIZES!

## WHO WILL HAVE THEM?

### GREAT INDUCEMENTS TO AGENTS!

IN order to insure extra efforts for the circulation of the *Farmer*, the following LIBERAL PREMIUMS are offered to Agents until March 1st:

- For the highest number of subscribers, not less than 100, a Sewing Machine worth . \$50 00
- For the next highest number, not less than 75, Agricultural Books (to be selected by the Agent from C. M. Saxton & Co.'s Catalogue) to the value of . . . . . 30 00
- For next highest list, not less than 60, a Raymond Sewing Machine (\$10) and complete set of *Farmers* bound, (\$5) . . . . . 15 00
- For each of the five highest lists, not less than 50, a set of silver spoons worth . . . . . 5 00
- For each of the highest lists, not less than 40, last four volumes *Farmer*, handsomely bound . . . . . 4 00

Suscriptions taken at Club rates on the above, 75 cents per copy.

### INVARIABLY IN ADVANCE.

Friends of Agricultural Enterprise! who of you is there that will not make an effort for some of the foregoing premiums?

Any thorough-going man who lives in an ordinarily populous neighborhood, can raise the largest list in two weeks, by going actively about it; and if not in one neighborhood, it can be done in two or three. Well directed and persevering efforts is what wins. Try it, you who have little else to do during the leisure of winter. And if you should not win the first prize, you may the second or third, either of which is well worth having.

Even those that get up their forty may win a complete bound set of the *Farmer* for the last four years, a valuable little library in itself on Agriculture and Horticulture.

And then it will not be forgotten that the satisfaction of having done something for the diffusion of knowledge and the consequent agricultural improvement of the State, will of itself be no small compensation.

Address: D. J. POWERS & Co., Madison, Wis.





As accidents will happen in well regulated families, it is very desirable to have some cheap and convenient way for repairing Furniture, Toys, Crockery, etc.

### SPALDING'S PREPARED GLUE

meets all such emergencies, and no household can afford to be without it. It is always ready, and up to the sticking point. There is no longer a necessity for limping chairs, splintered veneers, headless dolls, and broken cradles. It is just the article for combs, shells, and other ornamental work so popular with ladies of refinement and taste.

This admirable preparation is used cold, being chemically held in solution, and possessing all the valuable qualities of the best cabinet-makers' glue. It may be used in the place of ordinary mastic glue, being vastly more adhesive.

"USEFUL IN EVERY HOUSE."

N. B. A brush accompanies each bottle.

**Price 25 Cents.**

Wholesale Depot, No. 30 Platt-st., New-York.

Adrs: **HENRY C. SPALDING & CO.**  
Box No. 3,600, New York.

Put up for dealers in cases containing four, eight, and twelve dozen, a beautiful lithograph show-card accompanying in each package.

**GLUE** A single bottle of SPALDING'S PREPARED GLUE will save ten times its cost annually to every household.

Sold by all prominent Stationers, Druggists, Hardware and Furniture Dealers, Grocers, and Fancy Stores.

Country merchants should make a note of SPALDING'S PREPARED GLUE, when making up their list. It will stand any climate.

[xlii 10]

## Seeds of Evergreen Trees and Shrubs.

WE are now in receipt of several leading varieties of Tree and Shrub Seeds, in advance of our extensive assortment of over 800 sorts, a catalogue of which will be published on the first of February.

Norway Spruce Seed,	75 cts. per lb.
European Silver Fir,	1 00 "
Black Austrian Pine,	3 00 "
Pitch Pine,	8 00 "
Weymouth Pine,	3 00 "
European Larch,	3 00 "
Chinese Arbor Vitae,	2 50 "
American do. (clean seed)	6 00 "
Hemlock Spruce (clean seed)	6 00 "
Siberian Pine,	1 00 "
Balsam Fir,	3 00 "
White and Black Birch, each	2 00 "
Yellow and White Ash, each	1 00 "
Cedar of Lebanon, cones each	20 "
Scotch Fir,	1 50 "
Honey Locust for Hedges,	75 "
Yellow Timber Locust,	75 "
Buckthorn Seed,	1 00 "

### ALSO

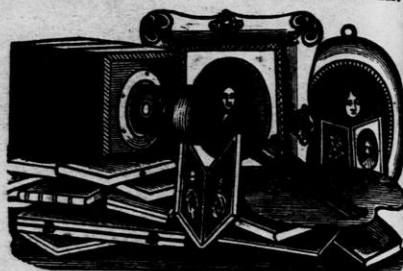
Apple Seed, 40 cts. per quart, \$8.00 per bushel.  
Pear Seed, (imported) \$2.50 per pound.  
Pear Seed, (American) \$2.00 per pound.  
Black Mazzard Cherry Pits, 50 cts per qt., \$10 bushel.  
Connecticut Seed Leaf Tobacco, \$3.50 per pound.  
Early Sovereign Potatoes, the earliest and best variety in cultivation, \$4.50 per barrel.  
White Clover, Lucerne, English Rye Grass, Blue Grass, Orchard Grass, and all and every variety of Seeds for the Farm, Plantation and Garden.

J. M. THORBURN & CO.,  
15 John-st., New-York.

xlii 12]

## Fuller's Temple of Art!

UNITED STATES BLOCK, CORNER PINCKNEY  
MAIN STREETS,  
Madison ..... Wisconsin.



DAGUERRETYPES,  
PHOTOGRAPHS,  
AMBROTYPES, &c.

PICTURES for mailing at a very low price. Ambrotypes and Daguerreotypes enlarged and copied in Photographs.

This is the largest Gallery in the State, and the ONLY ONE IN MADISON, where pictures are made that will STAND THE TEST OF TIME.

Call and examine specimens, several hundreds of which are on exhibition.

xi xi

JOHN S. FULLER.



## Patterns and Castings,

AT

No. 2 Spring St., opposite the Chamber of Commerce, Milwaukee, Wis.

I will make to order PATTERNS and MODELS for every variety of machinery and architecture. I will also furnish IRON and BRASS CASTINGS in large or small quantities.

Light machinery, new inventions, and all designs in wood and iron, will receive particular attention.

xi xi

A. STONER.

## Milwaukee Mutual FIRE INSURANCE COMPANY

CAPITAL, \$100,000.

OFFICE, NOS. 3 & 4, MARTIN'S BLOCK, MILWAUKEE, WISCONSIN.

The Oldest Company in the State!

As only isolated dwellings and barns with their contents are insured, (no risks being taken on stores, taverns, mills, shops, &c.) Farmers are presented with an unequally safe and cheap means of insurance.

### DIRECTORS:

S. S. DAGGETT, A. GREULICH, J. H. VAN DYKE  
E. CRAMER, E. D. HOLTON, H. FESS, Jr.  
H. L. PALMER, G. BARRY, J. B. MARTIN.

P. B. HILL, Secretary, S. S. DAGGETT, President  
J. B. MARTIN, Vice Pres't, M. L. SKINNER, Office Agent

Those desiring insurance on conferring with any authorized Agent in their vicinity, if any, or by writing to the office agent, giving a description of the property insured, will meet with prompt attention.

May, 1857. ti

## Hosford & Seely,

Manufacturers and Dealers in all kinds of SASH, DOORS AND BLINDS

Orders from the country promptly attended to. Can water power Second Ward, Milwaukee, Wis.  
J. W. HOSFORD. [xi vii vi] L. SEELEY.



## J. NAZRO & CO.

121, 123, 125,

Water-St., Milwaukee.

Wholesale and Retail Dealers in  
**HARDWARE!**

AND HOUSE TRIMMINGS,

Whetstone Teeth, Straw Cut-  
ters, and all kinds of

**Farming Tools.**

ALL KINDS OF

**TIN PLATE**

**SHEET IRON,**

COPPER, &c., &c.



## R. HOE & CO'S SAWS,

**WIRE & ROPE  
AXES.**

**SHOVELS AND SPADES,  
IRON & STEEL**

*Blacksmiths', Coopers', Car-  
penters' and Cabinet Makers*

**TOOLS,**  
OF ALL KINDS.

**NAILS, GLASS, WHIPS**

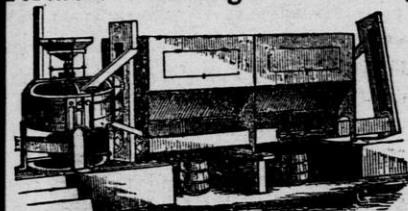
**GUNS & PISTOLS,**

**PLATED FORKS,**

**CUTLERY & SPOONS,**

**Belling and Bells.**

## Portable Grinding and Bolting



## FLOUR MILL.

PRICES, FROM \$400 TO \$900.

Also Corn and Feed Mills of all Sizes, both  
Upper and Under Runners.

**OUR Mills are put up in strong iron  
frames (cast solid). Our Burrs are dressed with Natch-  
es Diamond Point Dress, (Patent), for which we own the  
exclusive right. With this a man may dress his own Burrs,  
without being a practical stone dresser.**

**W. W. HAMER & CO.,**

Sole Manufacturers,

E. corner Second-st. and Western Row, Cincinnati, Ohio.  
N. B.—Circulars sent on application, with postage stamps.  
Mills can be seen running at Factory.

31 VI 17

## Trees for Shelter on the Prairies.

**We solicit the attention of Orchard-  
ists, Nurserymen and farmers in the prairie regions  
of the West, to our immense stock of**

## NORWAY SPRUCE,

the most hardy, rapid growing and beautiful evergreen tree  
and the best adapted for forming belts and screens for the  
protection of gardens, orchards and dwellings in all exposed  
locations.

Our stock embraces all sizes from one to six feet in height,  
recently transplanted, and fitted for safe removal.  
Priced lists for next spring furnished on application, and  
the following catalogues are sent gratis, prepaid, to all who  
reply and enclose one stamp for each:

1.—Descriptive Catalogue of Fruits.

2.—do do of Ornamental trees, &c.

3.—do do of Greenhouse and Seedling  
out plants.

4.—Wholesale or Trade List.

WILLWANGER & BARRY,  
Mount Hope Nurseries, Rochester, N. Y.

**THORBURN'S DESCRIPTIVE ANNUAL  
CATALOGUE** of Kitchen, Garden and Agricultural  
seeds for 1890, is now ready for mailing to applicants in-  
cluding a postage stamp. It contains directions for cultiva-  
tion and other useful information for amateur cultivators.  
and for it.  
all 1891

J. M. THORBURN & CO.,  
15 John-st., New-York.

## '76 NURSERIES, MADISON, WIS.

**FRUIT TREES AND SHRUBS of a su-  
perior quality can be had at our establishment, among  
which are**

10,000 three year old apple trees, two years grafted on whole  
seedling roots, of remarkably fine growth, embracing  
most of the leading varieties, and ten sorts of great  
vigor, hardiness, productiveness, and good quality,  
which have proved well adapted to the Northwest.

50,000 Hedge Plants of Honey Locust (*glutitica triaca-*  
*thus*) one year.

15,000 Timber Locust (or Yellow) one year.

10,000 Timber Trees, American Larch, 2 to 4 years.

5,000 Pie Plants, of many standard sorts.

5,000 Currants, 2 to 4 years, Red and White Dutch.

1,000 Vermorel and Isabella Grape Vines, and other hardy  
sorts.

10,000 Raspberries, red and yellow Antwerp, and black cap

50,000 Strawberry Plants, of choice and well tried varieties,  
viz: Early Scarlet, Prolific Orange, Hovey's Seedling,  
Wilson's Albany, Hooker's, McAvoy's Superior Long-  
worth's Prolific, Necked Pine, Burr's New Pine, Jenny  
Lind, and the Peabody.

5,000 American Seedling Gooseberries (Houghton's) 1 to 3  
years.

In addition to which we have a select assortment of  
**CHOICE APPLE TREES**, from 4 to 6 years growth, and a  
large amount of

**Fruit and Ornamental Shrubs and Plants, suit-  
able for the Spring Trade.**

We would call especial attention to our Stock of fine  
hardy Apple Trees; price \$100 per 1,000—just the size for  
convenient transportation, safe setting, and vigorous grow-  
ing, and to which we can give an uncommon amount of  
good roots, samples of which can be seen at the "Farmer  
Office," and State Agricultural Rooms.

Price List sent on application.

**J. C. PLUMB & CO.**

T. D. PLUMB, Agent.

31 IX

## LEWIS BLAKE,

**JOBBER AND RETAILER OF**

**MILLINERY & FANCY GOODS,**

**EMBROIDERIES, LACES,**

**ALEXANDERS' KID GLOVES,**

**Dress Trimmings, Straw & Silk Hats,**

&c., &c., &c.

**NO. 23, WISCONSIN STREET,**

**MILWAUKEE, - - - - - WISCONSIN.**

# The Wisconsin Farmer,

A SEMI-MONTHLY JOURNAL,  
devoted to Agriculture, Horticulture, &c  
PUBLISHED BY D. J. POWERS & Co.

## TERMS OF SUBSCRIPTION.

SINGLE COPIES, \$1 PER YEAR—SEVEN COPIES, \$6  
—TEN COPIES \$8—FIFTEEN COPIES, \$12—  
TWENTY COPIES, \$15, AND ONE TO THE AGENT

## RATES OF ADVERTISING IN THE FARMER.

NO. OF MONTHS.	1	2	3	4	5	6	7	8	9	10	11	12
12 lines or 1 sq'r	\$2	3	4	5	6	7	8	9	10	11	12	13
2 "	3	4	5	6	7	8	9	10	11	12	13	14
3 "	4	5	6	7	8	9	10	11	12	13	14	15
4 "	5	6	7	8	9	10	11	12	13	14	15	16
5 "	6	7	8	9	10	11	12	13	14	15	16	17
6 "	7	8	9	10	11	12	13	14	15	16	17	18
7 "	8	9	10	11	12	13	14	15	16	17	18	19
8 "	9	10	11	12	13	14	15	16	17	18	19	20
9 "	10	11	12	13	14	15	16	17	18	19	20	21
10 "	11	12	13	14	15	16	17	18	19	20	21	22
11 "	12	13	14	15	16	17	18	19	20	21	22	23
12 "	13	14	15	16	17	18	19	20	21	22	23	24
13 "	14	15	16	17	18	19	20	21	22	23	24	25
14 "	15	16	17	18	19	20	21	22	23	24	25	26
15 "	16	17	18	19	20	21	22	23	24	25	26	27
16 "	17	18	19	20	21	22	23	24	25	26	27	28
17 "	18	19	20	21	22	23	24	25	26	27	28	29
18 "	19	20	21	22	23	24	25	26	27	28	29	30
19 "	20	21	22	23	24	25	26	27	28	29	30	31
20 "	21	22	23	24	25	26	27	28	29	30	31	32
21 "	22	23	24	25	26	27	28	29	30	31	32	33
22 "	23	24	25	26	27	28	29	30	31	32	33	34
23 "	24	25	26	27	28	29	30	31	32	33	34	35
24 "	25	26	27	28	29	30	31	32	33	34	35	36
25 "	26	27	28	29	30	31	32	33	34	35	36	37
26 "	27	28	29	30	31	32	33	34	35	36	37	38
27 "	28	29	30	31	32	33	34	35	36	37	38	39
28 "	29	30	31	32	33	34	35	36	37	38	39	40
29 "	30	31	32	33	34	35	36	37	38	39	40	41
30 "	31	32	33	34	35	36	37	38	39	40	41	42
31 "	32	33	34	35	36	37	38	39	40	41	42	43
32 "	33	34	35	36	37	38	39	40	41	42	43	44
33 "	34	35	36	37	38	39	40	41	42	43	44	45
34 "	35	36	37	38	39	40	41	42	43	44	45	46
35 "	36	37	38	39	40	41	42	43	44	45	46	47
36 "	37	38	39	40	41	42	43	44	45	46	47	48
37 "	38	39	40	41	42	43	44	45	46	47	48	49
38 "	39	40	41	42	43	44	45	46	47	48	49	50
39 "	40	41	42	43	44	45	46	47	48	49	50	51
40 "	41	42	43	44	45	46	47	48	49	50	51	52
41 "	42	43	44	45	46	47	48	49	50	51	52	53
42 "	43	44	45	46	47	48	49	50	51	52	53	54
43 "	44	45	46	47	48	49	50	51	52	53	54	55
44 "	45	46	47	48	49	50	51	52	53	54	55	56
45 "	46	47	48	49	50	51	52	53	54	55	56	57
46 "	47	48	49	50	51	52	53	54	55	56	57	58
47 "	48	49	50	51	52	53	54	55	56	57	58	59
48 "	49	50	51	52	53	54	55	56	57	58	59	60
49 "	50	51	52	53	54	55	56	57	58	59	60	61
50 "	51	52	53	54	55	56	57	58	59	60	61	62
51 "	52	53	54	55	56	57	58	59	60	61	62	63
52 "	53	54	55	56	57	58	59	60	61	62	63	64
53 "	54	55	56	57	58	59	60	61	62	63	64	65
54 "	55	56	57	58	59	60	61	62	63	64	65	66
55 "	56	57	58	59	60	61	62	63	64	65	66	67
56 "	57	58	59	60	61	62	63	64	65	66	67	68
57 "	58	59	60	61	62	63	64	65	66	67	68	69
58 "	59	60	61	62	63	64	65	66	67	68	69	70
59 "	60	61	62	63	64	65	66	67	68	69	70	71
60 "	61	62	63	64	65	66	67	68	69	70	71	72
61 "	62	63	64	65	66	67	68	69	70	71	72	73
62 "	63	64	65	66	67	68	69	70	71	72	73	74
63 "	64	65	66	67	68	69	70	71	72	73	74	75
64 "	65	66	67	68	69	70	71	72	73	74	75	76
65 "	66	67	68	69	70	71	72	73	74	75	76	77
66 "	67	68	69	70	71	72	73	74	75	76	77	78
67 "	68	69	70	71	72	73	74	75	76	77	78	79
68 "	69	70	71	72	73	74	75	76	77	78	79	80
69 "	70	71	72	73	74	75	76	77	78	79	80	81
70 "	71	72	73	74	75	76	77	78	79	80	81	82
71 "	72	73	74	75	76	77	78	79	80	81	82	83
72 "	73	74	75	76	77	78	79	80	81	82	83	84
73 "	74	75	76	77	78	79	80	81	82	83	84	85
74 "	75	76	77	78	79	80	81	82	83	84	85	86
75 "	76	77	78	79	80	81	82	83	84	85	86	87
76 "	77	78	79	80	81	82	83	84	85	86	87	88
77 "	78	79	80	81	82	83	84	85	86	87	88	89
78 "	79	80	81	82	83	84	85	86	87	88	89	90
79 "	80	81	82	83	84	85	86	87	88	89	90	91
80 "	81	82	83	84	85	86	87	88	89	90	91	92
81 "	82	83	84	85	86	87	88	89	90	91	92	93
82 "	83	84	85	86	87	88	89	90	91	92	93	94
83 "	84	85	86	87	88	89	90	91	92	93	94	95
84 "	85	86	87	88	89	90	91	92	93	94	95	96
85 "	86	87	88	89	90	91	92	93	94	95	96	97
86 "	87	88	89	90	91	92	93	94	95	96	97	98
87 "	88	89	90	91	92	93	94	95	96	97	98	99
88 "	89	90	91	92	93	94	95	96	97	98	99	100
89 "	90	91	92	93	94	95	96	97	98	99	100	101
90 "	91	92	93	94	95	96	97	98	99	100	101	102
91 "	92	93	94	95	96	97	98	99	100	101	102	103
92 "	93	94	95	96	97	98	99	100	101	102	103	104
93 "	94	95	96	97	98	99	100	101	102	103	104	105
94 "	95	96	97	98	99	100	101	102	103	104	105	106
95 "	96	97	98	99	100	101	102	103	104	105	106	107
96 "	97	98	99	100	101	102	103	104	105	106	107	108
97 "	98	99	100	101	102	103	104	105	106	107	108	109
98 "	99	100	101	102	103	104	105	106	107	108	109	110
99 "	100	101	102	103	104	105	106	107	108	109	110	111
100 "	101	102	103	104	105	106	107	108	109	110	111	112

## CONTENTS OF THIS NUMBER.

The products of the soil our only substantial source of wealth	19
The lives of North American Insects	20
Western farms, usually too large	21
Every Farmer should have his workshop	22
A new source of Wealth	22
Calves should be raised—not sold	23
Regularity in feeding	23
A witness for boys	23
Farming in St. Croix Co.—Will it pay?	24
Cent-stalks for milch cows	24
What yearling mules are worth in Ken'ue y.	24
Economy of stock feeding	25
A good pig	25
Hon Judge Mason	25
Items from Jackson County	25
The trade in Toads	26

## HORTICULTURAL.

The Waltonian Propagating Case (Illustrated)	27
A tall cabbage	28
To fruit growers	28

## MISCELLANEOUS.


The children's prayer	28
Till breakfast is over	29
Agriculture favorable to mental vigor and the high moral culture	29
Four good habits—Random Gems	30

## FOR THE CHILDREN.

The Sisters—a fable	30
Velocity of sound	30
Colors most frequently hit in battle	30
Amusements for children	30

## EDITOR'S TABLE.

County fairs of '59 attended on invitation, with notes of travel	31
The Legislature elect	32
State appropriations to Co. Agricultural Societies	32
Officers of County Agricultural Societies for 1861	32
Hungarian Grass—Its success	32
The depredations of dogs upon sheep in Ohio	33
Enquiries of correspondents	33
The Weather	33
Our thanks to the Press	33
The Premiums	34
Markets and Prices	34
Fire at Mazomanie	34
Our Premium offers	34
Correspondents of the Farmer	34

 We send the first numbers of the *Farmer* to some old subscribers who have not yet renewed, and to some who have not hitherto been patrons, with the expectation that they will subscribe, and get their neighbors to do

the same. Any thus receiving numbers that do not wish to become subscribers, will oblige us by apprising us of the fact.

## ADVERTISEMENT NOTICES.

*The Madison Mutual Insurance Company*—See their Annual Report. It certainly shows well, and what is better, we personally know that it is well, and sound to the core, and in good hands for the future. Farmers and those having good property, cannot insure in a better company. Its rates are low, and its mode of transacting business prompt, as will be seen by the testimonials of parties that have sustained losses, appended to the advertisement.

The old *Aetna* will also be found advertised in our pages. As all the world knows, it is one of the best *stock* companies in the country; insures reasonable, and always pays its losses.

*Machinists and Founders*—See advertisement of Mendota Foundry and Machine Shop for sale. It is an excellent opportunity for enterprising parties, with a small capital, to do a profitable business, and to build up a first class establishment for the future.

*J. C. Plumb* advertises choice fruit trees and nursery stock for the spring trade. He has the finest growth of three year old apple trees that we have often seen, with roots almost as large as the tops. A specimen may be seen in our office.

Also notice all the other advertisements, each according to their tastes and interests. They will usually be found to relate to important matters.

## For Sale at a Great Bargain!

## WISCONSIN FARMER.—ADVERTISING DEPARTMENT.

### FARMER'S INSURANCE CO.

### REPORT

OF THE

### Madison Mutual Insurance Comp'ny

made to the Governor of the State of Wisconsin, as required by the provisions of Chapter 108 of the General Laws of 1855.

Total amount of a cumulations.....\$39,050 95

#### ASSETS.

Premium Notes of policy holders.....	\$35,462 46
Cash on hand and due from agents.....	2,956 02
Amount due secured by mortgage and in judgment, .....	332 47
Office furniture and fixtures .....	300 00
	\$39,050 95

Whole number of Policies issued.....	4507
Amount of outstanding risks thereon.....	\$2,409,950 49
Amount of losses adjusted and unpaid.....	None.
Amount of losses unadjusted and unpaid.....	None.

Number of Policies issued in 1859.....	1187
Amount of outstanding risk thereon.....	\$1,140,076 00
Amount of Premium Notes rec'd thereon.....	17,109 83
Amount of cash premium rec'd thereon.....	11,059 04
Amount of losses paid (12 in number,).....	2,409 45
Amount of commissions paid Agents.....	3,317 70
Amount of expenses paid including all compensation of officers, printing, advertising, rent, postage, furniture, and all other incidental expenses.....	8,317 51

#### LOSSES PAID IN 1859.

Feb. 23—Loss of S. H. Coleman, Juneau, Dodge Co.	\$10 00
do do J. W. Seaman, Richland City, Richland Co.	10 00
April 23—Loss of Fannie Plummer, Mauston, Juneau Co.	15 00
August 27—Loss of George F. Taylor, Madison, Dane Co.	15 50
August 27—Loss of Nelson Sickles, Waterloo, Jefferson Co.	690 23
Oct. 31—Loss of A. L. Beebe, Dunn, Dane Co.	650 00
Nov 25—Loss of J. B. Barber, Juneau, Dodge Co.	63 00
do do Jas. K. Main, do do	408 57
do do Thos. Mayhew, Merton, Waukesha Co.	27 00
Dec. 21—Loss of W. N. Seymour, Madison, Dane Co.	20 00
Dec. 23—Loss of Wm. Edwards, Sugar Creek, Wauworth Co.	400 00
Dec. 23—Loss of Leonard Hatch, Kenosha, Kenosha Co.	100 00
	\$2,409 45

The officers of the MADISON MUTUAL FIRE INSURANCE COMPANY, for the year 1860, are as follows:

#### DIRECTORS.

N. W. Dean,	D. J. Powers,
B. F. Hopkins,	GEO. F. Hastings,
James Morrison,	William Dudley,
C. C. Washburne,	G. F. Taylor,
J. W. Ely,	H. H. Giles,
S. H. Vandercook,	David Atwood,

L. W. Hoyt,

#### OFFICERS.

N. W. DEAN.....	President.
N. J. POWERS.....	Vice President.
DAVID ATWOOD.....	Sec'y and Treas.
GEO. F. HASTINGS.....	General Agent.

As will be seen by the above Report, the Company has done a very successful business during the past year, notwithstanding the extreme hard times. The condition of the Company was never more prosperous. After paying every loss, and every item of indebtedness, there is still a surplus of \$2,956 02 in hand and due from Agents; and this has all been accomplished from the receipts of the business, without a resort to any assessment upon the premium notes held by the Company. Such a result, in a year of extreme financial embarrassment, must be gratifying to every member of the Company. The Company has been in operation nine years; and made but two small assess-

ments. Let farmers, desiring insurance on a cheap and safe company, examine the figures in the above Report.

**Reasons why Homestead Property should be Insured in this Company:**

1. It is a Wisconsin institution, located at the Capital of the State, thus affording every facility for members to institute inquiry into its business operations, and for the settlement of losses through their representatives in the Legislature and State officers.

2. It is a Mutual Company, thus affording cheaper rates and greater security than can be obtained in Stock Companies.

3. Its capital stock consists of the premium notes of the parties insured, and cannot be squandered by corrupt officers, or become the basis of speculation to the managers; but can only be called in to pay losses and other absolutely necessary expenses; while Stock Companies receive the full amount of premium in advance, and often invest it in stocks which are liable to become worthless, causing general embarrassment to the companies, and rendering unsafe the insured.

4. It confines its operations to the State of Wisconsin; and to the insurance of Farm Property, and strictly isolated buildings, with their contents, in villages and cities.

5. It is an old company—its affairs have always been economically managed, and its losses paid without litigation, and without unnecessary delay.

6. It is under the control of the insured parties, each one having a vote in the choice of its officers, at the commencement of every year, either in person or by proxy.

7. It pays no stated salaries to its officers; but pays for all services according to the amount of labor performed.

8. It will refund to any person insuring for a longer time than one year, all moneys received from them, less the regular rates for the time they are insured, and \$1.50 paid Agents for survey and policy, and the policy will be cancelled.

9. It will pay all damage caused by the effect of lightning to property insured, whether the building is burned or otherwise damaged, not exceeding the amount insured.

10. It will not insure over hazardous property, believing, as it does, that the homes of our families should not be liable to be taxed to pay losses incurred on property in the hands of reckless speculators, not only subject to fire and lightning, but to wind and water, as well as the torch of the incendiary, so often applied in cities and commercial towns.

DAVID ATWOOD, Secretary.

G. F. HASTINGS, General Agent.

Madison, January 7, 1860.

XII II

OFFICE IN BRUEN'S BLOCK, MADISON, WIS.

#### TESTIMONIALS

**Of a few of Those who have suffered Losses during the past Year.**

SUGAR CREEK, Dec 24th, '59.

DAVID ATWOOD, Esq.,

Sec'y Madison Mutual Insurance Co.

Dear Sir:—I hereby acknowledge the receipt of four hundred dollars, it being the amount due me in full for the loss sustained by the burning of my house, which took place on the thirtieth day of last October, and was insured in the Madison Mutual Insurance Company for the term of five years, and for the prompt and liberal manner you have paid me my loss I feel truly gratified, and would cordially recommend your company to all wanting insurance in this State. Believing, as I do, that your company is sound and reliable—just such a company as we need—one that will pay its losses without unnecessary delay or assessments, when assessments can be avoided.

Very Respectfully Yours,

WM. EDWARDS.

By S. H. TIMBES.

KENOSHA, Dec. 23d, '59.

DAVID ATWOOD, Esq.,

Sec'y Madison Mutual Insurance Co.

Dear Sir:—I acknowledge the receipt of one hundred dollars in full for damage and loss sustained by me in the burning of my barn on the 12th day of last October, which was insured in the Madison Mutual Insurance Company, and from the liberal and prompt course the company, through its officers, has taken in



## WISCONSIN FARMER.—ADVERTISING DEPARTMENT.

adjusting and paying me my loss, I feel it my duty to recommend the company to all that want insurance.  
LEONARD HATCH.

JUNEAU, Nov. 21st, '59.

DAVID ATWOOD, Esq.,  
Sec'y Madison Mutual Insurance Co.

Dear Sir:—I hereby acknowledge the receipt of four hundred and three and 67-100 dollars, being the full amount due me from the Madison Mutual Insurance Company for my house and contents, which was consumed by fire on the 27th day of last September, and was insured in the said company. For the liberal and honorable course that your General Agent and executive committee have taken in adjusting, settling and paying me my loss, I feel truly grateful, and would most cordially recommend your company to all.  
Very Respectfully Yours,  
TAMES K. MAIN.

JUNEAU, Nov. 21st, '59.

DAVID ATWOOD, Esq.,  
Sec'y Madison Mutual Insurance Co.

Dear Sir:—I hereby acknowledge the receipt of sixty-eight dollars and twenty-five cents, being the full amount due me for damage done to my house and personal property therein by fire, which occurred on the 18th inst., and was insured in the Madison Mutual Insurance Company; and for the prompt and honorable course that the company has taken in adjusting and paying me for my loss, believing, as I do, that the company are perfectly sound and reliable, and further, well knowing, as I do, some of its present most active officers and Board of Trustees to be men of experience in this most important business, I would most cordially recommend the Madison Mutual Insurance Company to all wanting insurance.

Respectfully Yours,  
J. B. BARBER

MERTON, WAUKESHA Co., Wis.,  
November 11th, 1859.

To DAVID ATWOOD, Esq.

Dear Sir:—This certifies that the Madison Mutual Insurance Company has this day settled with me as regards my loss by fire to my entire satisfaction.

And the course the said company has taken in adjusting and settling the same, and believing that the said company is honest, sound and reliable, I would most cheerfully recommend the same to all wanting insurance.

Yours Respectfully,  
THOMAS MAYHEW, Jr.

DUNN, Oct. 31, 1859.

DAVID ATWOOD, Esq.,  
Sec'y Madison Mutual Insurance Co.

Dear Sir:—I acknowledge, with much pleasure, the receipt of six hundred and fifty dollars, being the full amount of the insurance upon my house that was destroyed by fire on the 12th of September last. For the prompt and satisfactory manner in which this loss has been arranged by the Madison Mutual Insurance Company, I feel truly grateful, and would cheerfully recommend that company to all desiring insurance, as being safe and reliable, and from whose officers all persons doing business with it will receive prompt and gentlemanly treatment.

Yours Respectfully,  
A. L. BEEBE.

WATERLOO, Aug. 29, 1859.

Mr. DAVID ATWOOD,  
Sec'y Madison Mutual Insurance Co.:

I acknowledge the receipt of six hundred and ninety dollars and thirty-eight cents, being amount of loss sustained by the burning of my barn on the 3d inst., which barn was insured in the Madison Mutual Insurance Company. For the prompt and satisfactory manner in which this loss has been settled and paid, I feel truly grateful, and would most cordially recommend this company to all desiring insurance, believing it to be one in which the public may rely with perfect confidence as being sound and reliable, and from whose officers, all persons doing business with it, will receive gentlemanly treatment.

Yours truly,  
NELSON SICKLES.

## THE NEW-YORK TRIBUNE.

is printed on a large Imperial sheet, and published every morning and evening (Sundays excepted.) It contains Ed-

itorial on the topics of the times, employing a large corps of the best newspaper writers of the day; Domestic and Foreign Correspondence; Proceedings of Congress; Reports of Lectures; City News; Cattle, Horse, and Produce Markets; Reviews of Books; Literary Intelligence; Papers on Mechanics and the Arts, &c., &c. We strive to make THE TRIBUNE a newspaper to meet the wants of the public.—Telegraphic news alone costing over \$15,000 per annum.

### TERMS:

THE DAILY TRIBUNE is mailed to subscribers at \$6 per annum, in advance; \$3 for six months.

### THE NEW-YORK SEMI-WEEKLY TRIBUNE

is published every Tuesday and Friday, and contains all the Editor's of the Daily, with the Cattle, Horse, and General Markets, reliably reported expressly for THE TRIBUNE; Foreign and Domestic Correspondence; and during the sessions of Congress it contains a summary of Congressional doings, with the more important speeches. We shall, as heretofore, make THE SEMI-WEEKLY TRIBUNE a Literary, as well as a political newspaper, and we are determined that it shall remain in the front rank of family papers.

One Copy, one year...\$3 | Five Copies, one year...\$15  
Two Copies one year. 5 | Ten " to one address. 30  
Ten Copies, or over, to address of each subscriber, \$2.50 each.

Any person sending us a club of twenty, or over, will be entitled to an extra copy. For a club of fifty, we will send the Daily Tribune one year.

THE SEMI-WEEKLY TRIBUNE is sent to legation at \$2 per annum.

### THE NEW-YORK WEEKLY TRIBUNE,

a large eight-page paper for the country, is published every Saturday, and contains Editorials on the important topics of the times, the news of the week, interesting correspondence from all parts of the world, the New York Cattle, Horse, and Produce Markets, interesting and reliable Political, Mechanical and agricultural articles, &c., &c.

We shall, during this year, as hitherto, constant labor to improve the quality of the instructive entertainment afforded by THE WEEKLY TRIBUNE, which, we intend, shall continue to be the best Family Weekly Newspaper published in the World. We consider the Cattle Market Reports alone richly worth to cattle raisers a year's subscription price.

### TERMS:

One Copy, one year...\$2 | Five Copies, one year...\$10  
Three Copies, one year...5 | Ten Copies, one year...15  
Twenty Copies, to one address...30  
and any larger number, \$1 each.  
Twenty Copies, to address of each subscriber...30  
and any larger number at \$1.20 each.

Any person sending us a club of Twenty, or more, will be entitled to an extra copy. For a club of forty, we will send the Semi-Weekly Tribune; and for a club of one hundred the Daily Tribune will be sent gratis. We continue to send THE WEEKLY TRIBUNE to Clergymen for \$1.

Subscriptions may commence at any time. Terms always cash in advance. All letters addressed to

HORACE GREELEY & Co., Tribune Buildings,  
111 Nassau-st., New-York.

### Waukegan Nurseries.

A Plat of 60,000 APPLE TREES, fine and thrifty, three to four years old from graft, for sale at a bargain, with or without a lease of the land on which they are growing.  
Also Apple Trees, Currants, Gooseberries, Lawton and Dorchester Blackberries, &c., at very low rates, by the Thousand.

A general assortment of Fruit and Ornamental Trees, Evergreens, Shrubs, Roses, &c., at wholesale and retail. Catalogues gratis.  
ROBERT DOUGLAS,  
x115 Waukegan, Ill., on Chicago & Milwaukee R. R.

WISCONSIN FARMER.—ADVERTISING DEPARTMENT.

# FARMERS, SAVE YOUR HAY & FODDER! BY CUTTING IT BEFORE FEEDING!

THE COMBINED HAND AND HORSE POWER

## CLIMAX

### HAY, STRAW, & CORN-STALK CUTTER!

IS NOW COMPLETE IN ALL ITS IMPROVEMENTS over all other First Class Machines. It is as perfect as a Feed Cutter as Fairbanks' Scales is as a Weigher. They are now being extensively manufactured at Madison, and other places in the State, and are meeting with a rapid sale to the best Farmers, Stock Feeders and Livery Stable Men to any and all who have used them we would refer parties wishing to purchase. We will warrant the Climax Machine to cut from three to five times as much of any kind of forage, with the same power, and with equal ease, as any of the cheap wooden machines, and to outlast a hundred of them. With careful usage the "Climax Cutter" will last a life time, and twice or thrice pay for itself every year. Hence there is no machine so cheap to the purchaser.

PRICE \$35.

The above Machines will from this date be sold at reduced price, when ordered directly from me, for the purpose of closing out the business of the year.

Madison, Oct. 20th, 1859

XI XI 17

D. J. POWERS,  
Wisconsin Farmer Office, Madison, Wis.

# FARMERS! ARE YOU INSURED?



INCORPORATED  
1819.  
Charter Perpetual.

E. G. RIPLEY, President.  
T. A. ALEXANDER, Vice Pres't.  
THO'S K. BRACE, Jr. Secretary.  
J. B. BENNETT,  
General Agent, Cincinnati, Oh'io.

CASH CAPITAL, - - - - - ONE MILLION DOLLARS!  
Capital and Surplus, - - - - - \$2,030,423-80.

THIS old established Company gives especial attention to the insurance of

Farm Buildings, Barns and Out Buildings, Furniture, Grain, Stock, &c.,

for terms of 1 to 5 years. For this class of property, a scale of rates has been fixed low enough to enable every farmer to insure his property. Dwellings, stores, warehouses, taverns, manufactories, &c., insured as low as is consistent with solvency and fair profits.

LOSSES EQUITABLY ADJUSTED AND PROMPTLY PAID.

UPWARDS OF \$12,000,000 of Losses have been paid by the Etna Insurance Co., in the past forty years.

Agencies in all the principal cities and towns throughout the State. Policies issued without delay, by any of the following duly authorized Agents of the Company. Apply to the nearest local agent.

W. H. WYMAN, State Agent, Madison.

Baraboo.....	H. H. POTTER.	Hudson.....	S. CURTIS SIMONDS.	Portage.....	D. VANDERCOOK.
Brodhead.....	E. A. McNAIR.	Janesville.....	H. W. COLLINS.	Prescott.....	P. V. WISE.
Beloit.....	T. L. WRIGHT.	Kenosha.....	L. G. MERRILL.	Potosi.....	J. W. SEATON.
Berlin.....	J. H. TURNER.	La Crosse.....	THEO. RODOLF.	Prairie du Chien.....	IEA B. BRUNSON.
Beaver Dam.....	G. S. REDFIELD.	Mauston.....	JOHN TURNER.	Racine.....	DURANDA SEYMOUR.
Chippewa Falls.....	JAMES A. TAYLOR.	Menasha.....	F. W. PERRY.	Ripon.....	H. L. EGGLESTON.
Columbus.....	E. W. CHADBOURN.	Madison.....	W. H. WYMAN.	Reedsburg.....	WM. HASKELL.
Delavan.....	N. M. HARRINGTON.	Milwaukee.....	W. H. HOLLAND.	Shelbourn.....	EUGENE OARY.
Darlington.....	W. H. ALLYN.	Mineral Point.....	R. L. READ.	Shullsburg.....	M. HOLLISTER.
Degertown.....	R. S. FASSETT.	Manitowoc.....	S. A. WOOD.	Stevens Point.....	WILLIAM McNAIR.
Elkhorn.....	J. A. PERRY.	Monroe.....	E. A. WEST.	Stoughton.....	S. T. BUCKMAN.
Elm Claire.....	H. C. PUTNAM.	Mazomanie.....	S. E. WATERHOUSE.	Sparta.....	SAMUEL McCORD.
Fox Lake.....	G. W. BURCHARD.	Kilbourn.....	G. VANSTEENWYCK.	Superior.....	WM. R. PERRY.
Fond du Lac.....	W. T. GIBSON.	Neenah.....	C. O. TOWNSEND.	Watertown.....	J. A. HALL.
Fort Atkinson.....	N. F. HOPKINS.	New Lisbon.....	RICHARD SMITH.	Waukesha.....	WM. R. PERRY.
Geneva.....	E. D. RICHARDSON.	Oshkosh.....	C. H. BRUSH.	Waupaca.....	WINFIELD SCOTT.
Grand Rapids.....	POWERS & LANG.	Ozaukee.....	S. A. WHITE.	Weyauwega.....	JNO. FORDYCE.





# WISCONSIN FARMER



VOL. 12.

MADISON, FEBRUARY 1, 1860.

NO. 3.

## The Wisconsin Farmer,

A SEMI-MONTHLY JOURNAL,  
Devoted to Agriculture, Horticulture, &c  
PUBLISHED BY D. J. POWERS & Co.

### TERMS OF SUBSCRIPTION.

Single Copies, \$ per year—Seven Copies, \$6  
—Ten Copies, \$8—Fifteen Copies, \$12—  
Twenty Copies, \$15, and one to the Agent.

### RATES OF ADVERTISING IN THE FARMER.

NO. OF MONTHS.	1	2	3	4	5	6	7	8	9	10	11	12
12 lines or 1 sq'r	\$2	3	4	5	6	7	8	9	10	11	12	13
2 "	3	4	5	6	7	8	9	10	11	12	13	14
3 "	4	5	6	7	8	9	10	11	12	13	14	15
4 "	5	6	7	8	9	10	11	12	13	14	15	16
5 "	6	7	8	9	10	11	12	13	14	15	16	17
6 "	7	8	9	10	11	12	13	14	15	16	17	18
7 "	8	9	10	11	12	13	14	15	16	17	18	19
8 "	9	10	11	12	13	14	15	16	17	18	19	20
9 "	10	11	12	13	14	15	16	17	18	19	20	21
10 "	11	12	13	14	15	16	17	18	19	20	21	22
11 "	12	13	14	15	16	17	18	19	20	21	22	23
12 "	13	14	15	16	17	18	19	20	21	22	23	24
13 "	14	15	16	17	18	19	20	21	22	23	24	25
14 "	15	16	17	18	19	20	21	22	23	24	25	26
15 "	16	17	18	19	20	21	22	23	24	25	26	27
16 "	17	18	19	20	21	22	23	24	25	26	27	28
17 "	18	19	20	21	22	23	24	25	26	27	28	29
18 "	19	20	21	22	23	24	25	26	27	28	29	30
19 "	20	21	22	23	24	25	26	27	28	29	30	31
20 "	21	22	23	24	25	26	27	28	29	30	31	32
21 "	22	23	24	25	26	27	28	29	30	31	32	33
22 "	23	24	25	26	27	28	29	30	31	32	33	34
23 "	24	25	26	27	28	29	30	31	32	33	34	35
24 "	25	26	27	28	29	30	31	32	33	34	35	36
25 "	26	27	28	29	30	31	32	33	34	35	36	37
26 "	27	28	29	30	31	32	33	34	35	36	37	38
27 "	28	29	30	31	32	33	34	35	36	37	38	39
28 "	29	30	31	32	33	34	35	36	37	38	39	40
29 "	30	31	32	33	34	35	36	37	38	39	40	41
30 "	31	32	33	34	35	36	37	38	39	40	41	42
31 "	32	33	34	35	36	37	38	39	40	41	42	43
32 "	33	34	35	36	37	38	39	40	41	42	43	44
33 "	34	35	36	37	38	39	40	41	42	43	44	45
34 "	35	36	37	38	39	40	41	42	43	44	45	46
35 "	36	37	38	39	40	41	42	43	44	45	46	47
36 "	37	38	39	40	41	42	43	44	45	46	47	48
37 "	38	39	40	41	42	43	44	45	46	47	48	49
38 "	39	40	41	42	43	44	45	46	47	48	49	50
39 "	40	41	42	43	44	45	46	47	48	49	50	51
40 "	41	42	43	44	45	46	47	48	49	50	51	52
41 "	42	43	44	45	46	47	48	49	50	51	52	53
42 "	43	44	45	46	47	48	49	50	51	52	53	54
43 "	44	45	46	47	48	49	50	51	52	53	54	55
44 "	45	46	47	48	49	50	51	52	53	54	55	56
45 "	46	47	48	49	50	51	52	53	54	55	56	57
46 "	47	48	49	50	51	52	53	54	55	56	57	58
47 "	48	49	50	51	52	53	54	55	56	57	58	59
48 "	49	50	51	52	53	54	55	56	57	58	59	60
49 "	50	51	52	53	54	55	56	57	58	59	60	61
50 "	51	52	53	54	55	56	57	58	59	60	61	62
51 "	52	53	54	55	56	57	58	59	60	61	62	63
52 "	53	54	55	56	57	58	59	60	61	62	63	64
53 "	54	55	56	57	58	59	60	61	62	63	64	65
54 "	55	56	57	58	59	60	61	62	63	64	65	66
55 "	56	57	58	59	60	61	62	63	64	65	66	67
56 "	57	58	59	60	61	62	63	64	65	66	67	68
57 "	58	59	60	61	62	63	64	65	66	67	68	69
58 "	59	60	61	62	63	64	65	66	67	68	69	70
59 "	60	61	62	63	64	65	66	67	68	69	70	71
60 "	61	62	63	64	65	66	67	68	69	70	71	72
61 "	62	63	64	65	66	67	68	69	70	71	72	73
62 "	63	64	65	66	67	68	69	70	71	72	73	74
63 "	64	65	66	67	68	69	70	71	72	73	74	75
64 "	65	66	67	68	69	70	71	72	73	74	75	76
65 "	66	67	68	69	70	71	72	73	74	75	76	77
66 "	67	68	69	70	71	72	73	74	75	76	77	78
67 "	68	69	70	71	72	73	74	75	76	77	78	79
68 "	69	70	71	72	73	74	75	76	77	78	79	80
69 "	70	71	72	73	74	75	76	77	78	79	80	81
70 "	71	72	73	74	75	76	77	78	79	80	81	82
71 "	72	73	74	75	76	77	78	79	80	81	82	83
72 "	73	74	75	76	77	78	79	80	81	82	83	84
73 "	74	75	76	77	78	79	80	81	82	83	84	85
74 "	75	76	77	78	79	80	81	82	83	84	85	86
75 "	76	77	78	79	80	81	82	83	84	85	86	87
76 "	77	78	79	80	81	82	83	84	85	86	87	88
77 "	78	79	80	81	82	83	84	85	86	87	88	89
78 "	79	80	81	82	83	84	85	86	87	88	89	90
79 "	80	81	82	83	84	85	86	87	88	89	90	91
80 "	81	82	83	84	85	86	87	88	89	90	91	92
81 "	82	83	84	85	86	87	88	89	90	91	92	93
82 "	83	84	85	86	87	88	89	90	91	92	93	94
83 "	84	85	86	87	88	89	90	91	92	93	94	95
84 "	85	86	87	88	89	90	91	92	93	94	95	96
85 "	86	87	88	89	90	91	92	93	94	95	96	97
86 "	87	88	89	90	91	92	93	94	95	96	97	98
87 "	88	89	90	91	92	93	94	95	96	97	98	99
88 "	89	90	91	92	93	94	95	96	97	98	99	100
89 "	90	91	92	93	94	95	96	97	98	99	100	101
90 "	91	92	93	94	95	96	97	98	99	100	101	102
91 "	92	93	94	95	96	97	98	99	100	101	102	103
92 "	93	94	95	96	97	98	99	100	101	102	103	104
93 "	94	95	96	97	98	99	100	101	102	103	104	105
94 "	95	96	97	98	99	100	101	102	103	104	105	106
95 "	96	97	98	99	100	101	102	103	104	105	106	107
96 "	97	98	99	100	101	102	103	104	105	106	107	108
97 "	98	99	100	101	102	103	104	105	106	107	108	109
98 "	99	100	101	102	103	104	105	106	107	108	109	110
99 "	100	101	102	103	104	105	106	107	108	109	110	111
100 "	101	102	103	104	105	106	107	108	109	110	111	112

## Flower Seeds for the Million.

WE Publish on the 1st of February a new descriptive CATALOGUE OF FLOWER SEEDS, containing over 1,000 standard and beautiful varieties, as well as all the novelties of the day, with directions for cultivation.

We send by mail, post paid, and our own selection,—  
25 varieties choice Flower Seeds for \$1 00,  
50 varieties choice Flower Seeds for 2 00,  
100 varieties choice Flower Seeds for 4 00.

J. M. THORBURN & CO.,  
15 John St., New York.

12 3 1m]

## Seeds at Wholesale.

OUR NEW TRADE CATALOGUES of Garden, Field, Flower and Tree Seeds for 1860, are now ready for mailing to all dealers inclosing a postage stamp.

Our Stock of Seeds is the finest and most extensive ever offered in this country; and to parties requiring them in large quantities we offer unusual inducements.

J. M. THORBURN & CO.,  
15 John-st., New-York.

12 3 1m]

### HERRING'S PATENT

## FIRE AND BURGLAR PROOF SAFES,

WITH HALL'S PATENT POWDER-PROOF LOCKS, HAVE NEVER FAILED in more than three hundred disastrous Fires.

### THE SAFEST AND BEST SAFE IN USE.

Delivered to any Railroad Station in the United States or Canada, at the very lowest rates, by

JAMES G. DUDLEY, Sole Agent,  
at 93 Main Street, Buffalo, N. Y.

12 3

## Prizes! Prizes! Prizes!

WHO WILL HAVE THEM?

## Great Inducements to Agents!!

IN order to secure extra efforts for the circulation of the *Farmer*, the following LIBERAL PREMIUMS are offered to Agents until March 1st:

For the highest number of Subscribers, not less than 100, a Sewing Machine worth..... \$50 00  
For the next highest number, not less than 75, Agricultural Books to be selected by the Agent from C. M. Saxton & Co.'s Catalogue to the value of.... 30 00  
For next highest list, not less than 60, a Raymond Sewing Machine (\$10) and complete set of *Farmers* bound, (\$5)..... 15 00  
For each of the five highest lists, not less than 50, a set of silver spoons worth..... 5 00  
For each of the highest lists, not less than 40, last four vols. *Farmer*, handsomely bound,..... 4 00  
Subscriptions taken at Club Rates on the above, 75 cents per copy,

### Invariably in Advance.

Friends of Agricultural Enterprise, who of you is there that will not make an effort for some of the foregoing premiums?

Any thorough going man who lives in an ordinarily populous neighborhood, can raise the largest list in two weeks, by going actively about it; and if not in one neighborhood it can be done in two or three. Well directed and persevering effort is what wins. Try it, you who have little else to do during the leisure of winter. And if you should not win the first prize, you may the second or third, either of which is well worth having.

Even those that get up their forty may win a complete bound set of the *Farmer* for the last four years, a valuable little library in itself on Agriculture and Horticulture.

And then it will not be forgotten that the satisfaction of having done something for the diffusion of knowledge and the consequent agricultural improvement of the State, will of itself be no small compensation.

### GREAT INDUCEMENTS FOR CLUBBING.

THE FARMER AND THE N. Y. SEMI-WEEKLY TRIBUNE, One Year..... \$3 00  
THE FARMER AND THE N. Y. WEEKLY TRIBUNE, One Year.....

# FARMERS' INSURANCE COMPANY.

## REPORT OF THE MADISON MUTUAL INSURANCE CO.,

Made to the Governor of the State of Wisconsin, as required by the provisions of Chapter 103 of the General Laws of 1850.

Total amount of accumulations .....	\$19,080 85
<b>ASSETS.</b>	
Premium Notes of policy holders.....	\$35,462 46
Cash on hand and due from agents.....	2,956 02
Amount due secured by mortgage and in judgment.....	832 47
Office furniture and fixtures.....	800 00
	<hr/> \$39,030 95

Whole number of Policies issued.....	4907
Amount of outstanding risks thereon.....	\$2,469,950 49
Amount of losses adjusted and unpaid.....	None.
Amount of losses unadjusted and unpaid.....	None.
Number of Policies issued in 1859.....	1187
Amount of outstanding risk thereon.....	\$1,140,076 00
Amount of Premium Notes rec'd thereon.....	17,109 82
Amount of cash premium rec'd thereon.....	11,050 04
Amount of losses paid (12 in number).....	2,409 45
Amount of commissions paid Agents.....	8,317 70
Amount of expenses paid including all com- pensation of office's, printing, advertising, rent, postage, furniture, and all other in- cidental expenses.....	8,317 51

### STATE OF WISCONSIN, } ss. DANE COUNTY, }

We, the undersigned, being the President and a majority of the Directors of the *Madison Mutual Insurance Company*, do solemnly swear, and each for himself saith, that the foregoing is a true and correct statement of the affairs of said Company, in the particulars therein named, as appears by the books of said Company, according to the best of their knowledge and belief.

N. W. DEAN, President.  
D. J. POWERS, Vice Pres.  
DAVID ATWOOD, Secretary.  
GEO. F. HASTINGS, Director.  
B. F. HOPKINS, do.  
WM. DUDLEY, do.  
JAMES MORRISON, do.

Subscribed and sworn to before me this 6th day of January, 1860.

T. D. PLUMB,  
Notary Public, Dane Co., Wis.

### LOSSES PAID IN 1859.

Feb. 28—Loss of S. H. Coleman, Juneau, Dodge Co.	\$10 00
do do J. W. Seaman, Richland City, Richland Co.....	10 00
April 22—Loss of Fannie Plummer, Mauston, Juneau Co.....	15 00
August 27—Loss of George F. Taylor, Madison, Dane Co.....	15 50
August 27—Loss of Nelson Sickles, Waterloo, Jefferson Co.....	699 28
Oct. 31—Loss of A. L. Beebe, Dunn, Dane Co.....	650 00
Nov 25—Loss of J. B. Barber, Juneau, Dodge Co.....	68 00
do do Jas. K. Main, do do .....	408 57
do do Thos. Mayhew, Merton, Waukesha Co.....	27 60
Dec. 21—Loss of W. N. Seymour, Madison, Dane Co.....	20 00
Dec. 23—Loss of Wm. Edwards, Sugar Creek, Walworth Co.....	400 00
Dec. 33—Loss of Leonard Hatch, Kenosha, Kenosha Co.....	100 00
	<hr/> \$3,409 45

As will be seen by the above Report, the Company has done a very successful business during the past year, notwithstanding the extreme hard times. The condition of the Company was never more prosperous. After paying every loss, and every item of indebtedness, there is still a surplus of \$3,956 02 in hand and due from Agents; and

this has all been accomplished from the receipts of the business, without a resort to any assessment upon the premium notes held by the Company. Such a result, in a year of extreme financial embarrassment, must be gratifying to every member of the Company. The Company has been in operation nine years, and made but two small assessments. Let farmers, desiring insurance on a cheap and safe company, examine the figures in the above Report.

The officers of the MADISON MUTUAL FIRE INSURANCE COMPANY, for the year 1860, are as follows:

### DIRECTORS.

N. W. Dean, D. J. Powers,  
B. F. Hopkins, Geo. F. Hastings,  
James Morrison, William Dudley,  
C. C. Washburne, G. F. Taylor,  
J. W. B. yd, H. H. Giles,  
S. H. Vandercook, David Atwood,

### L. W. Hoy,

### OFFICERS.

N. W. DEAN, President.  
D. J. POWERS, Vice President.  
DAVID ATWOOD, Sec'y and Treas.  
GEO. F. HASTINGS, General Agent.

**Reasons why Homestead Property should be Insured in this Company:**

1. It is a Wisconsin Institution, located at the Capital of the State, thus affording every facility for members to institute inquiry into its business operations, and for the settlement of losses through their representatives in the Legislature and State officers.
2. It is a Mutual Company, thus affording cheaper rates and greater security than can be obtained in Stock Companies.
3. Its capital stock consists of the premium notes of the parties insured, and cannot be squandered by corrupt officers, or become the basis of speculation to the managers; but can only be called in to pay losses and other absolutely necessary expenses; while Stock Companies receive the full amount of premium in advance, and often invest it in stocks which are liable to become worthless, causing general embarrassment to the companies, and rendering unsafe the insured.
4. It confines its operations to the State of Wisconsin; and to the insurance of Farm Property, and strictly isolated buildings, with their contents, in villages and cities.
5. It is an old company—its affairs have always been economically managed, and its losses paid without litigation, and without unnecessary delay.
6. It is under the control of the insured parties, each one having a vote in the choice of its officers, at the commencement of every year, either in person or by proxy.
7. It pays no stated salaries to its officers; but pays for all services according to the amount of labor performed.
8. It will refund to any person insuring for a longer time than one year, all moneys received from them, less the regular rates for the time they are insured, and \$1.50 paid Agents for survey and policy, and the policy will be cancelled.
9. It will pay all damage caused by the effect of lightning to property insured, whether the building is burned or otherwise damaged, not exceeding the amount insured.
10. It will not insure over hazardous property, believing, as it does, that the homes of our families should not be liable to be taxed to pay losses incurred on property in the hands of reckless speculators, not only subject to fire and lightning, but to wind and water, as well as the torch of the incendiary, so often applied in cities and commercial towns.

DAVID ATWOOD, Secretary.

G. F. HASTINGS, General Agent.

Madison, January 7, 1860.

OFFICE IN BRUN'S BLOCK, MADISON, WIS.



## E. J. HAZRO & CO.

121, 123, 125,

East Water-St., Milwaukee.

Wholesale and Retail Dealers in

### HARDWARE!

AND HOUSE TRIMMINGS,

Collector Teeth, Straw Out-  
ters, and all kinds of

### Farming Tools.

ALL KINDS OF

TIN PLATE

SHEET IRON,

COPPER, &c., &c.



R. HOE & CO'S  
**SAWS,**  
**WIRE & ROPE**  
**AXES.**  
SHOVELS AND SPADES,  
**IRON & STEEL**  
*Blacksmiths', Coopers', Cur-  
penters' and Cabinet Makers*  
**TOOLS.**  
OF ALL KINDS.  
**NAILS, GLASS, WHIPS**  
**GUNS & PISTOLS.**  
**PLATED FORKS.**  
**CUTLERY & SPOONS,**  
**Belting and Bells.**

## '76 NURSERIES,

MADISON, WIS.

**FRUIT TREES AND SHRUBS** of a su-  
perior quality can be had at our establishment, among  
which are

10,000 three year old apple trees, two years grafted on whole  
seedling roots, of remarkably fine growth, embracing  
most of the leading varieties, and ten sorts of great  
vigor, hardiness, productiveness, and good quality,  
which have proved well adapted to the Northwest.

50,000 Hedge Plants of Honey Locust (*gleditsia triacanthos*) one year.

15,000 Timber Locust (or Yellow) one year.

10,000 Timber Trees, American Larch, 2 to 4 years.

5,000 Pie Plants, of many standard sorts.

5,000 Currants, 2 to 4 years, Red and White Dutch.

1,000 Vermont and Isabella Grape Vines, and other hardy  
sorts.

10,000 Raspberries, red and yellow Antwerp, and black cap

50,000 Strawberry Plants, of choice and well tried varieties,

viz: Early Scarlet, Prolific Orange, Hovey's Seedling,

Wilson's Albany, Hooker's, McAvoy's Superior Long-

worth's Prolific, Necked Pine, Burr's New Pine, Jenny

Lind, and the Peabody.

5,000 American Seedling Gooseberries (Houghton's) 1 to 2

years.

In addition to which we have a select assortment of

CHOICE APPLE TREES, from 4 to 6 years growth, and a

large amount of

Fruit and Ornamental Shrubs and Plants, suit-  
able for the Spring Trade.

We would call especial attention to our Stock of fine

hardy Apple Trees; price \$100 per 1,000—just the size for,

convenient transportation, safe setting, and vigorous grow-

ing, and to which we can give an uncommon amount of

good roots, samples of which can be seen at the "Farmer

Office" and State Agricultural Rooms.

Price List sent on application.

T. D. PLUMB, Agent.

J. C. PLUMB & CO.

XXIX

## LEWIS BLAKE,

JOBBER AND RETAILER OF

### MILLINERY & FANCY GOODS,

EMBROIDERIES, LACES,

ALEXANDERS' KID GLOVES,

Dress Trimmings, Straw & Silk Hats,

&c., &c., &c.

NO. 24, WISCONSIN STREET,

MILWAUKEE, . . . . . WISCONSIN.

## University Commercial School.

BRUEN'S BLOCK, MADISON, WIS.

**THE REGENTS** of the Wisconsin University, at  
their meeting in July, 1858, established a

**COMMERCIAL SCHOOL**

In connection with this Institution, and now offer its ad-  
vantages to those who desire to qualify themselves for Busi-  
ness and the Counting Room.

### THE COURSE OF INSTRUCTION

Is as extensive and thorough as that of the best Commercial  
Colleges of the West. Special attention will be given to

**Single and Double Entry Book-Keeping,**

embracing every department of business accounts, to Com-  
mercial calculations, practical penmanship, &c., &c.

There will be two courses of Lectures during the coming  
season before the school; one on **POLITICAL ECONOMY**  
by John Y. Smith, Esq., and one on **COMMERCIAL LAW**,  
by several members of the Madison Bar.

The school will be open for Ladies, for whom a separate  
room is provided.

In addition to the daily sessions, the school will be open

four evenings in each week from October to April.

Students are instructed individually and can enter at any

time. The usual time required by an industrious student

to complete a course, is from eight to twelve weeks.

### TERMS:

Full Course, time unlimited, in advance, for gentlemen, \$25

do do do do ladies, 18

Penmanship alone, per month, . . . . . 4

Season commences first Monday in September.

For further particulars, address,

D. H. TULLIS, Instructor.

Madison, Wis., Aug. 20, 1858.

## Geo. V. Ott's

**LEATHER AND HARNESS STORE,**

**WHOLESALE AND RETAIL.**

**UPPER, SOLE, HARNESS & BELTING LEATHER.**

**FRENCH CALF AND KIP SKINS.**

**Shoe Findings, Tools and Lasts.**

**PLASTERING HAIR**

Harness made to order, and Repairing done, &c.

GEORGE V. OTT,

In Basement of Bruen's Block, under Dane Co. Bank,

Madison, Wis. XXVII 13

## Great Valley Nursery on N. Y. & E. R. R.

FIFTY MILES EAST OF DUNKIRK.

**ARBORVITAE, Hemlock, Spruce, White**

Pine, Balsam Fir, from forest, under 1 foot, \$1 per 1000,

\$60 per 10,000. The two former, nursery grown, \$80 per

1000. Scarlet and sugar maple seedlings, one and two years,

6 to 12 inches, \$3 per 1000, \$30 per 10,000. Plants good.

Packing first rate, for which and delivery at depot no charge.

Terms cash. Orders also received and catalogues forwarded

by E. K. Phoenix, Bloomington Nursery, Illinois. Post Os

due, Great Valley, N. Y.

XXIII 17

B. T. KELSEY & CO.

## CONTENTS OF THIS NUMBER.

Why some succeed and others fail in business.....	35
Editing the Soil—continued.....	36
The hard times—Are they improving?.....	37
Out door ice house.....	37
Will the Legislature enact a Dog Law?.....	38
Palmyra Farmers' Club.....	38
The price of gas in England.....	38
Time of harvesting wheat.....	39
Durability of timber.....	39
Spare the birds.....	39
Feeding grain to sheep in winter.....	39
Longevity of a mouse.....	40
Wisconsin Hogs.....	40
To cure warts on cattle.....	40

### MISCELLANEOUS.

Thomas the Sawyer.....	40
Items for the House-Wife.....	41
An eloquent extract.....	41
How birds sell in Kentucky.....	42
Baraboo Female Seminary.....	42
Heat of different woods.....	42
Curious machine.....	42
Whitewash.....	43

### FOR THE CHILDREN.

The Beggar Man.....	43
The bed of Procrustes.....	43
Argus and his hundred eyes.....	43

### HORTICULTURAL.

Grape culture in Wisconsin (Illustrated).....	43
A jaunt through Illinois.....	45
Wisconsin Fruit Growers' Association.....	47
How to produce large fruit.....	48

### EDITOR'S TABLE.

The Legislature.....	48
Cold weather in Texas.....	43
The Executive Committee.....	49
Horace Greeley, Esq.....	49
What work will do.....	49
The fallen factory.....	49
Appropriations to Co. Agricultural Societies.....	49
Clubbing with the Tribune.....	49
Engineries of Correspondents.....	50
The weather of January.....	50
Officers of County Agricultural Societies for 1861.....	50
Premium King Phillip Corn.....	50

### OUR SUBSCRIPTION LISTS

Are filling up most flatteringly, from some locations, while some others are rather dragging. Now tax paying is over, we hope our friends will renew their efforts, and gladden us with large and complete lists. Send them in by tens, twenties and fifties, friends!

### NEW ADVERTISEMENTS.

James G. Dudley advertises *Cattle and Hay Scales*, that have been adjudged superior to Fairbanks', even in Vermont. Also

*Cast Steel Bells*, for churches, &c., claimed to be highly superior to the old kind, as well as much cheaper. We have noticed many high recommendations of them in eastern papers. He is also agent for

*Herring's Patent Fire and Burglar Proof Safes*. Read his advertisements, those who want any of the above articles.

The Dodge County Mutual Ins. Co. publish their annual report in the present number, from which it will be seen that they have been

doing a large business the past year. Mr. Hillier, the Secretary of the Company, informs us that they are in a highly prosperous condition, in all respects, and calculating on a continued increase of business and public favor.

The "Big Injun" Corn Mill is advertised by A. Stoner, at a low price. It took the first premium at the last State Fair, and we understand is giving good satisfaction. Also see advertisement of

*Grain Drill*, manufactured and sold by the same party. This Drill we know to be an excellent article, one of the best and cheapest we have ever seen.

*New and Hardy Grapes*, and various other articles, advertised by E. B. Quiner. Read his card. We know little of their success in this region, except that they seem to be growing in popularity.

J. M. Thorburn & Co. announce their new Trade Catalogues as ready for distribution.—They also offer flower seeds for the million, forwarded by mail at low rates.

LARGE KIND OF CLOVER SEED.—Messrs. Eds.—I have about twenty bushels of the large kind of clover seed for sale. It is clean and good in all respects. I am selling it for \$10 per bushel, and will forward on order to those remitting cash with their orders.

Address, G. E. S. FELLOWS,  
Jan. 16, 1860. Elkhorn, Wis.

## HOWE'S IMPROVED HAY OR CATTLE SCALES,

THE BEST IN USE!

FIRST PREMIUM OVER FAIRBANKS, at Vermont State Fair, '57 and '59.

FIRST PREMIUM and no competition in 1859.  
FIRST PREMIUM at 18 different State Fairs.  
SILVER & BRONZE MEDALS at American Institute Fair, N. Y., 1859.

HOWE'S SCALES FOR ALL USES, have Great Simplicity, Wonderful Accuracy.

Requires no Pit; may be set on top of the ground, or on a barn floor, and easily removed.

No Creek Rod; no friction on Knife Edges; all friction received on ball. Weigh truly if not level.

Delivered at any Railroad Station in the United States or Canada, set up and warranted to give entire satisfaction, or taken back.

Send for Circulars and price lists, with account of trial of Scales between Howe and Fairbanks, at Vermont State Fair, to

JAMES G. DUDLEY,  
General Western Agent, 93 Main street,  
Buffalo, N. Y.

123  
THORBURN'S DESCRIPTIVE ANNUAL CATALOGUE, of Kitchen, Garden and Agricultural Seeds for 1860, is now ready for mailing to applicants inclosing a postage stamp. It contains directions for cultivation and other useful information for amateur cultivators. Send for it.  
J. M. THORBURN & CO.,  
15 John-st., New-York.





# FARMERS! ARE YOU INSURED?



B. G. RIPLEY, President.  
T. A. ALEXANDER, Vice Pres't.  
THO'S K. BRACE, Jr. Secretary.  
J. B. BENNETT,  
General Agent, Cincinnati, Ohio.

INCORPORATED

1819.

Charter Perpetual.

CASH CAPITAL, ONE MILLION DOLLARS!

Capital and Surplus, \$2,030,123-80.  
THIS old established Company gives especial attention to the insurance of

*Farm Buildings, Barns and Out Buildings, Furniture, Grain, Stock, &c.,*  
for terms of 1 to 5 years. For this class of property, a scale of rates has been fixed low enough to enable every farmer to insure his property. Dwellings, stores, warehouses, taverns, manufactories, &c., insured as low as is consistent with solvency and fair profits.

LOSSES EQUITABLY ADJUSTED AND PROMPTLY PAID.

UPWARDS OF \$12,000,000 of Losses have been paid by the Etna Insurance Co., in the past forty years.  
Agencies in all the principal cities and towns throughout the State. Policies issued without delay, by any of the following duly authorized Agents of the Company. Apply to the nearest local agent.

W. H. WYMAN, State Agent, Madison.

Baraboo.....	H. H. POTTER.	Hudson.....	S. CURTIS SIMONDS.	Portage.....	D. VANDERCOOK.
Brodhead.....	E. A. MCNAIR.	Janesville.....	H. W. COLLINS.	Prescott.....	P. V. WISE.
Beloit.....	T. L. WRIGHT.	Kenosha.....	L. G. MEERILL.	Potosi.....	J. W. SEATON.
Berlin.....	J. H. TURNER.	La Crosse.....	THEO. RODOLF.	Prairie du Chien.....	IEA B. BRUNSON.
Beaver Dam.....	G. S. REDFIELD.	Manston.....	JOHN TURNER.	Racine.....	DURAND & REYMOUR.
Chippewa Falls.....	JAMES A. TAYLOR.	Menasha.....	F. W. PERRY.	Ripon.....	H. L. EGGLESTON.
Columbus.....	R. W. CHADBOURN.	Madison.....	W. H. WYMAN.	Reedsburg.....	WM. HASKELL.
Delavan.....	N. M. HARRINGTON.	Milwaukee.....	W. H. HOLLAND.	Sheboygan.....	EUGENE CARY.
Darlington.....	W. H. ALLYN.	Mineral Point.....	E. L. READ.	Shullsburg.....	M. HOLLISTER.
Edgerton.....	R. S. FASSETT.	Manitowoc.....	S. A. WOOD.	Stevens Point.....	WILLIAM MCNAIR.
Elkhorn.....	J. A. PERRY.	Monroe.....	E. A. WEST.	Stoughton.....	S. T. BUCKMAN.
Eau Claire.....	H. C. PUTNAM.	Mosonville.....	S. E. WATERHOUSE.	Sparta.....	SAMUEL MCCORD.
Fox Lake.....	G. W. BURCHARD.	Kilbourn.....	G. VANSTEENWYCK.	Superior.....	WM. R. PERRY.
Fond du Lac.....	W. T. GIBSON.	Neenah.....	C. C. TOWNSEND.	Watertown.....	J. A. HALL.
Fort Atkinson.....	N. F. HOPKINS.	New Lisbon.....	RICHARD SMITH.	Waukegan.....	WM. SOPER.
Geneva.....	E. D. RICHARDSON.	Oshkosh.....	C. H. BRUSH.	Waukegan.....	WINFIELD SCOTT.
Grand Rapids.....	POWERS & LANG.	Osaukee.....	S. A. WHITE.	Weyauwega.....	JNO. FORDYCE.
Green Bay.....	H. S. BAIRD.	Peplin.....	HENRY D. BARRON.	Wausun.....	W. H. TAYLOR.
Horton.....	W. H. BUTTERFIELD.	Platteville.....	J. H. HOUNTREE.	Whitewater.....	O. MONTAGUE.

## Elgin Nurseries.

### FRUIT AND ORNAMENTAL TREES.

TEN active salesmen wanted that can make from one to three hundred dollars per month each.  
We invite the attention of nurserymen, tree dealers and farmers in all the Great West to our very extensive stock of Trees, Plants and Shrubs, of varieties and qualities the most valuable and excellent.

This nursery now occupies about forty acres of land. The qualities of trees and stock, both in size and thriftness is not excelled either East or West. Especial care has been taken to cultivate such hardy varieties as will endure a prairie climate. Our fruit trees consist of—

Standard Apple, 8 to 4 years old, strong and healthy.  
Pear, 2 to 8 do do

Cherry of hardy varieties.

Currents—Red, White, Black, Victoria and Red Grape.  
Gooseberries—Houghton Seedling which never mildews.  
Blackberries—Lawton and Thornless.  
Raspberries—Several of the most valuable varieties.  
Strawberries—including Wilson's Albany and Hooker's Seedling.

Ornamental—Evergreens, Norway Spruce, Scotch, Weymouth and Black Austrian Pines and American Arborvitae.  
Deciduous Trees, Tyrolese Larch, European Mountain Ash, Black Walnut and Silver Maple.

Seedlings—Apples first quality, Sugar Maple, Silver do, White Ash and Horse Chestnut. Also a quantity of Elm Seedlings 3 years old.

Our long and successful experience in selecting ground and cultivating fruit in orchards, enables us to publish and contribute gratuitously to each who may send us their orders such instructions as will, if followed, insure success in fruit raising.

All orders and enquiries will be promptly answered.

D. CHICHESTER SCOFIELD,

Successor to L. K. SCOFIELD & CO.

Elgin, Kane Co., Ill., Aug., 1899.

XI IX

## J. H. Warner & Co.,

Wholesale and Retail Dealers in

STRAW AND MILLINERY GOODS,  
Dress Trimmings, Embroideries,  
GLOVES, HOSIERY, &c.,

231 Main Street, 2d door north Newhall House.

We have on hand a large stock of the above Goods, to which we wish particularly to call the attention of  
Merchants and Milliners.

J. H. WARNER & CO.

231 Main Street, 2d door North of Newhall House.  
Milwaukee, Wis.

XI VI 6

WISCONSIN LAND AGENCY,  
Banking and Exchange Office.  
WILLIAMSON & BARWISE,

[LATE OATLIN & WILLIAMSON.]

MADISON, WISCONSIN,  
HAVE a large amount of Lands for sale in Dane and other Counties.  
Make investments on UNDOUBTED REAL ESTATE SECURITY.

Pay TAXES in any part of the State of Wisconsin.  
Give particular attention to CONVEYANCING, and all business connected with REAL ESTATE.

Attend to the entry of and payment of Interest on School University and Swamp Lands, and generally to the transaction of any business at the Capital.

Buy and sell Farming Lands and Town Lots.  
Make collections and remit promptly at current rates of Exchange.

Give a full and reliable Abstract of Title to all Lands and Village Lots in Dane County.  
E. M. WILLIAMSON, GEO. H. BARWISE.

XI III 4

# PROTECTION FOR FARMERS!

THE Directors of the DODGE COUNTY MUTUAL (strictly a Farmers') INSURANCE COMPANY are gratified that they are enabled to state that this Company is doing a *Large, Prosperous and SAFE* business, paying all losses promptly, and taking no extra-hazardous risks. Its character as a well conducted, reliable, and prompt paying institution has become well established, and shall be maintained.

It is emphatically a *Farmers' Insurance Company*—we take no risks except farm property and isolated dwellings, and rely upon our manner of doing business to secure the confidence and patronage of the Farmers of our State.

Policies issued on both the cash and mutual plan.  
W. G. McELROY, Director. GEO. B. BLY, President.  
LOGAN GRAVES, do E. BARKER, Vice Pres.  
MATTHEW L. COE, do EDWIN HILLYER, Sec.  
JAS. T. HILLYER, do JHON WARE, Treasurer.  
L. B. HILLS, Act'g Director. E. BARKER, Gen'l Agent  
xii 3ly\*

## ANNUAL REPORT

Of the *Dodge County Mutual Insurance Company*, January 1st, 1860, made in pursuance of the provisions of Chapter 103 of the Session Laws of 1858.

The officers of said company submit the following report:

Amount of capital January 1st, 1860, .....	\$39,122 70
Consisting of Premium Notes, .....	\$32,426 20
Office Furniture, .....	213 60
Bills receivable, .....	3,564 49
In the hands of Agents, .....	1,716 26
Cash in the Company's office, .....	1,202 15
	\$39,122 70

Number of Policies issued since Jan. 1st, 1859, .....	1,252
Whole number of Policies outstanding January 1st, 1860, .....	2,298
Whole amount at risk thereon, .....	\$2,128,345 00
Cash Premiums and cash received from other since January 1st, 1859, .....	12,188 84
Paid losses since January 1st, 1859, .....	4,110 49
Expenses, Agents and Officers, .....	4,643 71
Losses adjusted and not due, .....	None.
Losses resisted, .....	960 05

This Company insures Farm Property only. No risks taken less than six rods from other exposure, except out-buildings.  
STATE OF WISCONSIN, } ss.  
DODGE COUNTY, }  
Geo. W. Bly, President, and Edwin Hillyer, John Ware, L. B. Hills, Logan Graves and William G. McKirroy, Directors of the above named Insurance Company, being severally sworn, do say that they are respectively the President and Directors of the said Company, and that the foregoing is in all respects a true and correct statement of the condition and business of the said company, according to the best of their several and respective knowledge and belief.  
GEO. W. BLY, President.  
LOGAN GRAVES,  
L. B. HILLS,  
JOHN WARE,  
W. G. McELROY,  
EDWIN HILLYER,  
Directors.

Subscribed and sworn to before me this 14th day of January, A. D. 1860.  
W. H. TAYLOR,  
Justice of the Peace, Fond du Lac Co.

## CAST STEEL BELLS,

For Churches, Academies, Fire Alarms, Factories, &c.

FROM SHEFFIELD, ENG.,

HAVE been tested in all climates, Europe and America. Weigh less; cost less per pound; have better tones; can be heard farther than any other bells. They cost 50 per cent. less than

THE BEST COMPOSITION BELLS,

Which are also sold by me at maker's prices.

BROKEN BELLS TAKEN IN EXCHANGE,

Or—BROKEN on short notice: Such bells will nearly pay for Steel Bells of same size.

Send for Circular. Bells delivered in all parts of the United States or Canada, by

JAMES G. DUDLEY,  
93 Main street, Buffalo, N. Y.

## New Hardy Grapes, &c., &c.



ORDERS will be received by the undersigned, which will be filled at the best and most reliable nurseries, for any of the New Hardy Native Grape Vines. Twenty years observation and experience in Wisconsin enables me to form an opinion upon many varieties of the Grape and other Fruits adapted to the climate of the Northwest. The following list makes a "set" which I can recommend as the hardiest and most prolific, and of excellent quality, and giving a succession of fruit from early in August till the middle of October. Logan, \$2; King, 1; Delaware, \$2; and \$3; Diana, Concord, Hartford, Prolific, Northern, Muscadine, York Maderia, \$1 each; Clinton and Isabella, 88c. each, or the whole "set" for \$10. For other varieties, see Catalogue.

## New Varieties of Currants,

Among which are early and late kinds—such as White and Red Dutch, White Grape, Rabby Castle, Versellas, Fertile de Palnan, \$3 per dozen.

## Raspberries,

Such as Allen, Brinkle's Orange, Hudson's River Antwerp, \$2 per dozen, and the Catawissa, Badgley's Perpetual, and Fontenay FALL BEARING RASPBERRIES, \$3 per doz, or 88c. each.

## Wilson's Albany Strawberries,

Hooker, and other kinds, 50 cents per dozen, \$3 per 100.

## Lawton Blackberries,

\$2 per dozen, \$12 per 100. Houghton's (only reliable kind) Gooseberry, prodigious bearer, \$2 per dozen.

Customers may rely upon the genuineness of sorts, and trashy stuff will not be sent out. Send a postage stamp, and I will send an ILLUSTRATED CATALOGUE.

Terms—Cash with the order.

Address: E. B. QUINER, Agent,  
Madison, Wis.

Packages will be sent by "American Express," unless otherwise ordered.  
January 23d, 1860. 122

## FOR SALE.



THE PREMIUM CAST IRON CORN AND COB MILL,

"BIG INJUN."

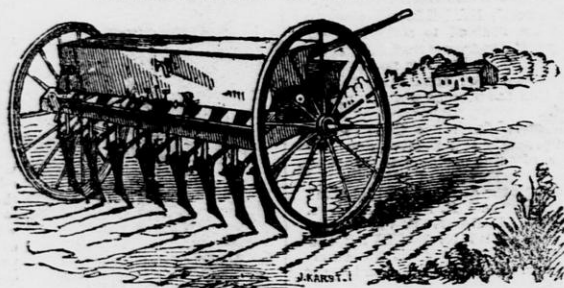
Price \$35.00 cash, or marketable produce. Office at No. 2 Spring St., Milwaukee, Wis. Trial will be made of each mill before delivering, (if desired,) so that none need purchase in doubt.

This new and already celebrated MILL took the first premium over the best Mills of this State and Illinois, at the late State Fair held at Milwaukee. It is a Sweep Mill, and particularly adapted the Farmers who have no machinery, although it can be more readily attached to machinery than any other Mill of the kind. The Mill is a light draught for one horse, and will grind as much as any other Mill in use. Its grinding surmounts all others, and can be changed for large and small gain, and renewed for comparatively nothing. All are respectfully invited to examine and see that what I say is true.

All orders and communications will be promptly attended to.  
[12314] A. STONER.



# STONER'S NEW PREMIUM GRAIN DRILL AND SEEDING MACHINE COMBINED.



**THIS POPULAR MACHINE** is a combination of all the good qualities of other Drills, besides possessing several new principles just put into use. It is to this Drill that the **FIRST PREMIUM** was awarded at the Wisconsin State Fair in 1855, and also at Milwaukee in 1859, which is **proof** of its superiority over all others. Price of Drill \$70, which is \$15 less than any other Drill in existence, and is the only one manufactured in the State. Farmers cannot do any better than call upon or correspond with the proprietor and manufacturer.

**A. STONER,**

No. 2 Spring Street, Milwaukee, Wis.

xii iii tf



**AS** accidents will happen in well regulated families, it is very desirable to have some cheap and convenient way for repairing Furniture, Toys, Crockery, etc.

## SPALDING'S PREPARED GLUE

meets all such emergencies, and no household can afford to be without it. It is always ready, and up to the sticking point. There is no longer a necessity for limping chairs, splintered veneers, headless dolls, and broken cradles. It is just the article for cone, shell, and other ornamental work so popular with ladies of refinement and taste.

This admirable preparation is used cold, being chemically held in solution, and possessing all the valuable qualities of the best cabinet-makers' glue. It may be used in the place of ordinary mudiage, being vastly more adhesive.

**"USEFUL IN EVERY HOUSE."**

N. B. A brush accompanies each bottle.

**Price 25 Cents.**

Wholesale Depot, No. 48 Cedar st., New York.

Address **HENRY C. SPALDING & CO.,**  
Box No. 3,600, New York.

Put up for dealers in cases containing four, eight and twelve dozen, a beautiful lithograph show-card accompanying in each package.

**GLUE** so I save ten times its cost annually to every household.

Sold by all prominent Stationers, Druggists, Hardware and Furniture Dealers, Grocers, and Fancy Stores.

Country merchants should make a note of SPALDING'S PREPARED GLUE, when making up their list. It will stand any climate.

[xii i 0]

**J. A. Carpenter & Co.,**  
**FINE STOCK BREEDERS.**

**HAVE for Sale Devon Cattle, South**  
Down Sheep, Essex and Suffolk Hogs, Dorkins Fowls, &c.  
South Pass, Union Co. Ill.

xi i tf

## THE

# Mutual Life Insurance Company

OF THE STATE OF WISCONSIN.

Office S.E. Corner Main & Wisconsin Streets,

MILWAUKEE, WIS.

Agent in all the principal towns in Wisconsin & Minn.

**DR. FRANKLIN SAID:** "IT IS A FACT that a policy of Life Insurance is the cheapest and safest method of making provision for one's family," and since his day, *experience* has more fully proved the truth of this assertion. And were it more generally practiced poverty and wretchedness would in a great measure be done away, and widows and orphans not be left destitute, as well as desolate. This Company offers the advantages of Life Insurance on favorable terms. It is a *Home Company*. Its officers and managers are widely and we believe favorably known throughout the West, and they feel that they have *trust funds of a peculiarly sacred character* in their keeping. Its entire profits are to be divided among the insured, and owing to the lower rate of mortality and the higher rate of interest in our State, these profits must be greater than those of Eastern Companies.

*Do not wait for an Agent to call upon you, but go at once and attend to this matter of vital importance to yourself and family.*

## TRUSTEES:

S. S. Daggett,	Dr. E. B. Wolcott,	H. L. Palmer,
Lester Sexton,	Sam'l Marshall,	M. Steever,
Geo. B. Miner,	A. H. Scoville,	H. L. Dousman,
J. A. Barber,	Ezra Miller,	J. A. Datcher,
O. P. Ilsley,	A. C. Wilmans,	D. B. Whitacre,
J. C. Johnson,	James Nell,	Andrew Groudfit,
J. B. Martin,	A. Eldred,	J. Bonnell,
D. Newhall,	H. A. Nichols,	M. S. Scott,
J. H. Rountree,	S. C. Hall,	J. Hackett,
O. Alexander,	B. F. Pixley,	A. Graham,
L. G. Fisher,	M. C. Darling,	Carl Schurz,
	H. J. Earnest,	S. C. Spaulding.

S. S. DAGGETT, President.

A. W. KELLOGG, Sec'y. E. B. WOLCOTT, Vice Pres't.

C. D. NASH, Treasurer.

S. C. BENEDICT, Agent.

xii i 24]

## Hosford & Seely,

Manufacturers and Dealers in all kinds of

# SASH, DOORS AND BLINDS.

Orders from the country promptly attended to. Canal water power. Second Ward, Milwaukee, Wis.

J. W. HOSFORD.

[xi vii tf]

L. SEELEY.

NO. 4.

## Great Inducements to Agents!!

IN order to secure extra efforts for the circulation of the *Farmer*, the following LIBERAL PREMIUMS are offered to Agents until March 1st :

Single Copies, \$ per year—Seven Copies, \$6  
—Ten Copies, \$8—Fifteen Copies, \$12—  
Twenty Copies, \$15, and one to the Agent.

### RATES OF ADVERTISING IN THE FARMER.

NO. OF MONTHS.	1	2	3	4	5	6	7	8	9	10	11	12
12 lines or 1 sq <sup>r</sup>	83	8	4	5	6	7	8	9	10	11	12	13
2 " 2 "	84	6	8	10	12	14	15	17	18	20	21	23
3 " 3 "	85	5	8	11	14	17	20	22	25	27	30	32
4 " 4 "	86	7	10	18	16	19	22	25	28	31	34	37
5 " 5 "	87	13	14	16	19	22	26	29	33	36	39	42
6 " 6 "	88	12	17	21	23	25	28	31	35	41	45	48
7 " 7 "	89	14	19	24	28	34	38	43	47	52	56	60
8 " 8 "	90	16	22	28	34	40	45	50	55	60	65	70
9 " 9 "	91	15	25	35	44	52	60	68	75	82	90	100
10 " 10 "	92	20	30	40	50	60	70	80	89	107	116	135

## HOWE'S IMPROVED

## HAY OR CATTLE SCALES,

**THE BEST IN USE!**

**FIRST PREMIUM OVER FAIRBANKS, at**  
Vermont State Fair, '57 and '58.

**FIRST PREMIUM** and no competition in 1859.

**FIRST PREMIUM** at 18 different State Fairs.

**SILVER & BRONZE MEDALS** at American Institute Fair, N. Y., 1859.

HOWE'S SCALES FOR ALL USES, have Great Simplicity,  
Wonderful Accuracy.

*Require no Pit*; may be set on top of the ground, or on a barn floor, and easily removed.

*No Check Rod; no friction on Knife Edges; all friction received on ball. Weigh truly if not level.*

Delivered at any Railroad Station in the United States or Canada, set up and warranted to give *entire satisfaction*, or taken back.

*Send for Circulars and price lists, with account of trial of Scales between Howe and Fairbanks, at Vermont State Fair to*  
JAMES G. DUDLEY,

**JAMES G. DUDLEY,**  
General Western Agent, 98 Main street  
Buffalo, N. Y.

## HERRING'S PATENT

**FIRE AND BURGLAR PROOF SAFES,**

**WITH HALL'S PATENT POWDER-PROOF LOCKS,  
HAVE NEVER FAILED** in more than three hundred disastrous fires.

**THE SAFEST AND BEST SAFE IN USE.**

Delivered to any Railroad Station in the United States or Canada, at the very lowest rates, by

**JAMES G. DUDLEY**, Sole Agent,  
at 98 Main Street, Buffalo, N. Y.

128

**Invariably in Advance.**

Friends of Agricultural Enterprise, who of you is there that will not make an effort for some of the foregoing premiums?

Any thorough-going man who lives in an ordinarily populous neighborhood, can raise the largest list in two weeks, by going actively about it; and if not in one neighborhood, it can be done in two or three. Well directed and persevering effort is what wins. Try it, you who have little else to do during the leisure of winter. And if you should not win the first prize, you may the second or third, either of which is well worth having.

Even those that get up their forty *may* win a complete bound set of the *Farmer* for the last four years, a valuable little library in itself on Agriculture and Horticulture.

And then it will not be forgotten that the satisfaction of having done something for the diffusion of knowledge and the consequent agricultural improvement of the State, will of itself be no small compensation.

**GREAT INDUCEMENTS FOR CLUBBING.**

<b>THE FARMER AND THE N. Y. SEMI-WEEKLY</b>	
<b>TRIBUTE, One Year .....</b>	\$5 00
<b>THE FARMER AND THE N. Y. WEEKLY TRI-</b>	
<b>BUNE, One Year .....</b>	2 00
<b>THE FARMER AND THE ATLANTIC MONTHLY,</b>	
<b>One Year .....</b>	8 00
<b>THE FARMER AND LILLI ILLUSTRATED, one Yr.</b>	9 00
<b>WISCONSIN JOURNAL OF</b>	
<b>EDUCATION, One Year .....</b>	1 75
<b>THE FARMER AND WEEKLY STATE JOURNAL</b>	2 00
<b>Address:</b>	
<b>D. J. POWERS &amp; Co.,</b>	
Madison, Wis.	



CONTENTS OF THIS NUMBER.

Farm and business accounts.....	51
Early and late sowing of grain.....	52
Getting out swamp muck, and ditching in winter.....	53
The mole drainer.....	54
To preserve stakes &c. in the ground ..	55
Parasites.....	55
What length to cut feed ..	56
The plague of gophers.....	56
The cost of negligence.....	57
Wheat's raw, its value as fodder.....	57

HORTICULTURAL.

Grape culture in Wisconsin (illustrated).....	58
The Waltonian propagating case.....	60
The sap sucker, what it is, & How to save sap-ped trees.....	61
Proceedings of the Wisconsin Fruit Growers' Association.....	62

MISCELLANEOUS.

Earth to earth! Ashes to ashes.....	64
-------------------------------------	----

EDITOR'S TABLE.

We propose to change back to a monthly.....	64
The Legislature.....	65
Machinery and implements wanted.....	65
The dog law.....	65
Enquiries of Correspondents.....	65
Fowl meadow grass seed.....	66
Are your insurance policies expired? ..	66
Enclosing stamps to prepay.....	66
Markets and prices.....	66
Communications deferred.....	66
The State Agricultural Board.....	66
Officers of County Agricultural Societies for 1866.....	66

NEW ADVERTISEMENTS.

*Globe Iron Works*, Milwaukee, for sale, or lease. Also Danford Reapers and Mowers for sale cheap; See advertisement of L. L. Lee & Son.

*Rock Lake Vineyard and Nurseries*, Lake Mills; Isaac Atwood, proprietor; read what he says.

*Mole Drainer*.—See E. W. Skinner's advertisement. Those who have been inquiring of us will learn what they wish to know from it.

Mr. S. informs us that they are coming into extensive use the coming season.

*Seeds, Seeds*.—John Budd wishes us to apprise the public that he will be in receipt of a fine stock of seeds from New York and elsewhere in a few days; ample for the spring trade—vegetable, field, fruit and flower; also bulbs, plants, &c., &c.

*Cast Steel Bells*, for churches, academies, &c., have been made in Germany and England, for several years, and tested with marked success, in all climates. They are now having a large sale in the vicinity of Montreal, Canada, where they have been well tested in the severe winters of that section of country.—Their makers claim for them greater purity and depth of tone, than can be produced from other bells, while they cost from one-third to one-half less.

The following letter is selected from a large number in the possession of the proprietors.

Any further information may be had by addressing Mr. James G. Dudley, 93 Main St., Buffalo, whose card may be found in its appropriate place:

New Berlin, Chenango Co., N. Y., }  
May 9th, 1859.

GENTLEMEN:—The Cast Steel Bell which you furnished, nearly a year ago, for the First Congregational Church in this town, weighing 770 pounds, not only gives general satisfaction, but is much admired for its sweet, brilliant tone. It is heard far several miles, and can be distinguished from all the other bells in the country, by its *singular musical vibration*. It gives more than satisfaction to my people, and if they were unable to obtain another cast steel bell, it would require more money to buy it than the cost of a bronze bell of twice the weight, although this cost only a little over \$200. The fame of our cast steel bell has gone abroad, and many persons have visited this village from a distance, having no other object in view than to hear its rich peals; and all who have heard it, give but one testimony, that it is the sweetest toned bell they ever heard. And what is still better, its tone improves with age. I am, gentlemen, your obedient servant, JOHN MCLEISH, Pastor.

P. S.—I should have mentioned that the bell has stood the test of some severe cold nights, during the last winter, without being in the least affected or lessened in the richness of its tone. This is an important point to be considered.

Rock Lake Vineyard & Nurseries.

THE PROPRIETOR of these extensive and well known grounds would respectfully call the attention of the public to his large and choice varieties of Grapes.

Having the past year made several new additions to his selections, consisting in part of the following varieties, of which he is prepared to send out fine, strong, healthy plants at the following low rates:

Delaware \$2 to \$5 each; Diana 75c to \$1; Rebecca \$1 to \$2; Northern Muscadine 75c to \$3; Concord 75c to \$2; Hartford Prolific 75c to \$1; Logan \$1; Jo Kalon \$1; Marion Port 50c; Black Maderia 75c; Burgundy 50c to 75c; Sage's Mammoth 75c to \$1; Burton's Early August 75c to \$1; Mass. Early 75c to \$1; Conn. Blue 75c to \$1; Isabella, Catawba, Clinton, Vermont, 25c to 50c.

50,000 Apple Trees, from one to six years from graft; 20,000 Seedlings, from one to six years; Lawton Blackberry 10 to 25c.

Pis Plant—Cahoon, Victoria, Mammoth and Strawberry, 25c to 50c.

Strawberries—Wilson's Seedling 87c per doz., \$2.50 per 100.

Gooseberries—Houghton's Seedling 25c; Mountain Seedling 50c.

Send Stamp and get Descriptive Circular. All orders will be filled as received.

Vines securely packed and sent to any part of the States

ISAAC ATWOOD.

Rock Lake Vineyard Nurseries,  
xii 4 Lake Mills, Jefferson Co., Wis

Seeds at Wholesale.

OUR NEW TRADE CATALOGUES of Garden, Field, Flower and Tree Seeds for 1860, are now ready for mailing to all dealers inclosing a postage stamp.

Our Stock of Seeds is the finest and most extensive ever offered in this country; and to parties requiring them in large quantities we offer unusual inducements.

J. M. THORNBURN & CO.,  
15 John-st., New-York.

xii 1 m]

## Fruits for the Million.

ARE MORE easily raised from trees, shrubs, vines, and plants of Wisconsin growth, which may be had at

'76 NURSERIES,

MADISON, Wis.

Special attention is called to the following First Class Stock and Low Prices:

10,000 three year old apple trees, two years grafted on whole seedling roots, of remarkably fine growth, embracing most of the leading varieties. And ten sorts of great vigor, hardiness, productiveness, and good

quality, which have proved well adapted to the North-West. Price per 100, \$12; per 1,000, \$100.

1,000 Grape vines of the following approved sorts: Delaware and Logan, each \$2@3; Concord, Diana, Hartford Prolific, Rebecca, Elsingburgh, N. Muscadine, \$1; Isabella, Catawba, Clinton, Vermont, 35¢—per doz \$3.

50,000 Strawberry Plants of choice, well tried sorts.—Wilson's Albany, Hooker, per doz., 50¢; per 100, \$2. Early Scarlet and other standard sorts for field culture, per 100, 50¢; per 1,000, \$3.

5,000 Currants, Red and White Dutch, 2 to 4 years—per doz., \$1.50; per 100, \$3.

10,000 Raspberries, Red and Yellow Antwerp—per doz., \$1; per 100, \$5.

5,000 Gooseberries, Houghton's (best) large bearing plants—per doz., \$2; per 100, \$12.

5,000 Pear Plants of many standard sorts and variety—per doz., \$2; per 100, \$12.

In addition to which we have a select assortment of CHOICE APPLE TREES, from 4 to 6 years' growth, and a large amount of Evergreens, Fruit and Ornamental Shrubs and Plants, specimens of which can be seen at the

**Madison Greenhouse,**

By JOHN BUDD, who is Agent for the sale of the above stock, and will fill orders sent to us for Greenhouse and Bedding Plants of all descriptions.

We would call especial attention to our stock of fine, hardy Apple Trees, price \$100 per 1,000—just the size for convenient transportation, safe setting, and vigorous growing, and to which we can give an uncommon amount of

GOOD ROOTS, samples of which can be seen at the "Farmer Office" and State Agricultural Rooms [See cut.]

50,000 Hedge Plants of Honey Locust (*Gleditsia triacanthus*) one year—per 100, \$1.50; per 1,000, \$10. For those who want an impenetrable and durable hedge, being perfectly hardy, of rapid growth, and never sprouts. Also,

15,000 Timber Locust (yellow) one year—per 100, \$1; per 1,000, \$5.

Orders from a distance will receive especial attention in selection, packing, and delivery to the place of shipping.—Additional charge only to cover the cost of packing.

City orders will be delivered free of charge. Inquiries will receive prompt attention directed to

**J. C. PLUMB & CO.,**

'76 Nurseries, Madison, Wis.

T. D. PLUMB, Agent, Wis. Farmer Office. xil 4

## UNDERGROUND

OR

## MOLE DRAINER.

For Reclaiming Swamp, Low, or Clay Lands.

For Underdraining Orchards, or Producing Stock Water.

THE undersigned is prepared to dispose of territory, in Farm or Town rights, and to furnish machines or fill orders for jobs of ditching on short notice.—For information, address

**E. W. SKINNER,**

Ag't of the Wis. Land Draining Company.

MADISON, WIS.

xil 4

## NOTICE: To Machinists, Foundrymen, AND BOILER MAKERS!!

THE SUBSCRIBERS, wishing to change their business, will sell all the Tools and Machinery of the GLOBE IRON WORKS, in the City of Milwaukee, Wis., consisting of Lathes, Iron Planers, Drills, Screw Cutting Machine, with Taps and Dies, Wood Turning Lath, Circular and Scroll Saws, Shafting, Pulleys, Hangers and Belting, Vices, Work Benches and Hand Tools, Blacksmith's Tools, full and complete sets of Boiler Maker's Tools, such as Punches and Shears, Rollers, Flange Books, Drill and Hand Tools. The Foundry has everything for large and extensive works, such as Cupola and Blower, Blacking Mill, Cranes, Crowbars, Core Carriage, Clamps, Shove's Core Plates, Patterns and Flasks. Also, the Steam Engine and Boiler, complete, used for the motive power of the Works. The Tools, &c., were all purchased new from the best manufacturing establishments East, and were selected with a great deal of care, and are not excelled for strength, truthness and convenience in any shop in the West, and having been in use but a short time, are all in complete working order and nearly as good as new. They will be sold cheap, separately or together. Part of the purchase money must be paid down, the balance time will be given on good approved paper. We will also sell or lease on reasonable terms, for five or ten years, the Real Estate, which consists of four Lots, with main building seventy by thirty feet, three stories high, with two wings, one sixty by thirty feet, the other being one hundred and thirty by forty feet, running an L, together with engine room, all brick buildings, erected on a substantial pile foundation, in a central business part of the city, and convenient to the river and the railroad, and would be a good point for a Flouring Mill, or for any other manufacturing Works.

We also have a few of "Danford's Reaper & Mowers," left over from last season, that we will sell at a reduced price, below first cost.

Any notes or accounts against us, either due or maturing, will be received in payment for any of the above property.

We would state to our customers and patrons, that we have made arrangements in this city for manufacturing and repairing any Machinery, Reapers and Mowers, Feed Mills and Sugar Mills, that have been made by us, and all orders will be promptly filled.

L. LEE & SON,

xil 3j

Proprietors of the Globe Iron Works.

## FOR SALE.



## THE PREMIUM CAST IRON CORN AND COB MILL, "BIG INJUN."

Price \$35.00 cash, or marketable produce. Office at No. 2 Spring St., Milwaukee, Wis. Trial will be made of each Mill before delivering, (if desired,) so that none need purchase in doubt.

This new and already celebrated MILL took the first premium over the best Mills of this State and Illinois, at the late State Fair held at Milwaukee. It is a Sweep Mill, and particularly adapted the Farmers who have no machinery, although it can be more readily attached to machinery than any other Mill of the kind. The Mill is a light draught for one horse, and will grind as much as any other Mill in use. Its grinding surface can be changed for large and small gain, and renewed for comparatively nothing. All are respectfully invited to examine and see that what I say is true.

All orders and communications will be promptly attended to. [12 3 tf] A. STONER.

THORBURN'S DESCRIPTIVE ANNUAL CATALOGUE, of Kitchen, Garden and Agricultural Seeds for 1860, is now ready for mailing to applicants inclosing a postage stamp. It contains directions for cultivation and other useful information for amateur cultivators. Send for it. J. M. THORBURN & CO., 15 John-st., New-York.

xil 3 lmj

## THE NEW-YORK TRIBUNE.

is printed on a large imperial sheet, and published every morning and evening (Sundays excepted). It contains Editorials on the topics of the times, employing a large corps of the best newspaper writers of the day; Domestic and Foreign Correspondence; Proceedings of Congress; Reports of Lectures; City News; Cattle, Horse, and Produce Markets; Reviews of Books; Literary Intelligence; Papers on Mechanics and the Arts, &c., &c. We strive to make THE TRIBUNE a newspaper to meet the wants of the public—the Telegram; his news alone cost ng over \$15,000 per annum.

### TERMS :

THE DAILY TRIBUNE is mailed to subscribers at \$6 per annum, in advance; \$3 for six months.

### THE NEW-YORK SEMI-WEEKLY TRIBUNE

is published every Tuesday and Friday, and contains all the Editorials of the Daily, with the Cattle, Horse, and General Markets, reliably reported expressly for THE TRIBUNE; Foreign and Domestic Correspondence; and during the sessions of Congress it contains a summary of Congressional doings, with the more important speeches. We shall, as heretofore, make THE SEMI-WEEKLY TRIBUNE a Literary, as well as a political newspaper, and we are determined that it shall remain in the front rank of family papers.

One Copy, one year...\$3 | Five Copies, one year...\$11 25  
Two Copies, one year...5 | Ten " " one address...20  
Ten Copies, or over, to address of each subscriber, \$2.20 each.

Any person sending us a club of twenty, or over, will be entitled to an extra copy. For a club of fifty, we will send the Daily Tribune one year.

THE SEMI-WEEKLY TRIBUNE is sent to Clergymen at \$2 per annum.

### THE NEW-YORK WEEKLY TRIBUNE,

a large eight-page paper for the country, is published every Saturday, and contains Editorials on the important topics of the times, the news of the week, interesting correspondence from all parts of the world, the New-York Cattle, Horse, and Produce Markets, interesting and reliable Political, Mechanical and Agricultural articles, &c., &c.

We shall, during this year, as hitherto, constant ly labor to improve the quality of the instructive entertainment afforded by THE WEEKLY TRIBUNE, which, we intend, shall continue to be the best Family Weekly Newspaper published in the World. We consider the Cattle Market Reports alone richly worth to cattle raisers a year's subscription price.

### TERMS:

One Copy, one year...\$2 | Five Copies, one year...\$6  
Three Copies, one year...5 | Ten Copies, one year...12  
Twenty Copies, to one address.....0  
and any larger number, \$1 each.  
Twenty Copies, to address of each subscriber.....24  
and any larger number at \$1.20 each.

Any person sending us a club of Twenty, or more, will be entitled to an extra copy. For a club of forty, we will send the Semi-Weekly Tribune; and for a club of one hundred the Daily Tribune will be sent gratis. We continue to send THE WEEKLY TRIBUNE to Clergymen for \$1.

Subscriptions may commence at any time. Terms always cash in advance. All letters addressed to:

HORACE GREELEY & Co., Tribune Buildings,  
XIV 111 Nassau-st., New-York.

## Albany Tile Works.

Cor. Clinton Av. and Knox-st., Albany, N. Y.  
THE Subscribers being the most extensive manufacturers of DRAINING TILE in the United States, have on hand, in large or small quantities, for Land Draining, ROUND, SOLE and HORSE-SHOE TILE, warranted superior to any made in this country, hard burned, and over one foot in length. Orders solicited. Price List sent on application.

XIV 112 O. & W. MOCAMMON, Albany, N. Y.

## New Hardy Grapes, &c., &c.



ORDERS will be received by the undersigned, which will be filled at the best and most reliable nurseries, for any of the New Hardy Native Grape Vines. Twenty years observation and experience in Wisconsin enables me to form an opinion upon many varieties of the Grape and other Fruits adapted to the climate of the Northwest. The following list makes a "set" which I can recommend as the hardest and most prolific, and of excellent quality, and giving a succession of fruit from early in August till the middle of October. Logan, \$2; King, 1; Delaware, \$2;

and \$3; Tiana, Concord, Hartford, Prolific, Northern, Muscadine, York Maderia, \$1 each; Clinton and Isabella, 38c each, or the whole "set" for \$10. For other varieties, see Catalogue.

### New Varieties of Currants,

Among which are early and late kinds—such as White and Red Dutch, White Grape, Rabby Castle, Versellas, Fertile de Palnan, \$8 per dozen.

### Raspberries.

Such as Allen, Brinkley's Orange, Hudson's River Antwerp, \$2 per dozen, and the Catawissa, Badgley's Perpetual, and Fontenay FALL BEARING RASPBERRIES, \$3 per doz, or 35c. each.

### Wilson's Albany Strawberries,

Hooker, and other kinds, 50 cents per dozen, \$3 per 100.

### Lawton Blackberries,

\$2 per dozen, \$12 per 100 Houghton's (only reliable kind) Gooseberry, prodigious bearer, \$2 per dozen.

Customers may rely upon the genuineness of sorts, and trashy stuff will not be sent out.

Send a postage stamp, and I will send an ILLUSTRATED CATALOGUE.

Terms—Cash with the order.

Address: E. B. QUINER, Agent,  
Madison, Wis.

Packages will be sent by "American Express," unless otherwise ordered.  
January 23d, 1860. 122

## PROTECTION FOR FARMERS!

THE Directors of the DODGE COUNTY MUTUAL (strictly a Farmers') INSURANCE COMPANY are gratified that they are enabled to state that this Company is doing a Large, Prosperous and SAFE business, paying all losses promptly, and taking no extraordinary risks. Its character as a well conducted, reliable and prompt paying institution has become well established, and shall be maintained.

It is emphatically a Farmers' Insurance Company—we take no risks except farm property and isolated dwellings, and rely upon our manner of doing business to secure the confidence and patronage of the Farmers of our State.

Policies issued on both the cash and mutual plan.  
WM. G. MCLEARY, Director. GEO. B. BLY, President.  
LOGAN GRAVES, do E. BARKER, Vice Pres.  
MATTHEW L. COE, do EDWIN HILLIER, Sec.  
JAS. T. HILLIER, do JOHN WARE, Treasurer.  
L. B. HILLS, Acting Director. E. BARKER, Gen'l Agent.  
XII 8ly

## Waukegan Nurseries.

A Plat of 60,000 APPLE TREES, fine and thrifty, three to four years old from graft, for sale at bargain, with or without a lease of the land on which they are growing.

Also Apple Trees, Currants, Gooseberries, Lawton and Dorchester Blackberries, &c., at very low rates, by the thousand.

A general assortment of Fruit and Ornamental Trees, Evergreens, Shrubs, Roses, &c., at wholesale and retail. Catalogues gratis.

XII 8ly Waukegan, Ill., on Chicago & Milwaukee R. R.



# FARMERS' INSURANCE COMPANY.

## REPORT OF THE MADISON MUTUAL INSURANCE CO.,

Made to the Governor of the State of Wisconsin, as required by the provisions of Chapter 103 of the General Laws of 1850.

Total amount of accumulations .....	\$39,080 95
ASSETS.	
Premium Notes of policy holders.....	\$35,462 46
Cash on hand and due from agents.....	2,956 02
Amount due secured by mortgage and in judgment, .....	332 47
Office furniture and fixtures.....	300 00
	<hr/> \$39,080 95

Whole number of Policies issued.....	4807
Amount of outstanding risks thereon.....	\$2,409,950 49
Amount of losses adjusted and unpaid.....	None.
Amount of losses unadjusted and unpaid.....	None.
Number of Policies issued in 1859.....	1187
Amount of outstanding risk thereon.....	\$1,140,076 00
Amount of Premium Notes rec'd thereon.....	17,109 82
Amount of cash premium rec'd thereon.....	11,059 04
Amount of losses paid (12 in number).....	2,409 45
Amount of commissions paid Agents.....	3,817 70
Amount of expenses paid, including all compensation of officers, printing, advertising, rent, postage, furniture, and all other incidental expenses.....	8,817 51

### STATE OF WISCONSIN, } ss. DANE COUNTY, }

We, the undersigned, being the President and a majority of the Directors of the *Madison Mutual Insurance Company*, do solemnly swear, and each for himself saith, that the foregoing is a true and correct statement of the affairs of said Company, in the particulars therein named, as appears by the books of said Company, according to the best of their knowledge and belief.

N. W. DEAN, President.  
D. J. POWERS, Vice Pres.  
DAVID ATWOOD, Secretary.  
GEO. F. HASTINGS, Director.  
B. F. HOPKINS, do.  
WM. DUDLEY, do.  
JAMES MORRISON, do.

Subscribed and sworn to before me this 6th day of January, 1860.

T. D. PLUMB,  
Notary Public, Dane Co., Wis.

### LOSSES PAID IN 1859.

Feb. 28—Loss of S. H. Coleman, Juneau, Dodge Co.	\$10 00
do do J. W. Seaman, Richland City,	
Richland Co.....	10 00
April 23—Loss of Fannie Plummer, Mauston,	
Juneau Co.....	15 00
August 27—Loss of George F. Taylor, Madison,	
Dane Co.....	15 50
August 27—Loss of Nelson Sickles, Waterloo, Jef-	
erson Co.....	690 88
Oct. 31—Loss of A. L. Beebe, Dunn, Dane Co.....	650 00
Nov. 25—Loss of J. B. Barber, Juneau, Dodge Co.	68 00
do do Jas. K. Main, do do ..	408 57
do do Theo. Mayhew, Merton, Wauke-	
sha Co.....	27 00
Dec. 21—Loss of W. N. Seymour, Madison, Dane Co	20 00
Dec. 23—Loss of Wm. Edwards, Sugar Creek, Wal-	
worth Co.....	400 00
Dec. 23—Loss of Leonard Hatch, Kenosha, Ken-	
osha Co.....	100 00
	<hr/> \$2,409 45

As will be seen by the above Report, the Company has done a very successful business during the past year, notwithstanding the extreme hard times. The condition of the Company was never more prosperous. After paying every loss, and every item of indebtedness, there is still a surplus of \$2,956 02 in hand and due from Agents; and

this has all been accomplished from the receipts of the business, without a resort to any assessment upon the premium notes held by the Company. Such a result, in a year of extreme financial embarrassment, must be gratifying to every member of the Company. The Company has been in operation nine years, and made but two small assessments. Let farmers, desiring insurance in a cheap and safe company, examine the figures in the above Report.

The officers of the MADISON MUTUAL FIRE INSURANCE COMPANY, for the year 1860, are as follows:

### DIRECTORS.

N. W. Dean,	D. J. Powers,
B. F. Hopkins,	Geo. F. Hastings,
James Morrison,	William Dudley,
C. C. Washburne,	G. F. Taylor,
J. W. Boyd,	H. H. Giles,
S. H. Vandercook,	David Atwood,

L. W. Hoyt,

### OFFICERS.

N. W. DEAN.....	President.
D. J. POWERS.....	Vice President.
DAVID ATWOOD.....	Sec'y and Treas.
GEO. F. HASTINGS.....	General Agent.

Reasons why Homestead Property should be Insured in this Company:

1. It is a Wisconsin institution, located at the Capital of the State, thus affording every facility for members to institute inquiry into its business operations, and for the settlement of losses through their representatives in the Legislature and State officers.
2. It is a Mutual Company, thus affording cheaper rates and greater security than can be obtained in Stock Companies.
3. Its capital stock consists of the premium notes of the parties insured, and cannot be squandered by corrupt officers, or become the basis of speculation to the managers; but can only be called in to pay losses and other absolutely necessary expenses; while Stock Companies receive the full amount of premium in advance, and often invest it in stocks which are liable to become worthless, causing general embarrassment to the companies, and rendering unsafe the insured.
4. It confines its operations to the State of Wisconsin; and to the insurance of Farm Property, and strictly isolated buildings, with their contents, in villages and cities.
5. It is an old company—its affairs have always been economically managed, and its losses paid without litigation, and without unnecessary delay.
6. It is under the control of the insured parties, each one having a vote in the choice of its officers, at the commencement of every year, either in person or by proxy.
7. It pays no stated salaries to its officers; but pays for all services according to the amount of labor performed.
8. It will refund to any person insuring for a longer time than one year, all moneys received from them, less the regular rates for the time they are insured, and \$1.50 paid Agents for survey and policy, and the policy will be cancelled.
9. It will pay all damage caused by the effect of lightning to property insured, whether the building is burned or otherwise damaged, not exceeding the amount insured.
10. It will not insure over hazardous property, believing, as it does, that the homes of our families should not be liable to be taxed to pay losses incurred on property in the hands of reckless speculators, not only subject to fire and lightning, but to wind and water, as well as the torch of the incendiary, so often applied in cities and commercial towns.

DAVID ATWOOD, Secretary.  
G. F. HASTINGS, General Agent.

Madison, January 7, 1860.

OFFICE IN BRUEN'S BLOCK, MADISON, WIS.

# FARMERS! ARE YOU INSURED?



INCORPORATED

1819.

Charter Perpetual.

E. G. RIPLEY, President.  
T. A. ALEXANDER, Vice Pres't.  
THO'S K. BRACE, Jr. Secretary.  
J. B. BENNETT,  
General Agent, Cincinnati, Ohio.

CASH CAPITAL, - - - - - ONE MILLION DOLLARS!  
Capital and Surplus, - - - - - \$2,030,423-80.

**T**his old established Company gives especial attention to the insurance of

*Farm Buildings, Barns and Out Buildings, Furniture, Grain, Stock, &c.,*  
for terms of 1 to 5 years. For this class of property, a scale of rates has been fixed low enough to enable every farmer to insure his property. Dwellings, stores, warehouses, taverns, manufactories, &c., insured as low as is consistent with solvency and fair profits.

**LOSSES EQUITABLY ADJUSTED AND PROMPTLY PAID.**

UPWARDS OF \$12,000,000 of Losses have been paid by the Aetna Insurance Co., in the past forty years.  
Agencies in all the principal cities and towns throughout the State. Policies issued without delay, by any of the following duly authorized Agents of the Company. Apply to the nearest local agent.

**W. H. WYMAN, State Agent, Madison.**

Baraboo.....	H. H. POTTER.	Hudson.....	S. CURTIS SIMONDS.	Portage.....	D. VANDERCOOK.
Brodhead.....	E. A. McNAIR.	Janesville.....	H. W. COLLINS.	Prescott.....	P. V. WISE.
Beloit.....	T. L. WRIGHT.	Kenosha.....	L. G. MERRILL.	Potosi.....	J. W. SEATON.
Berlin.....	J. H. TURNER.	La Crosse.....	THEO. RUDOLF.	Prairie du Chien.....	IRA B. BRUNSON.
Beaver Dam.....	G. S. REDFIELD.	Mauston.....	JOHN TURNER.	Racine.....	DURAND & SEYMOUR.
Chippewa Falls.....	JAMES A. TAYLOR.	Menasha.....	F. W. PERRY.	Ripon.....	H. L. EGGLESTON.
Columbus.....	R. W. CHADBOURN.	Madison.....	W. H. WYMAN.	Reedsburg.....	WM. HASKELL.
Delavan.....	N. M. HARRINGTON.	Milwaukee.....	W. H. HOLLAND.	Sheboygan.....	EUGENE CARY.
Darlington.....	W. H. ALLYN.	Mineral Point.....	R. L. READ.	Shullsburg.....	M. HOLLISTER.
Edgerton.....	R. S. FASSETT.	Manitowoc.....	S. A. WOOD.	Stevens Point.....	WILLIAM McNAIR.
Elkhera.....	J. A. PERRY.	Monroe.....	E. A. WEST.	Stoughton.....	S. T. BUCKMAN.
Eau Claire.....	H. C. PUTNAM.	Mazomanie.....	S. E. WATERHOUSE.	Sparta.....	SAMUEL McCORD.
Fox Lake.....	G. W. BURCHARD.	Kilbourn.....	G. VAN STEENWYCK.	Superior.....	WM. R. PERRY.
Fond du Lac.....	W. T. GIBSON.	Neshah.....	C. C. TOWNSEND.	Watertown.....	J. A. HALL.
Fort Atkinson.....	N. F. HOPKINS.	New Lisbon.....	RICHARD SMITH.	Waukesha.....	WM. SOPER.
Geneva.....	E. D. RICHARDSON.	Oshkosh.....	C. H. BRUSH.	Wauvauwega.....	WINFIELD SCOTT.
Grand Rapids.....	POWELLS & LANG.	Ozaukee.....	S. A. WHITE.	Weyauwega.....	JNO. FORDYCE.
Green Bay.....	H. S. BAIRD.	Peplin.....	HENRY D. BARRON.	Waupun.....	W. H. TAYLOR.
Horicon.....	W H BUTTERFIELD.	Platteville.....	J. H. ROUNTREE.	White-water.....	O. MONTAGUE.

**Geo. V. Ott's**

**LEATHER AND HARNESS STORE,**  
WHOLESALE AND RETAIL.

UPPER, SOLE, HARNESS & BELTING LEATHER.  
FRENCH CALF AND KIP SKINS.

Shoe Findings, Tools and Lasts.  
**PLASTERING HAIR**

Harass made to order, and Repairing done, &c.

Geo. V. OTT,  
In Basement of Bruen's Block, under Dane Co. Bank,  
Madison, Wis. XI VII 12

**Milwaukee Mutual**

**FIRE INSURANCE COMPANY!**

CAPITAL, \$100,000.

OFFICE, NOS. 3 & 4, MARTIN'S BLOCK,  
MILWAUKEE, - - - - - WISCONSIN.

**The Oldest Company in the State!**

**A**s only isolated dwellings and barns,  
with their contents, are insured, (no risks being taken  
on stores, taverns, mills, shops, &c.) Farmers are presented  
with an unequally safe and cheap means of insurance.

**DIRECTORS:**

S. S. DAGGETT, A. GEEULICH, J. H. VAN DYKE,  
E. CRAMER, E. D. HOLTON, H. FESS, Jr.,  
H. L. PALMER, G. BARRY, J. B. MARTIN,

P. B. HILL, Secretary, S. S. DAGGETT, President.  
J. B. MARTIN, Vice Pres't. M. L. SKINNER, Office Agt.  
Those desiring insurance on conferring with any authorized  
Agent in their vicinity, if any, or by writing to the office  
agent, giving a description of the property insured, will meet  
with prompt attention. May, 1857. if

**J. H. Warner & Co.,**

Wholesale and Retail Dealers in

**STRAW AND MILLINERY GOODS,**  
**Dress Trimmings, Embroideries,**  
**GLOVES, HOSIERY, &c.,**

231 Main Street, 2d door north Newhall House.  
We have on hand a large stock of the above Goods, to  
which we wish particularly to call the attention of

*Merchants and Milliners.*

J. H. WARNER & CO,  
231 Main Street, 2d door North of Newhall House.  
Milwaukee, Wis. XI VI 6

**WISCONSIN LAND AGENCY,**  
**Banking and Exchange Office.**  
**WILLIAMSON & BARWISE,**  
[LATE CATLIN & WILLIAMSON.]

MADISON, WISCONSIN,

**HAVE a large amount of Lands for**  
sale in Dane and other Counties.  
Make investments on UNDOUBTED REAL ESTATE  
SECURITY.

Pay TAXES in any part of the State of Wisconsin.  
Give particular attention to CONVEYANCING, and all  
business connected with REAL ESTATE.  
Attend to the entry of and payment of Interest on School  
University and Swamp Lands, and generally to the transac-  
tion of any business at the Capital.

Buy and sell Farming Lands and Town Lots.  
Make collections and remit promptly at current rates of  
Exchange.  
Have a full and reliable Abstract of Title to all Lands and  
Village Lots in Dane County. XI III 11  
E. M. WILLIAMSON. GEO. H. BARWISE.

WISCONSIN FARMER.—ADVERTISING DEPARTMENT.

**J. NAZRO & CO.**  
121, 123, 125,

East Water-St., Milwaukee.

—:—:—

Wholesale and Retail Dealers in

**HARDWARE!**

AND HOUSE TRIMMINGS,

—:—:—

Calveator Teeth, Straw Cut-

ters, and all kinds of

*Farming Tools.*

—:—:—

ALL KINDS OF

**TIN PLATE**

**SHEET IRON,**

**COPPER, &c., &c.**



**R. HOE & CO'S**  
**SAWS,**  
**WIRE & ROPE**  
**AXES.**  
**SHOVELS AND SPADES,**  
**IRON & STEEL**  
*Blacksmiths', Coopers', Car-*  
*penters' and Cabinet Makers*  
**TOOLS.**  
**OF ALL KINDS.**  
**NAILS, GLASS, WHIPS**  
**GUNS & PISTOLS,**  
**PLATED FORKS,**  
**CUTLERY & SPOONS,**  
*Belting and Bells.*

**University Commercial School.**

**BRUEN'S BLOCK, MADISON, WIS.**  
**THE REGENTS** of the Wisconsin University, at their meeting in July, 1858, established a  
**COMMERCIAL SCHOOL**

In connection with this Institution, and now offer its advantages to those who desire to qualify themselves for Business and the Counting Room.

**THE COURSE OF INSTRUCTION**  
Is as extensive and thorough as that of the best Commercial Colleges of the West. Special attention will be given to

**Single and Double Entry Book-Keeping,**  
embracing every department of business accounts, to Commercial calculations, practical penmanship, &c., &c.

There will be two courses of Lectures during the coming season before the school; one on **POLITICAL ECONOMY** by John Y. Smith, Esq., and one on **COMMERCIAL LAW**, by several members of the Madison Bar.

The school will be open for Ladies, for whom a separate room is provided.

In addition to the daily sessions, the school will be open four evenings in each week from October to April. Students are instructed individually and can enter at any time. The usual time required by an industrious student to complete a course, is from eight to twelve weeks.

**TERMS:**  
Full Course, time unlimited, in advance, for gentlemen, \$25  
do do do do ladies, 18  
Penmanship alone, per month, ..... 4  
Season commences first Monday in September.

For further particulars, address,  
**D. H. TULLIS, Instructor.**  
Madison, Wis., Aug. 20, 1858.

**Flower Seeds for the Million.**

**WE** Publish on the 1st of February a new descriptive CATALOGUE OF FLOWER SEEDS, containing over 1,000 standard and beautiful varieties, as well as all the novelties of the day, with directions for cultivation.

We send by mail, post paid, and our own selection,—  
25 varieties choice Flower Seeds for \$1 00,  
50 varieties choice Flower Seeds for 2 00,  
100 varieties choice Flower Seeds for 4 00.

**J. M. THORBURN & CO.,**  
12 3 1m] 15 John St., New York.

**Great Valley Nursery on N. Y. & E. R. R.**

**FIFTY MILES EAST OF DUNKIRK.**

**ARBORVITÆ, Hemlock, Spruce, White**  
Pine, Balsam Fir, from forest, under 1 foot, \$7 per 1000, \$60 per 10,000. The two former, nursery grown, \$30 per 1000. Scarlet and sugar maple seedlings, one and two years, 6 to 12 inches, \$3 per 1000, \$20 per 10,000. Plants good.—Packing first rate, for which and delivery at depot no charge. Terms cash. Orders also received and catalogues forwarded by F. K. Phoenix, Bloomington Nursery, Illinois. Post Office, Great Valley, N. Y.  
xiii tf

**S. T. KELSEY & CO.**

**EAGLE MILLS**

**Plaster and Stucco Works.**

**THE SUBSCRIBERS, having the facilities** for furnishing LAND PLASTER, in larger quantities, and in a much finer and purer state than ever before, are now prepared to fill all orders with promptness and at the **LOWEST CASH PRICES.** Every pains have been taken to have the Quarry perfectly DRY, that the Plaster may be taken from its NATIVE BED in all its purity and strength,  
**WARRANTED FREE FROM ALL ROCK OR GRIT.**  
**HOVEY & CO.**

Grand Rapids, Mich., 1859.  
H. & J. F. HILL, Agents, and dealers in Milwaukee, at wholesale prices, and very low.  
xiv tf

**LEWIS BLAKE,**

**JOBBER AND RETAILER OF**

**MILLINERY & FANCY GOODS,**

**EMBROIDERIES, LACES,**

**ALEXANDERS' KID GLOVES,**

**Dress Trimmings, Straw & Silk Hats,**

**&c., &c., &c.**

**NO. 23, WISCONSIN STREET,**

**MILWAUKEE, - - - - - WISCONSIN.**

**CAST STEEL BELLS,**

**For Churches, Academies, Fire Alarms, Factories, &c.**

**FROM SHEFFIELD, ENG.,**

**HAVE** been tested in all climates, Europe and America. Weigh less; cost less per pound; have better tones; can be heard farther than any other bells. They cost 50 per cent. less than

**THE BEST COMPOSITION BELLS,**  
Which are also sold by me at maker's prices.

**BROKEN BELLS TAKEN IN EXCHANGE,**

Or re-cast on short notice: Such bells will nearly pay for Steel Bells of same size.

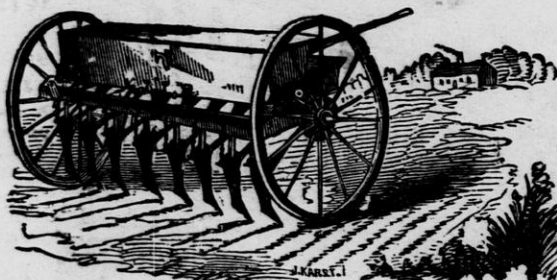
Send for Circular. Bells delivered in all parts of the United States or Canada, by

**JAMES G. DUDLEY,**  
93 Main street, Buffalo, N. Y.

12 3



# STONER'S NEW PREMIUM GRAIN DRILL AND SEEDING MACHINE COMBINED.



**THIS POPULAR MACHINE** is a combination of all the good qualities of other Drills, besides possessing several new principles just put into use. It is to this Drill that the **FIRST PREMIUM** was awarded at the Wisconsin State Fair in 1888, and also at Milwaukee in 1889, which is proof of its superiority over all others. Price of Drill \$70, which is \$15 less than any other Drill in existence, and is the only one manufactured in the State. Farmers cannot do any better than call upon or correspond with the proprietor and manufacturer.

**A. STONER,**  
No. 2 Spring Street, Milwaukee, Wis.

XII III 11



**AS** accidents will happen in well regulated families, it is very desirable to have some cheap and convenient way for repairing Furniture, Toys, Crockery, etc.

## SPALDING'S PREPARED GLUE

meets all such emergencies, and no household can afford to be without it. It is always ready, and up to the sticking point. There is no longer a necessity for limping chairs, splintered veneers, headless dolls, and broken cradles. It is just the article for cane, shell, and other ornamental work so popular with ladies of refinement and taste.

This admirable preparation is used cold, being chemically held in solution, and possessing all the valuable qualities of the best cabinet-makers' glue. It may be used in the place of ordinary mullage, being vastly more adhesive.

**"USEFUL IN EVERY HOUSE."**

N. B. A brush accompanies each bottle.

**Price 25 Cents.**

Wholesale Depot, No. 48 Cedar st., New York.

Address **HENRY C. SPALDING & CO.**  
Box No. 2,600, New York.

Put up for dealers in cases containing four, eight and twelve dozen, a beautiful lithograph show-card accompanying each package.

**4 single bottles of SPALDING'S PREPARED GLUE will save ten times its cost annually to every household.**

Sold by all prominent Stationers, Druggists, Hardware and Furniture Dealers, Grocers, and Fancy Stores.

Country merchants should make a note of SPALDING'S PREPARED GLUE, when making up their list. It will stand any climate.

[xii 10]

**J. A. Carpenter & Co.,**  
**FINE STOCK BREEDERS.**

**HAVE** for Sale **Devon Cattle, South Down Sheep, Essex and Suffolk Hogs, Dorkins Fowls, &c.**  
South Pass, Union Co. Ill.

XI I 11

## THE Mutual Life Insurance Company OF THE STATE OF WISCONSIN.

Office S.E. Corner Main & Wisconsin Streets,  
MILWAUKEE, WIS.

Agent in all the principal towns in Wisconsin & Minn.

**DR. FRANKLIN SAID:** "IT IS A FACT that a policy of Life Insurance is the cheapest and safest method of making provision for one's family," and since his day, *experience* has more fully proved the truth of this assertion. And were it more generally practiced poverty and wretchedness would in a great measure be done away, and widows and orphans not be left destitute, as well as desolate. This Company offers the advantages of Life Insurance on favorable terms. It is a Home Company. Its officers and managers are widely and we believe favorably known throughout the West, and they feel that they have *trust funds* of a peculiarly sacred character in their keeping. Its entire profits are to be divided among the insured, and owing to the lower rate of mortality and the higher rate of interest in our State, these profits must be greater than those of Eastern Companies.

Do not wait for an Agent to call upon you, but go at once and attend to this matter of vital importance to yourself and family.

## TRUSTEES:

S. S. Daggett,	Dr. E. B. Wolcott,	H. L. Palmer,
Lester Sexton,	Sam'l Marshall,	M. Steever,
Geo. B. Miner,	A. H. Feoville,	H. L. Dousman,
J. A. Barber,	Ezra Mittler,	J. A. Dutcher,
C. P. Hsley,	A. G. Wilmans,	D. B. Whitacre,
J. C. Johnson,	James Neil,	Andrew Proudfit,
J. B. Martin,	A. Eldred,	J. Bounell,
D. Newhall,	H. A. Nichols,	M. S. Scott,
D. Nash,	S. C. Hall,	J. Backett,
J. H. Rountree,	B. F. Pixley,	A. Graham,
O. Alexander,	M. C. Darling,	Carl Schurz,
L. G. Fisher,	J. H. Earnest,	S. C. Spaulding.

**S. S. DAGGETT,** President.

**A. W. KELLOGG,** Sec'y. **E. B. WOLCOTT,** Vice Pres't.

**C. D. NASH,** Treasurer.

**S. G. BENEDICT,** Agent.

xii 124]

## Hosford & Seely,

Manufacturers and Dealers in all kinds of **SASH, DOORS AND BLINDS.**  
Orders from the country promptly attended to. Canal water power. Second Ward, Milwaukee, Wis.  
**J. W. HOSFORD.** [xi vii 11] **L. SEELY.**

# WISCONSIN FARMER



VOL. 12.

MADISON, MARCH 1, 1860.

NO. 6

**The Wisconsin Farmer,**  
A MONTHLY JOURNAL,  
Devoted to Agriculture, Horticulture, &c  
PUBLISHED BY D. J. POWERS & Co.

## TERMS OF SUBSCRIPTION.

Single Copies, \$1 per year—Seven Copies, \$6  
—Ten Copies, \$8—Fifteen Copies, \$12—  
Twenty Copies, \$15, and one to the Agent.

## RATES OF ADVERTISING IN THE FARMER.

NO. INSERTIONS	1	2	3	4	5	6	7	8	9	10	11	12
1 line or 1 sq'r	\$2	3	4	5	6	7	8	9	10	11	12	13
2 "	3 1/2	5	6	8	10	12	14	15 1/2	17 1/2	20	21 1/2	23
3 "	5	8	11	14	17	20	22 1/2	25 1/2	28 1/2	30	32 1/2	35
page or 4 "	7	10	13	16	19	22 1/2	25 1/2	28 1/2	31 1/2	34	37	40
5 "	7 1/2	12 1/2	15 1/2	19	22 1/2	26 1/2	29 1/2	32 1/2	35 1/2	38	41	45
6 "	8	13 1/2	17 1/2	21 1/2	25 1/2	29 1/2	33 1/2	37 1/2	41	45	49	52
7 "	9	14 1/2	19 1/2	24 1/2	29 1/2	34 1/2	39 1/2	43 1/2	47 1/2	52	56	60
page or 8 "	10	16 1/2	22 1/2	28 1/2	34 1/2	40 1/2	46 1/2	52 1/2	58 1/2	64	70	76
page,	15	25 1/2	35 1/2	44 1/2	54 1/2	64 1/2	74 1/2	84 1/2	94 1/2	104	114	125
page,	20	31 1/2	40 1/2	50 1/2	60 1/2	70 1/2	80 1/2	90 1/2	100 1/2	110 1/2	120 1/2	135

Our Subscription Lists are filling up rather slowly. Will our friends hasten them as fast as possible; and in all cases forward the pay with them, if possible. We need money badly just now.

The Farmers brought in to be bound are all finished; hope the owners will call or send for them soon; we want them out of the way, and our pay for the binding.

## Hardy Cherries for Western Culture

EARLY Richmond, Large English Morello and several other sorts of Cherries, which uniformly succeed in the West.

A. G. HANFORD,  
Woodside Nurseries, Waukegan, Wis.

## Lawton Blackberry Plants.

THE ORIGINAL VARIETY, unmixed with the common New Rochelle or seedlings of any kind, and to be permanent, hardy and prolific in all climates. For sale, in safe packages, in lots to suit purchasers.

WM. LAWTON, New Rochelle, N. Y.

Circulars free. [xii 5 3]

## Seedling Apple Trees.

SEVERAL thousand thrifty Seedling Apple Trees, five to eight feet high; very cheap.

A. G. HANFORD,

Woodside Nurseries, Waukegan, Wis.

## "GET THE BEST."

**WEBSTER'S UNABRIDGED DICTIONARY.**  
NEW PICTORIAL EDITION.  
1,500 Pictorial Illustrations.

9,000 to 10,000 New Words in the Vocabulary.

Table of Synonyms, by Prof. Goodrich.

Table giving Pronunciation of names of 8,000 distinctive persons of Modern Times.

Peculiar use of Words and Terms in the Bible. With other new features, together with all the matter of previous editions

IN ONE VOLUME OF 1750 PAGES.

PRICE \$6.50. SOLD BY ALL BOOKSELLERS.

"GET THE BEST." GET WEBSTER.

xii 6]

G & C. MERRIAM, Springfield, Mass.

## Fruit Trees,

FOR ORCHARDS AND FRUIT GARDENS

Consisting of the HARDEST and BEST varieties for Western Culture, are now offered for sale by the Subscriber.

Our assortment is very complete and unusually well grown. Wood well ripened, and have wintered safely.

**Ornamental Trees,** Evergreens, Shrubs, &c., &c. of carefully selected and hardy sorts

Selections for the Orchard and Garden, embracing a suitable proportion of each season, so as to afford a regular succession of the finest fruit, will be made when desired.

A new Descriptive Priced Catalogue is now ready, and will be sent to all applicants enclosing a stamp.

A. G. HANFORD

xii 5 3]

Woodside Nurseries, Waukegan, Wis.

## Sweet Potatoes for Sale.

THE NANSEMOND SWEET POTATOE is the only variety that has given entire satisfaction in the North West. My stock now on hand is large, and of the BEST VARIETY, and now offered for spring delivery at \$8 in flour barrels, and \$5 in potato barrels.

I want fifty agents to sprout on shares in each part of the West not yet supplied. All such applicants will be required to give good references. Terms of Agents, with directions for sprouting, raising, &c., sent to applicants enclosing a stamp.

No charge for packing and delivering at Railroads and Express offices. Address,

xii 5 1]

J. W. TEN BR OK,

Rockville, Ind.

**BRINKLEY'S BLACK,**  
IMPROVED AMERICA BLACK, and  
OAT EYE-BEARING RASPBERRIES.  
Myatt's LINNAEUS RHUBARB, the EARLIEST, MOST PRODUCTIVE, and BEST variety for pies, tarts, &c. &c.  
Descriptive Catalogues with prices now ready, and sent to all enclosing stamp.

xii 5 3]

A. G. HANFORD,  
Woodside Nurseries, Waukegan, Wis.

CONTENTS OF THIS NUMBER.

The Agriculture of the State for 1888.....	67
Care of Cows.....	69
Seeding in Soil—continued.....	69
Hints on Plowing—Cross Plowing Improper.....	71
Sugar Cane Seed, and how to plant.....	73
Influence of Agricultural Papers.....	73
Indian Corn—See Method of Culture.....	73
More Testimony against the Dogs.....	73
The Lupine as a Fertiliser and Forage Crop.....	75
Home Patronage.....	75
Smut in Wheat.....	76

STOCK REGISTER.

The value of Corn: talks as Fodder for Milch Cows.....	77
How to keep Winter Cows.....	77
Change of Food for Cattle.....	77
Bakery Horses.....	78
To Prevent Lice on Cattle.....	79
Pickling and Smoking Hams and other Meats.....	79

HORTICULTURAL.

Grape culture in Wisconsin (Illustrated).....	80
Plants for Wisconsin.....	82
Experience in Orchard Growing—How should Trees be Pruned?.....	88
A List of Early Apple Trees.....	84
Tree Plan for the South.....	85
Size of Fruit Trees for Planting.....	85
Cultivation of the Basket Willow.....	86
Rhubarb Wine.....	86
Fruit vs. Meat Diet.....	87

HOME CIRCLE.

"The Rock," in the Valley of El Ghor.....	87
A good Recipe for Vinegar.....	87
Directions for Preserving Fruits, &c.....	89
Westphalian Hams.....	88

FOR THE CHILDREN.

The Crystal Bridge.....	89
Take care of Your Teeth.....	89
Psalm of David.....	89
Education.....	89

MISCELLANEOUS.

The Farmer.....	90
The Sheboygan County Farmers' Club.....	90
What Horace Greeley says of Cook's Evaporator.....	91
The Cooper Institute.....	91
The Times.....	91
The Pennsylvania Oil Springs.....	91
Our Railroads.....	92
Exhibition of Industry of all Nations.....	92
The Farmer's Curse.....	92
Retirement of Mr. Brown from the Patent Office.....	92
How English Duchesses and Countesses Employ their Time.....	93
Educational Interests of Wisconsin.....	93
Mining in the United States.....	93
To Rescue Kate the Drunken.....	94
Don't make a Fool.....	94
Cheap Microscope.....	94
The Toll-Gate of Life.....	95
Take care of your Eyes.....	95
Why does Iron Rust?.....	95
Winter Shoes.....	95
Why do Children die?.....	96

EDITOR'S TABLE.

Spring is at hand—are we ready for it? How to save the State.....	96
The Taxes—What becomes of them?.....	97
The Milk Drain.....	97
Double Milk Drain Flow.....	97
Officers of County Agricultural Societies for 1890.....	97
Legislation.....	99
Sugar Cane Seed.....	99
Literary Notices.....	99
Advertisement Notices.....	99

Dwarf Pears and Apples.

OF the most desirable varieties for the garden, with usually bear fruit in one or two years from planting.

Standard Pears and Apples of many hardy, late sorts, well grown, thrifty trees.

A. G. HANFORD,

xlii 73

Woodside Nurseries, Waukegan, Wis.

The Wethersfield Seed Sower.



ATTENTION

Seedgrowers, Gardeners,

AGRICULTURALISTS,

AND DEALERS IN

Agricultural Implements!

THE above Machine is the invention of T. B. ROGERS, of Wethersfield, Conn., (a space is claimed as a great Seed growing machine) and where large numbers of root or pipe are cultivated. It is there extensively used.

It was awarded the highest Premium at the Connecticut State and Hartford County Fairs.

COMMENTS OF THE PRESS.

Just the implement which farmers and market gardeners have long needed. Every kind and size of seed is sown. Even garden seeds, which have baffled every machine hitherto used, are scattered by Mr. Rogers' implement with just as much precision and evenness as any other seed.—*Hartford Agricultural paper.*

The labor in working is just about equal to trundling an empty wheelbarrow.—*Christian Secretary.*

It is equally well adapted to large or small seed, of regular or irregular form. It sows beans with perfect regularity, and can be changed in an instant for the sowing of cabbage, mustard, or any other seed. Nothing compares to this implement. It makes the drill in the soil, deposits the seed, covers them, and rolls the surface, all in it goes long. IT IS PRECISE, and ALL JUDGES, present at the trial, AGREE UPON THIS POINT.—*Hartford Times.*

Its great advantages are, that it lays the seed with perfect regularity, never crowding any, nor leaving blank spaces, and that no seed can be shot this season. New implement dealer should allow any time to pass without ordering from 15 to 500, according to the largeness of the market. Each \$3.00.

It does better work, and faster, than seed drills that are at double the price.

For particulars send for a circular. Dealers supplied at the usual discount. Their orders should be forwarded immediately, as the supply may be shot this season. New implement dealer should allow any time to pass without ordering from 15 to 500, according to the largeness of the market. Each \$3.00.

RODNEY KELLOGG,

General Agent for the United States.

501 & 505 Commerce St.,

HARTFORD, CONNECTICUT.

February, 1890.

[xlii 1]



## FLOWER SEEDS

BY MAIL!

OUR OWN SELECTION OF

25 varieties for.....	\$1 00
50 " " .....	2 00
100 " " .....	4 00

Persons ordering either of the above assortments may rely upon a beautiful collection.

J. M. THORBURN & CO.,

15 John-st., New York.

BY MAIL!

## FLOWER SEEDS

### New and Rare Flower Seeds.

**CALLERHOE PEDATA**, per pkt 25 cents.  
*Ac. ocellatum* Roseum, per pkt 10 cts.  
*Alonso*, Warsaw csa, per pkt 10 cts.  
*Clarkia* Puhell - Vermetg & Poala, per pkt 25 cents.  
*New An. cula* Flower ed Sweet: William, per pkt 25 cts.  
*Dianthus* bincous Hedlowig, per pkt 50 cts.  
*Dianthus* a Chinese's Lannatus, per pkt 50 cts.  
*Gutt. er. nex* a Gymnas Permo-dea, per pkt 10 cts.  
*Iponica* Tricolor, per pkt 10 cts.

With hundreds of other new varieties, for which see our Flower Seed Catalogue.

Also assortments containing

5 Beautiful varieties *Phlox Drummunda* for 40 cts.  
 7 Beautiful varieties *Poleulcas* for 35 cts.

J. M. THORBURN & CO.,

15 John St., New York.

33 N. B.—*Spergala Pillifera*, per pkt 50 cts.

### Beautiful French Hybrid Gladiolus.

WE have just received fifty named varieties of the above species.

Price from fifteen cents to \$1.50 each.

Also all the other varieties of

GLADIOLUS,

JACOBEAU LILLIES,

TUBEROSES,

TIGER FLOWERS.

&c., &c., &c.

For which see our Flower Seed Catalogue.

J. M. THORBURN & CO.,

15 John St., New York.

### Spring Garden Seeds.

THE MOST COMPLETE ASSORTMENT ever offered to the Public.

Also,

Kentucky Blue Grass,  
 Orchard Grass,  
 Timothy,

Red Top,

Rhode Island Bent Grass,  
 English & Italian Rye Grass.

Lucern,

White and Red Clover,  
 Seed Potatoes, (a choice assortment.)

For descriptions and prices, send for our Catalogue.

J. M. THORBURN & CO.,

15 John St., New York.

## The Perfected Tomato.

POMO D'ORO LESTERIANO.

THIS New Species of Tomato, which has been brought to perfection by C. EDWARDS LESTER Esq., after many years of experiment, in Italy and the United States, has been pronounced by Agricultural Fairs, Farmers' Clubs, Horticulturists, Chemists and Epicures, to be in all respects superior to any other species. It excels in size, delicacy of flavor, thinness of skin, fewness of seeds, solidity of meat, prolific bearing, and ease of culture. It matures quicker, and hangs longer on the vine than any other.

We have a small supply of seed saved by Mr. Lester last season.

Price, per Packet, containing 24 Seeds, 25 cents.

If ordered by mail a three cent stamp must be added, for return postage.

J. M. THORBURN & CO.,

15 John-st., New York.

### New and Valuable Squashes.

SEEDS of the Honolulu per packet	25c
Golden Green Japan	25c
White Leghorn	25c
M. mouth Cuba	25c
Mammoth Chili	25c
Improved Lima Marrow	25c
Hubbard, per 100	\$1 50c
" " dozen	20c
Fine Seven Year Pumpkin per packet	25c
Sandwich Island	25c

J. M. THORBURN & CO.,

15 John-st., New York.

### Tree and Shrub Seeds.

NORWAY SPRUCE per hundred	75
European Silver Fir	\$1 00
Balsam Fir	3 00
Hemlock Spruce (clean seed)	6 00
American Arbor Vitae	6 00
Chinese do	3 00
Stone Pine	1 50
Black Austrian Pine	3 00
Scotch Fir	1 50
Scotch Larch	4 00
American Bald Cypress (beautiful) per qt	30
Strawberry Tree ( <i>Arbutus Unedo</i> ) per oz.	40
Hop Tree, per oz.	25
Buckthorn, per hundred	1 00

Tree Seed Catalogues on application to

J. M. THORBURN & CO.,

15 John-st., New York.

### Pear Seed! Pear Seed!!

WE have still on hand a small quantity of

Pear Seed (Imported)	\$1 50 per hundred
Pear Seed (American)	5 00
Apricot Pits	75
Apple Seed	7 00 per bushel

J. M. THORBURN & CO.,

15 John-st., New York.

211 v 1)

## Fruit and Ornamental Trees, For Spring of 1860.

**ELLWANGER & BARRY** solicit the attention of Planters, Nurserymen, Dealers, and others, to their large and fine stock of **FRUIT AND ORNAMENTAL TREES, SHRUBS AND PLANTS**, which they offer at wholesale and retail. All who intend to purchase trees this Spring in large or small quantities, will do well to consult the catalogue named below. Our new Descriptive Fruit Catalogue is now ready for distribution. In general terms, the stock may be enumerated in part as follows, viz:

**STANDARD FRUIT TREES FOR ORCHARDS.**  
embracing all the most esteemed and valuable sorts for different parts of the country.

**Dwarf Trees for Gardens.**—All the best varieties adapted to garden culture in this form.

**Grapes.**—Hardy varieties, including  
Delaware, Hartford Prolific, Emily,  
Diana, Rebecca, Raabe,  
Concord, Clara, Brinkie, &c.

**Grapes, Foreign,** for vineries, including the Muscat Hamburg, Stockwood Golden Hamburg, Lady Downs, Buckland's Sweetwater, &c.

**Strawberries.**—All the American and foreign varieties of proved excellence in this country.

**Blackberries.**—Dorchester and New Rochelle or Lawton, of the latter, a great stock of strong plants.

**Gooseberries.**—The best English sorts, and a great stock of the American Seedling, that bears wonderful crops and is exempt from mildew.

**Currants.**—White Grape, (the largest and best white Currant), Victoria, Red Dutch, Black Naples, &c.  
**English Filberts and Spanish Chestnuts.**  
Five—Several finest sorts.

**Rhubarbs.**—Linnaeus, Giant, Victoria, and several new and fine English sorts.

### FRUIT TREES FOR ORCHARD HOUSES.

**Dwarf Maiden Trees.**—Of Apple, Pear, Plum, Cherry, Apricot, &c., of the finest sorts for pot culture or Orchard houses. Suitable selections made by E. & B. if desired.

### ORNAMENTAL DEPARTMENT.

The stock in this department is the largest and best we have ever before offered, and embraces everything desirable, new and old, among

Deciduous Ornamental Trees, Paeonias,  
Evergreen Trees, Dahlias,  
Flowering Shrubs, Phloxes,  
Climbing Shrubs, Border Plants,  
Roses.

**Bulbous Roots.**—Summer flowering, including Amaryllis, Gladiolus, Lilies, Japan, &c.; *Tuberose, Tigridia, Tritonia Aurea, Colchicum, &c.*

### STOCKS FOR NURSERYMEN.

PEAR SEEDLINGS, our own growth, 1 and 2 years.

\*HARDY CHERRY, 1 year.

MAHAR CHERRY, 1 and 2 years.

QUINCE STOCKS, 1 year from cuttings.

For full and detailed information respecting the stock, prices, terms, &c., we refer to the following Catalogues, which will be sent gratis, pre paid, to all who enclose one stamp for each:

- No. 1.—Descriptive Catalogue of Fruits
- No. 2.—Descriptive Catalogue of Ornamental Trees, Shrubs, Roses, &c., &c.
- No. 3.—Descriptive Catalogue of Dahlias, Greenhouse and Bedding Plants, &c.
- No. 4.—Wholesale Catalogue for Nurserymen, Dealers and others, who purchase in large quantities.

**ELLWANGER & BARRY,**  
Mount Hope Nurseries, Rochester, N. Y.

xl 5 1]

## Albany Tile Works.

Cor. Clinton Av. and Knox-st., Albany, N. Y.

**THE** Subscribers being the most extensive manufacturers of **DRAINING TILE** in the United States, have on hand, in large or small quantities, for Land Draining, **ROUND, SOLE and HORSE-SHOE TILE**, warranted superior to any made in this country, hard burned, and over one foot in length. Orders solicited. Price list sent on application.

xl vii 12

C. & W. McCAMMON, Albany, N. Y.

## LOUBON & ROBINSON'S

## Badger State Nurseries,

JANESVILLE, WIS.

**THE PROPRIETORS** beg leave to call the attention of all lovers of **FRUIT AND ORNAMENTAL TREE CULTURE**, to their extensive Stock of **FRUIT AND ORNAMENTAL TREES AND SHRUBS**. In their Nurseries are cultivated **Trees** of all kinds and varieties usually found in this latitude.

Our nurseries occupy about thirty-six acres, and number over eight hundred thousand trees. We have raised them on soil that never was manured. This we suggest as an important consideration for Western cultivators, who desire healthy and hardy trees.

The trees under culture have been selected with especial reference to their adaptation to the soil and climate of the North-West. Trees of the age of four years and over, passed unscathed the unprecedented cold winter of 1855 and '56, showing them to be perfectly hardy. We invite all persons who wish to purchase trees, or feel an interest in the business, to visit our establishment and examine our stock.

Railroads emanate in all directions from this place, thus affording unusual facilities for sending trees to all parts of the country. Our Nurseries are under the immediate management of the Proprietors, and receive their personal attention, the result of which is a correct nomenclature.

In filling orders or trees, we desire that the selection of varieties may be left to us to a certain extent, as we sometimes run short of some sorts. Purchasers can rest assured that when the selection is left to us, they will have sent them the best and leading varieties.

The terms of payment must be cash or satisfactory note. All orders by mail will be promptly attended to.

Any person can be provided with a catalogue by remitting a postage stamp.

[xl 5 2]



**AS** accidents will happen in well regulated families, it is very desirable to have some cheap and convenient way for repairing Furniture, Toys, Crockery, etc.

### SPALDING'S PREPARED GLUE

meets all such emergencies, and no household can afford to be without it. It is always ready, and up to the sticking point. There is no longer a necessity for limping chairs, splintered veneers, headless dolls, and broken cradles. It is just the article for cone, shell, and other ornamental work so popular with ladies of refinement and taste.

This admirable preparation is used cold, being chemically held in solution, and possessing all the valuable qualities of the best cabinet-makers' glue. It may be used in the place of ordinary mastic, being vastly more adhesive.

**"USEFUL IN EVERY HOUSE."**

N. B. A brush accompanies each bottle.

**Price 25 Cents.**

Wholesale Depot, No. 48 Cedar st., New York.

Address **HENRY C. SPALDING & CO.,**  
Box No. 3,600, New York.

Put up for dealers in cases containing four, eight and twelve dozen, a beautiful lithograph show-card accompanying in each package.

**ES** A single bottle of **SPALDING'S PREPARED GLUE** will save ten times its cost annually to every household.

Sold by all prominent Stationers, Druggists, Hardware and Furniture Dealers, Grocers, and Fancy Stores.

Country merchants should make a note of **SPALDING'S PREPARED GLUE**, when making up their list. It will stand any climate.

[xl 6]

# FARMERS, SAVE YOUR HAY & FODDER! BY CUTTING IT BEFORE FEEDING!

THE COMBINED HAND AND HORSE POWER

## CLIMAX

### HAY, STRAW, & CORN-STALK CUTTER!

IS NOW COMPLETE IN ALL ITS IMPROVEMENTS over all other First Class Machines. It is as perfect as a Feed Cutter as Fairbanks' Scales is as a Weigher. They are now being extensively manufactured at Madison, and other places in the State, and are meeting with a rapid sale to the best Farmers, Stock Feeders and Livery Stable Men to any and all who have used them we would refer parties wishing to purchase. We will warrant the Climax Machine to cut from three to five times as much of any kind of forage, with the same power, and with equal ease, as any of the cheap wooden machines, and to outlast a hundred of them. With careful usage the "Climax Cutter" will last a Life-time, and twice or thrice pay for itself every year. Hence there is no machine so cheap to the purchaser.

**PRICE \$85.**

The above Machines will from this date be sold at reduced price, when ordered directly from me, for the purpose of closing out the business of the year.

Madison, Oct. 20th, 1850

XI XI 17

**D. J. POWERS,**  
Wisconsin Farmer Office, Madison, Wis.

### Elgin Nurseries.

FRUIT AND ORNAMENTAL TREES.

TEN active salesmen wanted that can make from one to three hundred dollars per month each. We invite the attention of nurserymen, tree dealers and farmers in all the Great West to our very extensive stock of Trees, Plants and Shrubs, of varieties and qualities the most valuable and excellent.

This nursery now occupies about forty acres of land. The qualities of trees and stock, both in size and thriftiness is not excelled either East or West. Especial care has been taken to cultivate such hardy varieties as will endure a prairie climate. Our fruit trees consist of—

Standard Apple, 3 to 4 years old, strong and healthy.

Pear, 2 to 3 do do

Cherry of hardy varieties.

Currants—Red, White, Black, Victoria and Red Grape.

Gooseberries—Houghton Seeding which never mildews.

Blackberries—Lawton and Thornless

Raspberries—Several of the most valuable varieties.

Strawberries—including Wilson's Albany and Hooker's

Seedling.

Ornamental—Evergreens, Norway Spruce, Scotch, Wey-

mouth and Black Austrian Pines and American Arborvitae.

Deciduous Trees, Tyrolean Larch, European Mountain Ash,

Black Walnut and Silver Maple.

Seedlings—Apples first quality, Sugar Maple, Silver do.,

White Ash and Horse Chestnut. Also a quantity of Elm

Seedlings 3 years old.

Our long and successful experience in selecting ground

and cultivating fruit in orchards, enables us to publish and

contribute gratuitously to each who may send us their orders

such instructions as will, if followed, insure success in

fruit raising.

All orders and enquiries will be promptly answered.

**D. CHEICHESTER SCOFIELD,**

Successor to L. K. SCOFIELD & CO.

Elgin, Kane Co., Ill., Aug., 1859. XI IX

**WALDO J. LEMORE,**

IMPORTER AND DEALER IN

**China, Glass and Earthen Ware,**

*House Furnishing Wares,*

**LAMPS, AND CORNELIUS' GAS FIXTURES,**

**And Manufacturer of Looking Glasses.**

No. 163 East Water-St., Milwaukee.

XI VI 17

### NOTICE:

To Machinists, Foundrymen,

AND

## BOILER MAKERS!!

THE SUBSCRIBERS, wishing to change their business, will sell all the Tools and Machinery of the GLOBE IRON WORKS, in the City of Milwaukee, Wis., consisting of Lathes, Iron Planers, Drills, Screw Cutting Machine, with Taps and Dies, Wood Turning Lath, Circular and Scroll Saws, Shafting, Pulleys, Hangers and Belting, Vices, Work Benches and Hand Tools, Blacksmith's Tools, full and complete sets of Boiler Maker's Tools, such as Punches and Shears, Rollers, Flange Books, Drill and Hand Tools. The Foundry has everything for large and extensive works, such as Cupola and Blower, Backing Mill, Cranes, Crowbars, Core Arrangements, Clamps, Shovel, Core Pates, Patterns and Flasks. Also, the Steam Engine and Boiler, complete, used for the motive power of the Works. The Tools, &c., were all purchased new from the best manufacturing establishments East, and were selected with a great deal of care, and are not excelled for strength, true-ness and convenience in any shop in the West, and having been in use but a short time, are all in complete working order and nearly as good as new. They will be sold cheap, separately or together. Part of the purchase money must be paid down, the balance time will be given on good approved paper. We will also sell or lease on reasonable terms, for five or ten years, the Real Estate, which consists of four Lots, with main building seventy by thirty feet, three stories high, with two wings, one sixty by thirty feet, the other being one hundred and thirty by forty feet, forming an L, together with engine room, all brick buildings, erected on a substantial piled foundation, in a central business part of the city, and convenient to the river and the railroad, and would be a good point for a Flouring Mill, or for any other manufacturing Works.

We also have a few of "Danford's Reaper & Mowers," left over from last season, that we will sell at a reduced price, below first cost.

Any notes or accounts against us, either due or maturing, will be received in payment for any of the above property.

We would state to our customers and patrons, that we have made arrangements in this city for manufacturing and repairing any Machinery, Reapers and Mowers, Feed Mills and Sugar Mills, that have been made by us, and all orders will be promptly filled.

L. L. LEE & SON,  
Proprietors of the Globe Iron Works.

XII 4



## For Sale at a Great Bargain! —THE— Mendota Foundry & Machine Shop,

Located in Madison, Wisconsin, a snug and ample establishment for making Castings, Machinery of various kinds, and for REPAIRING, in all its branches.

**THIS Establishment is almost new,** and in complete running order throughout, with a considerable amount of stock on hand for the Foundry.

It is the only Establishment of the kind in the large County of Dane, or within about forty miles in any direction. Embracing more than 50,000 inhabitants within the circuit of its business.

IT MUST BE SOLD, under an assignment; and therefore can be bought at a GOOD BARGAIN, and time given on a portion of the purchase money.

Those wishing to embark in a good business of this kind, cannot find a better location in the whole country, nor a better bargain.

Enquiries by letter will be promptly answered, and an early examination of the property is solicited.

Address: D. J. POWERS, Assignee  
of P. H. TURNER.  
MADISON, JANUARY, 1860. XII II 11

## S. H. Donnel, Architect OPPOSITE WRIGHT & PAINE'S DRUG STORE, KING ST., MADISON.

**DEALER in Sash, Doors, and Blinds.**  
Sash Primed and Glazed, Glass, Putty, Stained and Ground Glass, Paints and Oils, Newsels and Ballasters, Pine Mouldings for inside finish, Water Lime, Rosendale Cement, Plaster Paris, Marble Dust, Hot Air Furnaces, Registers, Ranges, Ventilators, Marbleized Iron, Marble and Slate Mantels and Grates, Iron Window Caps and Sills, Verandahs, Fences, Store Fronts, Columns, Brackets and Sash Weights, Terra Cotta Ornaments such as Chimney Tops, Vases, Flower Pots, &c., Encaustic Tile for floors, and in fact anything wanted in the house furnishing line. Those wishing anything in this line will find it to their interest to call.  
XIV II

## HOWE'S IMPROVED HAY OR CATTLE SCALES THE BEST IN USE!

**FIRST PREMIUM OVER FAIRBANKS, at**  
Vermont State Fair, '57 and '58.  
**FIRST PREMIUM** and no competition in 1859.  
**FIRST PREMIUM** at 5 different state fairs.  
**SILVER & BRONZE MEDALS** at American Institute Fair, N. Y., 1859.

Howe's SCALES for ALL USES, have Great Simplicity, Wonderful Accuracy.

Require no Pit; may be set on top of the ground, or on a barn floor, and easily removed.

No U-ack Rod; no friction on Knife Edges; all friction received on ball. Weigh truly if not level.

Delivered at any Railroad Station in the United States or Canada, set up and warranted to give entire satisfaction, or taken back.

Send for Circulars and price lists, with account of trial of Scales between Howe and Fairbanks, at Vermont State Fair, to  
JAMES G. DUDLEY,  
General Western Agent, 98 Main street,  
Buffalo, N. Y.

## Great Valley Nursery on N. Y. & E. R. R. FIFTY MILES EAST OF DUNKIRK.

**ARBOVITE, Hemlock, Spruce, White Pine, Balsam Fir,** from forest, under 1 foot, \$1 per 1000, \$20 per 10,000. The two former, nursery grown, \$25 per 1000. Scarlet and sugar maple seedlings, one and two years, 6 to 12 inches, \$3 per 1000, \$30 per 10,000. Plants good-looking first rate, for which and delivery at depot no charge. Terms cash. Orders also received and catalogues forwarded by P. K. Phoenix, Bloomington Nursery, Illinois. Post Office, Great Valley, N. Y.  
XIII II

S. T. KEISEY & CO.

## Milwaukee Mutual FIRE INSURANCE COMPANY! CAPITAL, \$100,000.

OFFICE, NOS. 3 & 4, MARTIN'S BLOCK,  
MILWAUKEE, - - - - - WISCONSIN.

The Oldest Company in the State!

**As only isolated dwellings and barns,** with their contents, are insured, (no risks being taken on stores, taverns, mills, shops, &c.,) Farmers are presented with an unequally safe and cheap means of insurance.

**DIRECTORS:**

S. S. DAGGETT, A. GEEULICH, J. H. VAN DYKE,  
E. CRAMER, E. D. HOLTEN, H. FESS, Jr.,  
H. L. PALMER, G. BARRY, J. B. MARTIN,

P. B. HILL, Secretary, S. S. DAGGETT, President.  
J. B. MARTIN, Vice Pres't. M. L. SKINNER, Office Agt.  
Those desiring insurance on conferring with any authorized Agent in their vicinity, if any, or by writing to the office agent, giving a description of the property insured, will meet with prompt attention. May, 1857. 11

## LEWIS BLAKE,

JOBBER AND RETAILER OF

## MILLINERY & FANCY GOODS,

EMBROIDERIES, LACES,

ALEXANDERS' KID GLOVES,

Dress Trimmings, Straw & Silk Hats,

&c., &c., &c.

NO-23, WISCONSIN STREET,

MILWAUKEE, - - - - - WISCONSIN.

## CAST STEEL BELLS,

For Churches, Academies, Fire Alarms,  
Factories, &c.

FROM SHEFFIELD, ENG.,

**HAVE** been tested in all climates, Europe and America. Weigh less; cost less per pound; have better tones; can be heard farther than any other bells. They cost 50 per cent. less than

THE BEST COMPOSITION BELLS,

Which are also sold by me at maker's prices.

BROKEN BELLS TAKEN IN EXCHANGE,

Or re-cast on short notice. Such bells will nearly pay for steel Bells of same size.

Send for Circular. Bells delivered in all parts of the United States or Canada, by

JAMES G. DUDLEY,  
128 98 Main street, Buffalo, N. Y.

## Law Blanks.

**THE** Subscriber has removed his large stock of Law Blanks to Madison, and is prepared to furnish them to dealers, lawyers and others, at greatly reduced prices. The stock comprises nearly all the forms of Deeds, Mortgages, Quitclaims, Land Contracts, Money Bonds, Judgment Notes, Assignment and Satisfaction of Mortgage, Leases, Chancery Mortgages, &c., &c., used in the State.

## NEW CODE BLANKS,

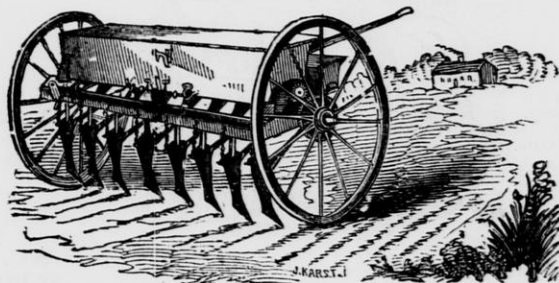
A large variety, got up with great care, under the supervision of the best lawyers in the State. Call at the Wisconsin Farmer Office.

Orders by Express filled promptly.

Address,  
MILW

T. D. FLUMB,  
Box 17, Madison, Wis.

# STONER'S NEW PREMIUM GRAIN DRILL AND SEEDING MACHINE COMBINED.



THIS POPULAR MACHINE is a combination of all the good qualities of other Drills, besides possessing several new principles just put into use. It is to this Drill that the **FIRST PREMIUM** was awarded at the Wisconsin State Fair in 1858, and also at Milwaukee in 1859, which is proof of its superiority over all others. Price of Drill \$70, which is \$15 less than any other Drill in existence, and is the only one manufactured in the State. Farmers cannot do any better than call upon or correspond with the proprietor and manufacturer.

XII III tf

**A. STONER,**  
No. 2 Spring Street, Milwaukee, Wis.

## THE

### Mutual Life Insurance Company OF THE STATE OF WISCONSIN.

Office S.E. Corner Main & Wisconsin Streets,  
MILWAUKEE, WIS.

Agents in all the principal towns in Wisconsin & Minn.

**DR. FRANKLIN SAID:** "IT IS A FACT that a policy of Life Insurance is the cheapest and safest method of making provision for one's family," and since his day, *experience* has more fully proved the truth of this assertion. And were it more generally practiced poverty and wretchedness would in a great measure be done away, and widows and orphans not be left destitute, as well as desolate. This Company offers the advantages of Life Insurance on favorable terms. It is a *Home Company*. Its officers and managers are widely and we believe favorably known throughout the West, and they feel that they have *trust funds of a peculiarly sacred character* in their keeping. Its entire profits are to be divided among the insured, and owing to the lower rate of mortality and the higher rate of interest in our State, these profits must be greater than those of Eastern Companies.

*Do not wait for an Agent to call upon you, but go at once and attend to this matter of vital importance to yourself and family.*

#### TRUSTEES:

S. A. Daggett,	Dr. E. B. Wolcott,	H. L. Palmer,
Lester Sexton,	Sam'l Marshall,	M. Steever,
Geo. B. Miner,	A. H. Foville,	H. L. Dousman,
J. A. Barber,	Ezra Miller,	J. A. Dutcher,
E. P. Hiley,	A. C. Wilmans,	D. B. Whitacre,
J. C. Johnson,	James Nell,	Andrew Proudfit
E. B. Martin,	A. Eldred,	J. Bonnell,
D. Newhall,	H. A. Nichols,	M. S. Scott,
D. Nash,	S. C. Hall,	J. Hackett,
J. E. Rountree,	B. F. Pixley,	A. Graham,
A. Alexander,	M. C. Darling,	Carl Schurz,
G. G. Fisher,	J. H. Earnest,	S. C. Spaulding.

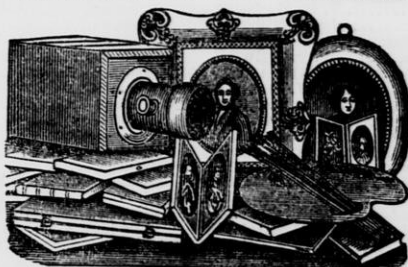
S. S. DAGGETT, President.  
A. W. KELLOGG, Sec'y. E. B. WOLCOTT, Vice Pres't.  
G. D. NASH, Treasurer.  
S. G. BENEDICT, Agent.

### Hosford & Seely,

Manufacturers and Dealers in all kinds of  
**SASH, DOORS AND BLINDS.**  
Orders from the country promptly attended to. Canal  
water power. Second Ward, Milwaukee, Wis.  
J. W. HOSFORD. [xi vii tf] L. SEELEY.

## Fuller's Temple of Art!

UNITED STATES BLOCK, CORNER PINCKNEY &  
MAIN STREETS,  
Madison ..... Wisconsin.



### DAGUERREOTYPES,

### PHOTOGRAPHS,

### AMBROTYPES, &C.

**PICTURES for mailing at a very low price.** Ambrotypes and Daguerreotypes enlarged and copied in Photographs.

This is the largest Gallery in the State, and the **ONLY ONE IN MADISON**, where pictures are made that will **STAND THE TEST OF TIME.**

Call and examine specimens, several hundreds of which are on exhibition.

XI XI

JOHN S. FULLER.



## Patterns and Castings,

AT

No. 2 Spring St., opposite the Chamber  
of Commerce, Milwaukee, Wis.

**I will make to order PATTERNS and MODELS** for every variety of machinery and architecture. I will also furnish **IRON and BRASS CASTINGS** in large or small quantities.

Light machinery, new inventions, and all designs in wood and iron, will receive particular attention.

XI XI

A. S. TONER.

# FARMERS! ARE YOU INSURED?

**B. G. RIPLEY, President.**  
**T. A. ALEXANDER, Vice Pres't.**  
**THOS. K. BRACE, Jr. Secretary.**  
**J. B. BENNETT,**  
 General Agent, Cincinnati, Ohio.



INCORPORATED

1819.

Charter Perpetual.

**CASH CAPITAL,**  
 Capital and Surplus,

**\$1,500,000!**

**\$2,194,100.02.**

**THIS** old established Company gives especial attention to the insurance of

*Farm Buildings, Barns and Out Buildings, Furniture, Grain, Stock, &c.,*  
 for terms of 1 to 5 years. For this class of property, a scale of rates has been fixed low enough to enable every farmer to insure his property. Dwellings, stores, warehouses, taverns, manufactories, &c., insured as low as is consistent with solvency and fair profits.

**LOSSES EQUITABLY ADJUSTED AND PROMPTLY PAID.**

UPWARDS OF \$12,000,000 of Losses have been paid by the Aetna Insurance Co., in the past forty years. Agencies in all the principal cities and towns throughout the State. Policies issued without delay, by any of the following duly authorized Agents of the Company. Apply to the nearest local agent.

**W. H. WYMAN, State Agent, Madison.**

Appleton.....**JOHN ELLIOTT.**  
 Baraboo.....**H. H. POTTER.**  
 Brodhead.....**E. A. MCNAIR.**  
 Beloit.....**T. L. WRIGHT.**  
 Berlin.....**J. H. TURNER.**  
 Beaver Dam.....**G. E. REDFIELD.**  
 Caswell.....**W. P. DEWEY.**  
 Chippewa Falls.....**JAMES A. TAYLOR.**  
 Columbus.....**R. W. CHADBOURN.**  
 Delavan.....**N. M. HARRINGTON.**  
 Darlington.....**W. H. ALLYN.**  
 East Troy.....**J. E. STONE.**  
 Edgerton.....**R. S. PASSETT.**  
 Elkhart.....**J. A. PERRY.**  
 Eau Claire.....**H. C. PUTNAM.**  
 Fox Lake.....**G. W. BURCHARD.**  
 Fond du Lac.....**W. T. GIBSON.**  
 Fort Atkinson.....**N. F. HOPKINS.**  
 Geneva.....**B. D. RICHARDSON.**  
 Grand Rapids.....**POWERS & LANG.**  
 Green Bay.....**H. S. BAIRD.**  
 Horizon.....**W. H. BUTTERFIELD.**  
 Hazel Green.....**CHANDLER & YORK.**

Hudson.....**S. CURTIS SIMONDS.**  
 Janesville.....**H. W. COLLINS.**  
 Jefferson.....**D. OSTRANDER.**  
 Kilbourn.....**G. J. HANSEN.**  
 Kenosha.....**L. G. MERRILL.**  
 Lancaster.....**H. H. HYDE.**  
 La Crosse.....**THEO. BODOLF.**  
 Mauston.....**JOHN TURNER.**  
 Menasha.....**F. W. PERRY.**  
 Madison.....**W. H. WYMAN.**  
 Milwaukee.....**W. H. HOLLAND.**  
 Mineral Point.....**R. L. READ.**  
 Manitowish.....**S. A. WOOD.**  
 Monroeville.....**E. A. WEST.**  
 Mazomanie.....**R. E. WATERHOUSE.**  
 Kilbourn.....**G. VANSTEENWYCK.**  
 Neenah.....**C. C. TOWNSEND.**  
 New Lisbon.....**M. MCQUEEN.**  
 Oconto.....**J. F. WOODRUFF.**  
 Oshkosh.....**C. H. BRUSH.**  
 Osaunee.....**S. A. WHITE.**  
 Pepin.....**HENRY D. BARRON.**

Platteville.....**J. H. BOUNTREE.**  
 Portage.....**D. VANDERBEEK.**  
 Prescott.....**F. V. WISE.**  
 Potosi.....**J. W. SEATON.**  
 Prairie du Chien.....**E. A. BRUNSON.**  
 Racine.....**DURAND & SEYMOUR.**  
 Ripon.....**H. L. EGGLESTON.**  
 Richland Centre.....**FRIEST & MINER.**  
 Reedsburg.....**WM. HASKELL.**  
 Sheboygan.....**EUGENE GARY.**  
 Shullsburg.....**M. HOLLISTER.**  
 Stevens Point.....**WILLIAM MCNAIR.**  
 Stoughton.....**S. T. BUCKMAN.**  
 Sparta.....**E. S. WHITAKER.**  
 Superior.....**WM. B. PERRY.**  
 Bank City.....**G. B. BUREOWS.**  
 Viroqua.....**J. F. TERHUNE.**  
 Watertown.....**J. A. HALL.**  
 Waukesha.....**WM. SOPER.**  
 Waupun.....**WINFIELD SCOTT.**  
 Weyauwega.....**JNO. FORDYCE.**  
 Waupun.....**W. H. TAYLOR.**  
 Whitewater.....**C. MONTAGUE.**

## F R SALE.



**THE PREMIUM CAST IRON CORN AND COB MILL.**  
**"BIG INJUN."**

Price \$35.00 cash, or marketable produce. Office at No. 2 Spring St., Milwaukee, Wis. Trial will be made of each Mill before delivering, (if desired,) so that none need purchase in doubt.

This new and already celebrated MILL took the first premium over the best Mills of this State and Illinois, at the late State Fair held at Milwaukee. It is a Sweep Mill, and particularly adapted the Farmers who have no machinery, although it can be more readily attached to machinery than any other Mill of the kind. The Mill is a light draught for one horse, and will grind as much as any other Mill in use. Its grinding surfaces can be changed for large and small grain, and renewed for comparatively nothing. All are respectfully invited to examine and see that what I say is true.

All orders and communications will be promptly attended to.  
**A. STONEK.**

## PROTECTION FOR FARMERS!

**THE** Directors of the **DODGE COUNTY MUTUAL** (strictly a Farmers') **INSURANCE COMPANY** are gratified that they are enabled to state that this Company is doing a *Large, Prosperous and SAFE* business, paying all losses promptly, and taking no extra-hazardous risks. Its character as a well conducted, reliable, and prompt paying institution has become well established, and shall be maintained.

It is emphatically a *Farmers' Insurance Company*—we take no risks except farm property and isolated dwellings, and rely upon our manner of doing business to secure the confidence and patronage of the Farmers of our State.

Policies issued on both the cash and mutual plan.  
**WM. G. McELRGY, Director.** **GEO. B. BLY, President.**  
**LOGAN GRAVES, do** **E. BARKER, Vice Pres't.**  
**MATTHEW L. COE, do** **EDWIN HILLYER, Sec.**  
**JAS. T. HILLYER, do** **JOHN WARE, Treasurer.**  
**L. B. HILLS, Acting Director.** **E. BARKER, Gen'l Agent.**  
 in 81y

**HERRING'S PATENT**  
**FIRE AND BURGLAR PROOF SAFES,**  
**WITH HALL'S PATENT POWDER-PROOF LOCKS,**  
 HAVE NEVER FAILED in more than three hundred disastrous fires.

**THE SAFEST AND BEST SAFE IN USE.**

Delivered to any Railroad Station in the United States or Canada, at the very lowest rates, by  
**JAMES G. DUDLEY, Sole Agent,**  
 at 36 Main Street, Buffalo, N. Y.



# FARMERS' INSURANCE COMPANY.

## REPORT OF THE MADISON MUTUAL INSURANCE CO.,

Made to the Governor of the State of Wisconsin, as required by the provisions of Chapter 103 of the General Laws of 1850.

Total amount of accumulations.....	\$39,080 95
<b>ASSETS.</b>	
Premium Notes of policy holders.....	\$35,462 46
Cash on hand and due from agents.....	2,986 02
Amount due secured by mortgage and in judgment.....	332 47
Office furniture and fixtures.....	300 00
	<u>\$39,080 95</u>

Whole number of Policies issued.....	4807
Amount of outstanding risks thereon.....	\$2,469,950 49
Amount of losses adjusted and unpaid.....	None.
Amount of losses unadjusted and unpaid.....	None.
Number of Policies issued in 1859.....	1187
Amount of outstanding risk thereon.....	\$1,140,076 00
Amount of Premium Notes rec'd thereon.....	17,109 32
Amount of cash premium rec'd thereon.....	11,059 04
Amount of losses paid (19 in number).....	2,409 45
Amount of commissions paid Agents.....	3,817 70
Amount of expenses paid, including all com- pensation of officers, printing, advertising, rent, postage, furniture, and all other inci- dental expenses.....	3,817 51

### STATE OF WISCONSIN, } ss. DANE COUNTY,

We, the undersigned, being the President and a majority of the Directors of the *Madison Mutual Insurance Company*, do solemnly swear, and each for himself oath, that the foregoing is a true and correct statement of the affairs of said Company, in the particulars therein named, as appears by the books of said Company, according to the best of their knowledge and belief.

N. W. DEAN, President.  
D. J. POWERS, Vice Pres.  
DAVID ATWOOD, Secretary.  
GEO. F. HASTINGS, Director.  
B. F. HOPKINS, do.  
WM. DUDLEY, do.  
JAMES MORRISON, do.

Subscribed and sworn to before me this 6th day of January, 1860.

T. D. PLUMB,  
Notary Public, Dane Co., Wis.

### LOSSES PAID IN 1859.

Feb. 23—Loss of S. H. Coleman, Juneau, Dodge Co.	\$10 00
do do J. W. Seaman, Richland City, Richland Co.	10 00
April 23—Loss of Fannie Plummer, Maunston, Juneau Co.	15 00
August 27—Loss of George F. Taylor, Madison, Dane Co.	15 50
August 27—Loss of Nelson Sickles, Waterloo, Jef- ferson Co.	690 38
Oct. 31—Loss of A. L. Beebe, Dunn, Dane Co.	650 00
Nov. 25—Loss of J. B. Barber, Juneau, Dodge Co.	68 00
do do Jas. K. Main, do do	408 57
do do Thos. Mayhew, Merton, Wauke- sha Co.	27 00
Dec. 31—Loss of W. N. Seymour, Madison, Dane Co.	20 00
Dec. 23—Loss of Wm. Edwards, Sugar Creek, Wal- worth Co.	400 00
Dec. 23—Loss of Leonard Hatch, Kenosha, Ken- osha Co.	100 00
	<u>\$2,409 45</u>

As will be seen by the above Report, the Company has done a very successful business during the past year, notwithstanding the extreme hard times. The condition of the Company was never more prosperous. After paying every loss, and every item of indebtedness, there is still a surplus of \$2,986 02 in hand and due from Agents; and

this has all been accomplished from the receipts of the business, without a resort to any assessment upon the premium notes held by the Company. Such a result, in a year of extreme financial embarrassment, must be gratifying to every member of the Company. The Company has been in operation nine years, and made but two small assessments. Let farmers, desiring insurance in a cheap and safe company, examine the figures in the above Report.

The officers of the **MADISON MUTUAL FIRE INSURANCE COMPANY**, for the year 1860, are as follows:

### DIRECTORS.

N. W. Dean,  
B. F. Hopkins,  
James Morrison,  
O. C. Washburne,  
J. W. Boyd,  
S. H. Vandercook,  
D. J. Powers,  
Geo. F. Hastings,  
William Dudley,  
G. F. Taylor,  
H. H. Giles,  
David Atwood,

### L. W. Hoyt,

### OFFICERS.

N. W. DEAN..... President.  
D. J. POWERS..... Vice President.  
DAVID ATWOOD..... Sec'y and Treas.  
GEO. F. HASTINGS..... General Agent.

### Reasons why Homestead P sured in this Company:

1. It is a Wisconsin institution, located at the Capital of the State, thus affording every facility for members to institute inquiry into its business operations, and for the settlement of losses through their representatives in the Legislature and State officers.

2. It is a Mutual Company, thus affording cheaper rates and greater security than can be obtained in Stock Companies.

3. Its capital stock consists of the premium notes of the parties insured, and cannot be squandered by corrupt officers, or become the basis of speculation to the managers; but can only be called in to pay losses and other absolutely necessary expenses; while Stock Companies receive the full amount of premium in advance, and often invest it in stocks which are liable to become worthless, causing general embarrassment to the companies, and rendering unsafe the insured.

4. It confines its operations to the State of Wisconsin; and to the insurance of Farm Property, and strictly isolated buildings, with their contents, in villages and cities.

5. It is an old company—its affairs have always been economically managed, and its losses paid without litigation, and without unnecessary delay.

6. It is under the control of the insured parties, each one having a vote in the choice of its officers, at the commencement of every year, either in person or by proxy.

7. It pays no stated salaries to its officers; but pays for all services according to the amount of labor performed.

8. It will refund to any person insuring for a longer time than one year, all moneys received from them, less the regular rates for the time they are insured, and \$1.50 paid Agents for survey and policy, and the policy will be cancelled.

9. It will pay all damage caused by the effect of lightning to property insured, whether the building is burned or otherwise damaged, not exceeding the amount insured.

10. It will not insure over hazardous property, believing, as it does, that the homes of our families should not be liable to be taxed to pay losses incurred on property in the hands of reckless speculators, not only subject to fire and lightning, but to wind and water, as well as the torch of the incendiary, so often applied in cities and commercial towns.

DAVID ATWOOD, Secretary.

G. F. HASTINGS, General Agent.  
Madison, January 7, 1860.

OFFICE IN BRUEN'S BLOCK, MADISON, WIS.

# H. J. NAZRO & CO.,

121, 123, 125,  
East Water-St., Milwaukee.

Wholesale and Retail Dealers in

## HARDWARE!

AND HOUSE TRIMMINGS,

*Cultivator Teeth, Straw Out-  
ters, and all kinds of*

## Farming Tools.

ALL KINDS OF

TIN PLATE

SHEET IRON,

COPPER, &c., &c.



R. HOE & C.  
**SAWS,**  
**WIRE & ROPE**  
**AXES.**  
SHOVELS AND SPADES,  
**IRON & STEEL**  
*Blacksmiths', Coopers', Car-  
penters' and Cabinet Makers*  
**TOOLS,**  
OF ALL KINDS.  
NAILS, GLASS, WHIPS  
GUNS & PISTOLS,  
PLATED FORKS,  
CUTLERY & SPOONS,  
Belting and Bells.

## Rock Lake Vineyard & Nurseries.

THE PROPRIETOR of these extensive and well known grounds would respectfully call the attention of the public to his large and choice varieties of Grapes

Having the past year made several new additions to his selections, consisting in part of the following varieties, of which he is prepared to send out fine, strong, healthy plants at the following low rates:

Delaware \$2 to \$5 each; Diana 75c to \$1; Rebecca \$1 to \$2; Northern Muscadine 75c to \$3; Concord 75c to \$2; Hartford Prolific 75c to \$1; Logan \$1; Jo Kalon \$1; Marion Port 50c; Black Maderia 75c; Burgundy 50c to 75c; Sage's Mammoth 75c to \$1; Burton's Early August 75c to \$1; Mass. Early 75c to \$1; Conn. Blue 75c to \$1; Isabella, Catawba, Clinton, Vermont, 25c to 50c.

50,000 Apple Trees, from one to six years from graft; 20,000 Seedlings, from one to six years; Lawton Blackberry 10 to 25c.

Pie Plant—Cahoon, Victoria, Mammoth and Strawberry, 25c to 50c.

Strawberries—Wilson's Seedling 37c per doz., \$2.50 per 100

Gooseberries—Houghton's Seedling 25c; Mountain Seedling 50c

Send Stamp and get Descriptive Circular.

All orders will be filled as received.

Vines securely packed and sent to any part of the States

ISAAC ATWOOD.

Rock Lake Vineyard Nurseries,

xii 4

Lake Mills, Jefferson Co., Wis.

## J. H. Warner & Co.,

Wholesale and Retail Dealers in

STRAW AND MILLINERY GOODS,

Dress Trimmings, Embroideries,

GLOVES, HOSIERY, &c.,

231 Main Street, 2d door north Newhall House.

We have on hand a large stock of the above Goods, to which we wish particularly to call the attention of

Merchants and Milliners.

J. H. WARNER & CO.,

231 Main Street, 2d door North of Newhall House.  
Milwaukee, Wis.

xi vi 6

## Geo. V. Ott's

LEATHER AND HARNESS STORE,  
WHOLESALE AND RETAIL.

UPPER, SOLE, HARNESS & BELTING LEATHER.

FRENCH CALF AND KIP SKINS.

Shoe Findings, Tools and Lasts.

PLASTERING HAIR.

Harness made to order, and Repairing done, &c.

Geo. V. OTT,

In Basement of Bruen's Block, under Dane Co. Bank,  
Madison, Wis.

xi vii 12

## University Commercial School.

BRUEN'S BLOCK, MADISON, WIS.

THE REGENTS of the Wisconsin University, at their meeting in July, 1883, established a

### COMMERCIAL SCHOOL

In connection with this Institution, and now offer its advantages to those who desire to qualify themselves for Business and the Counting Room.

### THE COURSE OF INSTRUCTION

Is as extensive and thorough as that of the best Commercial Colleges of the West. Special attention will be given to

### Single and Double Entry Book-Keeping,

embracing every department of business accounts, to Commercial calculations, practical penmanship, &c., &c.

There will be two courses of Lectures during the coming season before the school; one on POLITICAL ECONOMY by John Y. Smith, Esq., and one on COMMERCIAL LAW, by several members of the Madison Bar.

The school will be open for Ladies, for whom a separate room is provided.

In addition to the daily sessions, the school will be open four evenings in each week from October to April.

Students are instructed individually and can enter at any time. The usual time required by an industrious student to complete a course, is from eight to twelve weeks.

### TERMS:

Full Course, time unlimited, in advance, for gentlemen, \$25  
do do do do ladies, 18

Pennmanship alone, per month, 4

Season commences first Monday in September.

For further particulars, address,

D. H. TULLIS, Instructor.

Madison, Wis., Aug. 20, 1883.

## E. M. Williamson,

Storage, Forwarding, and Commission,

AT THE

LARGE BROWN WAREHOUSE, NEAR  
DEPOT, MADISON.

Grain of all kinds received on Storage, and  
bought and sold on Commission.

SALT, WATER LIME, ROSENDALE CEMENT, &c.,

Always on hand and for sale at the lowest cash prices.

GRAIN IN STORE KEPT FULLY INSURED IF DE-  
SIRE.

xi ix

THORBURN'S DESCRIPTIVE ANNUAL

CATALOGUE, of Kitchen, Garden and Agricultural Seeds for 1890, is now ready for mailing to applicants in-  
closing a postage stamp. It contains directions for cultiva-  
tion and other useful information for amateur cultivators.

Send for it.

xli 81m]

J. M. THORBURN & CO.,

15 John-st., New-York.

**Fruits for the Million.**



**ARE MORE**  
easily raised from  
trees, shrubs, vines, and  
plants of Wisconsin  
growth, which may be  
had in variety at

**78 NURSERIES,**

**MADISON, Wis.**

Special attention is  
called to the following  
First Class Stock and  
Low Prices:

10,000 three year old  
apple trees, two years  
grafted on whole seed-  
ling roots, of remark-  
ably fine growth, em-  
bracing most of the  
leading varieties. And  
two sorts of great sig-  
nificance, hardiness, produc-  
tiveness, and good

quality, which have proved well adapted to the North-West.  
Price per 100, \$18; per 1,000, \$100.

1,000 Grape vines of the following approved sorts: Dela-  
ware and Logan, each \$2.50; Concord, Diana, Hartford  
Prolific, Reboosa, Houghton, H. Muscadine, \$1; Isabella,  
Catawba, Clinton, Vermont, \$1.50—per doz \$2.

50,000 Strawberry Plants of choice, well tried sorts.—  
Wilson's Albany, Hooker, per doz. 50c; per 100, \$5. Early  
Scarlet and other standard sorts for field culture, per  
100, 50c; per 1,000, \$5.

5,000 Currants, Red and White Dutch, 2 to 3 years—per  
doz. \$1.50; per 100, \$8.

10,000 Raspberries, Red and Yellow Antwerp—per doz.,  
\$1; per 100, \$5.

5,000 Gooseberries, Houghton's (best) large bearing  
plants—per doz. \$1; per 100, \$12.

5,000 Pie Plants of many standard sorts and variety—per  
doz. \$3; per 100, \$12.

In addition to which we have a select assortment of  
**CHOICE APPLE TREES**, from 4 to 6 years' growth, and a  
large amount of Evergreens, Fruit and Ornamental Shrubs  
and Plants, specimens of which can be seen at the

**Madison Greenhouse,**

By **JOHN RUDD**, who is Agent for the sale of the above  
stock, and will fill orders sent to us for Greenhouse and  
Bedding Plants of all descriptions.

We would call especial attention to our stock of fine,  
hardy Apple Trees, prices \$100 per 1,000—just the size for  
convenient transportation, safe setting, and vigorous grow-  
ing, and to which we can give an uncommon amount of  
**GOOD ROOTS**, samples of which can be seen at the "Farmer  
Office" and State Agricultural Rooms. [See cont.]

50,000 Hedge Plants of Honey Locust (*Gleditsia tria-  
canthos*) one year—per 100, \$1.50; per 1,000, \$10. For  
those who want an impenetrable and durable hedge, being  
per cent. hardy, of rapid growth, and never sprouts. Also,  
15,000 Thicket Locust (yellow) one year—per 100, \$1; per  
1,000, \$5.

Orders from a distance will receive special attention in  
selection, packing, and delivery to the place of shipping.—  
Additional charges only to cover the cost of packing.

City orders will be delivered free of charge. In-  
quiries will receive prompt attention directed to

**J. C. F. B. B. & Co.,**  
78 Nurseries, Madison, Wis.

**T. D. FLINN, Agent, Wis. Farmer Office.** xii 4

**New Hardy Grapes, &c., &c.**



**ORDERS** will be received  
by the undersigned, which  
will be filled at the best  
and most reliable nurse-  
ries, for any of the New  
Hardy Native Grape  
Vines. Twenty years' ob-  
servation and experience  
in Wisconsin enables me  
to form an opinion upon  
many varieties of the  
Grape and other Fruits  
adapted to the climate of  
the Northwest. The fol-  
lowing list makes a "set"  
which I can recommend  
as the hardiest and most  
productive, and of excellent  
quality, and giving a suc-  
cession of fruit from early  
in August till the middle  
of October. Logan, \$3;  
King, 1; Delaware, \$3;  
and \$3; Plank Concord, Hartford, Prolific, Northern, Mus-  
cadine, York Madeira, \$1 each; Clinton and Isabella, 50c.  
each, or the whole "set" for \$10. For other varieties, see  
Catalogue.

and \$3; Plank Concord, Hartford, Prolific, Northern, Mus-  
cadine, York Madeira, \$1 each; Clinton and Isabella, 50c.  
each, or the whole "set" for \$10. For other varieties, see  
Catalogue.

**New Varieties of Currants.**

Among which are early and late kinds—such as White and  
Red Dutch, White Grape, Hobby Castle, Versellon, Fertile  
de Palmar, \$3 per dozen.

**Raspberries.**

Such as Allen, Brinley's Orange, Hudson's River Antwerp,  
\$2 per dozen, and the Catawba, Houghton's Perpetual, and  
Fontenay FALL BEARING RASPBERRIES, \$3 per doz.,  
or 38c. each.

**Wilson's Albany Strawberries,**

Hooker, and other kinds, 50 cents per dozen, \$3 per 100.

**Lawton Blackberries,**

\$2 per dozen, \$15 per 100. Houghton's (only reliable kind)  
Gooseberry, prodigious bearer, \$3 per dozen.

Customers may rely upon the genuineness of sorts,  
and trashy stuff will not be sent out.

Send a postage stamp, and I will send an **ILLUSTRATED**  
**CATALOGUE.**

Terms—Cash with the order.

Address: **E. E. QUINN, Agent,**

Madison, Wis.

Packages will be sent by "American Express" unless  
otherwise ordered.

January 23d, 1880. 123

**Portable Grinding and Bolting**



**FLOUR MILL.**

**PRICES, FROM \$400 TO \$800.**

Also Corn and Feed Mills of all Sizes, both  
Upper and Under Runners.

**OUR** Mills are put up in strong  
frames (cast steel). Our Runners are dressed with  
diamonds (Patent Dress, Patent) for which we own the  
exclusive right. With this a mill may dress its own stone,  
without being a practical stone dresser.

**W. W. HAMMILL & Co.,**

Sole Manufacturers.

**E. E. Quinn, Agent, and Western Run, Madison, Wis.**  
**E. E. Quinn**—Circulars sent on application, with postage stamps.  
Mills can be seen running at Factory. xii 7 2

**UNDERGROUND**

OR

**MOLE DRAINER.**

For Reclaiming Swamp, Low, or Clay Lands.

For Underdraining Orchards, or Producing Stock  
Water.

**THE** undersigned is prepared to dispose of ter-  
ritory, in Farm or Town rights, and to furnish ma-  
chines or all orders for jobs of ditching on short notice.

For information, address

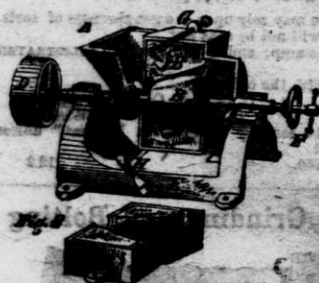
**E. W. SKINNER,**  
Agent of the Wisconsin Ditching Company,  
MADISON, WIS.



# EXCELSIOR MILL, FOR FARMERS AND MILLERS.



**P. L. CARMAN & Co., Madison, Sole Agents for Wisconsin.**



THIS MILL, invented by Mr. G. Sanford, is now on exhibition, and for sale at the Agency above; and though it has been presented but a few months, has gained a wide and enviable reputation as a Flouring, Corn and Feed Mill. It is also adapted to grind dried fruit, spices, coffee, plaster of paris, whitening, soap stone, white lead, saltpetre, and all other materials. Persons wishing Mills for any of the above purposes, will do well to examine this before purchasing, as it has many advantages over those now in use.

The quality of the work performed by this mill, and its great durability, (it is a life-time), ought to commend it to everyone who has been so often deceived in purchasing from Mills.

**Millings.**—No mill can be compared to the "Excelsior" for grinding in millings, and owes a great deal of its success to its sawing this by purchasing one for the kind of work; by many experiments it is pronounced superior to the ordinary flat stone mill for all millings purposes, as it will do an equal amount of work, and is well, with one-third less power; and is much more easily handled and kept in good working order.

Meal for ordinary domestic purposes, can be ground with this mill, in great perfection, and very rapidly, as the stone is adapted for feed.

**Feed.**—As a feed mill we challenge comparison with any in use, both as to quality and quantity of the work. The advantages of the construction of the conical grinder and divided shell herein described, are that the mill grinds the best flour of the coarsest feed by a turn of the mill's iron gear; that it heats the meal less than the flat stone mill, that it can be taken apart and dressed by any person of ordinary intelligence; that it can be operated with less power than any other mill of equal capacity; that it is more compact, simple, and less liable to get out of order than any other mill now before the public; and that it will be appreciated by all who have used mills that are complicated in construction, and that require the attendance of a practical and experienced miller or millwright to put them in order. From actual experiment we are prepared to say, that with one horse three bushels of fine Indian meal per hour can be ground from the hardest corn, which is equal to the work of a four and a half feet flat stone mill, under an eight feet head of water, on a horizontal wheel. Two horses, with Sanford's new patented "American Horse Power," will grind with this mill two bushels of meal the hour.

The mill can be run up to one thousand revolutions per minute, which is the most economical rate of speed for our mill, grinding from five to seven bushels fine meal the hour, and of feed eight to fourteen bushels, according to fineness. Four to five horse steam power will drive the small mill to its utmost capacity, and six to seven is sufficient to run our large houring mill to the greatest speed required.

From fifteen hundred to three thousand bushels of corn can be ground with the mill, as we deliver them, without dressing them, after which any intelligent man can put in the same dressing in a few hours, by using a sharp set of stones. The mill is 36 inches long, 18 wide and 18 high, and weighs 300 pounds. The box containing the bol is three feet six inches long.

Persons ordering mills should state the kind of work they wish them to perform, and if more than one kind, which will be the principal grain ground. It is also very important that we should know the kind of power to be employed in driving them, that we may send a mill perfectly adapted to the power and work.

The prices are as follows:—Corn Meal and Feed Mill, \$108; Flouring Mill, same size, with a bol \$165; Flouring mill with an improved bol, \$140; Flouring Mill with Millstone bol, \$150; Large Flouring Mill, without bol, \$170. Our terms are Cash on delivery in the city. Letters requiring further information and orders, addressed to the undersigned will receive prompt attention.

**P. L. CARMAN & Co., Madison, Wis.,**  
Near the Milwaukee & Mississippi R. R. Depot.

E. M. Williamson 37



VOL. 12. MADISON, APRIL 1, 1860. NO. 6

**The Wisconsin Farmer,**  
A MONTHLY JOURNAL,  
Devoted to Agriculture, Horticulture, &c  
PUBLISHED BY D. J. POWERS & Co.

TERMS OF SUBSCRIPTION.  
Single Copies, \$1 per year—Seven Copies, \$6  
—Ten Copies, \$8—Fifteen Copies, \$12—  
Twenty Copies, \$15, and one to the Agent.

**EVERGREENS**  
— AT THE —  
**76 Nurseries, Madison, Wis.**

THE Proprietors having bought the entire interest of O. S. WILLEY, in the Ornamental department of the Rock County Nurseries, embracing over 60,000 Choice Evergreens, which in addition to our old stock, we now offer at WHOLESALE AND RETAIL, at the following prices:  
NORWAY SPRUCE—Stocky, four times transplanted, one to two feet, 50c each, \$35 per 100.  
NORWAY SPRUCE—8 to 12 inch s, stocky, 25c each, \$20 per 100.  
ALSAF FIR—One to two feet, stocky, 50c each, \$35 per 100.  
ALSAF FIR—6 to 10 inches, stocky, 25c each, \$20 per 100.  
RED CEDAR—One to two feet, stocky, well rooted, 50c each.  
RED CEDAR—8 to 12 inches, stocky, 25c each, \$20 p 100.  
BORVITAE—8 to 12 inches, stocky, 25c each, \$20 p 100.  
WHITE PINE—8 to 12 inches, stocky, 25c ea. h, \$20 p 100.  
WHITE PINE—8 to 4 feet, stocky, 100 dollars.  
Extra sizes of Balsam Fir, Arborvitae, and Red Cedar 25 dollars each.  
Small sizes of the same, from the forest in good order, 25 cents per 1000.  
Ornamental Plants and Shrubs, Greenhouse and Bedding plants, Hardy Fruit, Shrubs, and Choice Trees in large quantities, variety and size, at reasonable prices for cash or distant r/y reference on short time.  
Specimens for sale at the Madison Greenhouse, and at our room adjoining, or at the Nursery.  
J. C. PLUMB & CO.  
D. D. PLUMB, Agent, Wisconsin Farmer Office.  
Madison, April 1st, 1860. [xlt vi 4f]

**Waukegan Nurseries.**  
Plant of 60,000 APPLE TREES, fine and thrifty, three to four years old from graft, for sale at a gain, with or without a lease of the land on which they are growing.  
Also Apple Trees, Currants, Gooseberries, Lavender and other Blackberries, &c., at very low rates, by the usual.  
A general assortment of Fruit and Ornamental Trees, Shrubs, Roses, &c., at wholesale and retail prices.  
ROBERT DOUGLAS  
Waukegan, Ill., on Chicago & Milwaukee R. R.

**ADVERTISEMENT NOTICES.**

**Land Plaster.**—See advertisement of H. & J. F. Hill, Milwaukee, proposing to furnish this highly valuable article (for many soils) as cheap as dirt.

Their arrangements with the railroads to transport at such low freights, will put it within the reach of almost every interior locality at a slight advance on lake shore cost.

We hope the present low price of plaster will cause it to be used in all cases where it will prove useful. We would like the views of experienced men, on the subject of its use, for publication.

**Willard & Storey,** General Commission Merchants, Chicago. See their card in our advertising columns.

These gentlemen will be recognized as citizens of Janesville, who have started the above business in this city.

Mr. Willard is a popular President of our State Agricultural Society, (having filled that position for the last three years.) He is a gentleman of wealth and the highest integrity, and one of the best business men in the country; thoroughly acquainted with almost every branch of business, hence eminently adapted to his position.

We will guarantee the most perfect satisfaction to all who employ them—farmers, merchants or business men. They will constitute a safe, speedy and reliable medium between the great business mart of Chicago and this interior country. Send them your business, gentlemen, you will find them right every time.

**John Nazro & Co.,** successors of H. J. Nazro, are in a new advertisement this month. It is perhaps useless to add to what we have often said of them. They are

one of the oldest and best establishments in the West, and can always be relied on, as to prices and fair dealing. They always keep a large stock both for wholesale and retail; and selling exclusively for cash, they touch the lowest figures. Country dealers, blacksmiths and large farmers can always be suited by them. Those building houses, &c., will find everything in the way of hardware, at a large discount from the prices of smaller establishments.

*The Excelsior Mill*, advertised by P. L. Carman & Co., we have seen in operation since our last issue, and were well pleased with its action; it runs as still and cool as a set of large buhr stone, and grinds the meal admirably.

It did not seem to require more than a reasonable power, and ground dry corn at the rate of from eight to ten bushels per hour, the meal being fine enough for family use. We would recommend to all who want power mills to examine the Excelsior, and see it in operation.

*The Evansville Seminary*, just opening under the charge of D. Y. Kilgore, late Superintendent of Schools of this city. Mr. K. is a thorough-going educationist, and a gentleman that will make the institution flourish beyond peradventure. We wish him all success.

*J. M. Thorburn* advertise flower seeds, by mail, in great variety. Also tree and shrub seeds, French hybrid gladiolus, &c., &c.

For small fruit see advertisement of J. Knox, Pittsburgh. He is said to be a capital house.

*C. P. Murray* advertises sweet potatoe plants, of desirable variety. He is an old and well established dealer.

*Barnes & Washburn*, of Boston, advertise flower seeds, and are a good firm.

*J. C. Brayton* advertises hardy varieties of apple trees and various other articles. He has had long experience in the State as a nurseryman.

*Thos. Hislop*, of Milwaukee, is the oldest seedsman in the State, and a man who understands his business.

*Sheep wanted* in exchange for good farms. See advertisement.

*Climax Straw Cutters*—a few are yet on hand, which will be sold at a low price.

terms, to close out the spring business.

Also, seeds, fruit trees, &c., &c., as advertised in back numbers. Orders solicited.—Address Powers & Co.

See advertisement of Cahoon's Broadcast Seed Sower. It is a machine that has been somewhat used by our farmers, and is often inquired after.

## CONTENTS OF THIS NUMBER.

Wisconsin must Manufacture more and buy less from abroad, .....	100
On the mode of raising Carrots, and their value for Stock, .....	101
Snout in Wheat, .....	101
Pennsylvania High School, .....	102
The Yale College Agricultural Lectures, .....	102
Sap Suckers a-ain, .....	102
To cultivate Paranepe, .....	102
The Onion, .....	102
Sugar Cane culture in Wisconsin, .....	102
Farm Hedges, .....	102
Plaste Trade, .....	102
The Pea B g, .....	102
How to Farm Profitably, .....	102
Cheap Paint, .....	102
Experiment with Potatoes, .....	102

## STOCK REGISTER.

Cassius M. Clay on Stock-breeding, .....	111
Stock Water Cisterns, &c., .....	111
Sheep and Wool in California, .....	111
See County Pigs—How to prevent Sows Eating their Pigs, .....	111
More Big Hogs, .....	111
Lies on Cattle—Gophers and Blackbirds, .....	111
Wool Growing in Iowa, .....	111
To cure Scratches on Horses, .....	111
Farms and Stock in Dodge County, .....	111
From Egypt, .....	111
Sales of Stock in Kentucky, .....	111

## HORTICULTURAL.

Fruit Growers of the North-West, .....	111
Vegetable Garden, .....	111
The Okra Plant, .....	111
A Chapter on the New Currants, .....	111
Grafts vs. Seedlings, .....	111
Early Vegetables, .....	111
Hubbard Squash, .....	111
Asparagus, .....	111

## MISCELLANEOUS.

This Little Life, .....	111
Coe's Rotary Cultivator, .....	111
Wheat—spring Work—Fall Plowing, .....	111
8 cents to Pre-pay Postage, .....	111
Mason and Dixon's Line, .....	111
Widom for Winter, .....	111
Important Dates, .....	111
An Old Subscriber, .....	111
How to Wash, .....	111
Coddled Apples, .....	111

## FOR THE CHILDREN.

Bessie and her Kitten, .....	111
Home, .....	111
The Slaughter which sustains us, .....	111

## EDITOR'S TABLE.

Western Debts and Repudiation, .....	111
High Taxes: How to Diminish them, .....	111
The Legislative Session, .....	111
Sugar Cane Seed—Permanent Location of the State, .....	111
The Mild Winter and Spring, .....	111
Sheep Wintered on Straw, .....	111
Officers of County Agricultural Societies for 1890, .....	111
Town Meetings, .....	111
Inquiries of Correspondents, .....	111
Sugar Cane Seed for General Distribution, .....	111
Red Top—Its Value as a Grass, .....	111
Park House, .....	111
Wisconsin Farmer, .....	111



## SMALL FRUITS.

### Strawberries.

Over One Hundred Varieties, embracing nearly all the native and foreign kinds of any repute.

### Wilson's Albany Seedling,

The largest stock, to forward anywhere.

### Raspberries.

Brinckle's Orange, Red and Yellow Antwerp, Knevett's Giant, River's Large Fruited Monthly, Fastoff, &c.

### Blackberries.

New Rochelle, Dorchester, and Newman's Thornless.

All of the best quality, and offered on the most reasonable terms.

We have given the cultivation of Small Fruits particular attention, and, regardless of expense, have procured every thing of the kind, rare and valuable, that has come before the public.

Great pains have been taken, not only to procure the varieties true to name, but to preserve them so. Much care is necessary to prevent the admixture of some of these fruits. But as our grounds are extensive, and we have confined our attention principally to the small fruits, and given the matter our personal supervision, we are prepared to warrant the varieties sent out as correct.

As our stock is large, wholesale purchasers and dealers will be allowed a very liberal discount.

[xii vi ii] J. KNOX,  
Box 478, Pittsburg, Pa.

### WILLARD & STOREY,

## General Commission Merchants

For the purchase and sale of

FLOUR, GRAIN, PORK, BEEF, HIDES, BUTTER, LARD, FRUIT, &c.

Also, especial attention given to the

PURCHASE AND SALE OF LUMBER BY THE CARGO.

Office 186½ South Water St., Chicago, Ill.

J. F. WILLARD, ..... J. W. STOREY.

### REFERENCES.

Marine Bank, Chicago; Aiken & Norton, Chicago; State Bank of Wisconsin, Milwaukee; Sexton Bros. & Co., Milwaukee; Mechanics' Bank, St. Louis, Mo.; Bank of Commonwealth, New York City; Rexford & Van Piper, New York City; Central Bank of Wisconsin, Janesville; Rock County Bank, Janesville; John P. Hoyt & Co., Janesville.

Happy to receive consignments from farmers of Wheat, Oats, or any other farm product.

Also, purchase Seeds for them, and anything else they wish, on receipt of orders accompanied with the ready cash.

[xii vi ii]

## Sheep Wanted,

In exchange for an Improved or Unimproved Farm.

The Undersigned offers the choice of five farms, two of which are improved—four in Butler county, in good settlements, near schools, post offices, and railroad route, 160 to 350 acres. One in Alameda county, 12 miles from Lansing, on the Mississippi River, 240 acres. One of 420 acres, in Crawford county, Missouri, on the route of the L. W. Pac. R.R. Railroad, five miles from depot, one mile from court house and seminary, 20 acres improved, two log houses and spring.

Address the undersigned, giving description of stock, as to quality, &c.

G. SPRAGUE,

Island Grove P. O., Butler Co., Iowa.

February 28th, 1890.

[xii vi iii]

## Albany Tile Works.

Cor. Clinton Av. and Knox-st., Albany, N. Y.

THE Subscribers being the most extensive manufacturers of DRAINING TILE in the United States, have on hand, in large or small quantities, for Land Draining, ROUND, SOLE and HORSE-SHOE TILE, warranted superior to any made in this country, hard burned, and over one foot in length. Orders solicited. Price list sent on application.

xvii 12

O. & W. McCAMMON, Albany, N. Y.

## Spring Garden Seeds.

THE MOST COMPLETE ASSORTMENT ever offered to the Public.

Also,

KENTUCKY BLUE GRASS,  
ORCHARD GRASS,  
TIMOTHY,  
RED TOP,  
RHODE ISLAND BENT GRASS,  
ENGLISH & ITALIAN RYE GRASS,  
WHITE AND RED CLOVER,  
LUCERNE,  
SEED POTATOES—a choice assortment.

For descriptions and prices, send for our catalogues.

J. M. THORBURN & CO.,  
15 John St., New York.

[xii vi i]

## 1,000 Tons Land Plaster.

WE are prepared to fill all orders for HOVEY & CO.'S

## SUPERIOR LAND PLASTER & STUCCO.

This PLASTER is now being ground daily; is put up in strong, new casks of about 350 lbs. each, and will be delivered on board of cars at \$1.25 per cask.

A fair discount made on large quantities.

TERMS CASH.

Freights by railroad to all stations on the Milwaukee & Mississippi, Milwaukee and La Crosse, and Milwaukee & Horicon roads, one and a half cents per ton of six casks per mile, and by the Watertown railroad, two cents per ton per mile.

Also on hand

New York Plaster, Water Lime, Salt, Stucco, and Rosendale Cement.

H. & J. F. HILL.  
[xii vi iv]

Milwaukee, March 20, 1890.

## Seeds and Plants.

THOS. HISLOP, Seedsman and Florist to the Wisconsin State Agricultural Society, begs to inform his customers and the public that he is now receiving an unusually large importation from Europe of all kinds of

FARM, GARDEN & FLOWER SEEDS, the latter comprising several hundred varieties of all the best and newest kinds.

PRICES MODERATE. WHOLESALE AND RETAIL.

T. H. has also on hand a large stock of GREENHOUSE and BEDDING PLANTS, such as

Roses, Verbenas, Dahlias, Geraniums, Fuchsias, Heliotropes, &c.

The variety of each being extensive and rare, containing the latest European varieties.

209 East Water St., Milwaukee.  
(Established 1850.) [xii vi iii]

## "The Prairie Farmer"

IS PUBLISHED WEEKLY AT CHICAGO, ILL.—Devoted to the Farming Interest of the West. Being located at the greatest grain market in the United States, it has the best opportunities for gathering and disseminating the most reliable information to the Farmer. Terms, in advance, \$2 per year; in clubs, \$1.50 each. Samples free. Three months on trial for 25 cents.

[xii vi i] Address EMERY & CO., Chicago, Ill.

## "The Prairie Farmer"

IS AN ILLUSTRATED AGRICULTURAL PAPER, giving Drawings and Descriptions of Improved Farm Machinery and Tools, Plans of House, Barns and Out-buildings; Engravings of Improved Cattle, Horses, sheep, Swine, &c., making it both entertaining and instructive. Samples Free. \$2 per year, weekly.

[xii vi i] Address EMERY & CO., Chicago, Ill.

## "The Prairie Farmer"

IS THE OLDEST AGRICULTURAL PAPER IN THE WEST, and has a larger list of Practical Contributors than any other one in the West. It is particularly the Western Agricultural and Family Paper. Send for a sample free, and subscribe. Terms, in advance, \$2 per year.

[xii vi i] Address EMERY & CO., Chicago, Ill.

## Cahoon's Patent Broadcast Sower,

THE CHEAPEST AGRICULTURAL MACHINE IN THE WORLD for the work it does, and the labor it saves. Sows all kinds of Grain, Grass Seed, Plaster, Lime, Guano, &c. *Hand Machine* sows from four to six acres per hour; *Horse Power Machine* from ten to fifteen—doing the work in the most perfect manner.

For sale by

GEORGE CAPRON,  
Madison, Wis.

### CAUTION!

Office of Cahoon's Patent Broadcast Sower, }  
Portland, Maine, }

In a suit at law and equity in the United States Court, against A. Ring for infringement of the Cahoon Patent, the jury having given a verdict against the said Ring, all persons are hereby cautioned against making, selling or using the Ring machine, or Roots Improvement on the Ring machine, (some times called Rickey's machine, or Young America,) as the subscriber will hold all such infringers accountable. [xii v 3] D. H. FARBLISH, Proprietor.

## Parsons & Co.,

FLUSHING, NEAR NEW YORK,

Invite attention to their Stock of

### TREES AND PLANTS.

We are large growers of small Evergreens, and can offer Norway Spruce, transplanted, at fifteen Dollars per thousand, and other stock at low rates.

Our collection of

Greenhouse and Stove Plants, Orchids,  
&c., &c.

is very large and choice.

Great care is given to packing for transportation, and catalogues will be forwarded on application. [xii v 11]

## BRINLEY'S BLACK,

IMPROVED AMERICA BLACK, and

OHIO EVER-BEARING RASPBERRIES.

Myatt's LINNAEUS RHUBARB, the EARLIEST, MOST PRODUCTIVE and best variety for pies, tarts and wine.

Descriptive Catalogues with prices, now ready, and sent to all inclosing a stamp.

A. G. HANFORD,

xii v 8]

Woodside Nurseries, Waukesha, Wis.

## Fruit Trees,

FOR ORCHARDS AND FRUIT GARDENS

Consisting of the HARDEST and BEST varieties or *Western Culture*, are now offered for sale by the Subscriber.

Our assortment is very complete and unusually well grown. Wood well ripened, and have wintered fluently.

**Ornamental Trees**, Evergreens, Shrubs, Roses, &c., of carefully selected and *hardy sorts*.

Selections for the Orchard and Garden, embracing a suitable proportion of each season, so as to afford a regular succession of the finest fruit, will be made when desired.

A new Descriptive Priced Catalogue is now ready, and will be sent to all applicants enclosing a stamp.

A. G. HANFORD,

xii 5 8]

Woodside Nurseries, Waukesha, Wis.

## Hardy Cherries for Western Culture

EARLY Richmond, Large English Morello and several other sorts of Cherries, which uniformly succeed in the West.

A. G. HANFORD,

xii v 3]

Woodside Nurseries, Waukesha, Wis.

## Lawton Blackberry Plants.

THE ORIGINAL VARIETY, unmixed with the common New Rochelle or seedlings of any kind, found to be permanent, hardy and prolific in all climates. For sale, in safe packages, in lots to suit purchasers.

WM. LAWTON, New Rochelle, N. Y.

Circulars free.

[xii 5 8]

## Seedling Apple Trees.

SEVERAL thousand thrifty Seedling Apple Trees, five to eight feet high; very cheap.

A. G. HANFORD,

xii v 3]

Woodside Nurseries, Waukesha, Wis.

## LOUDON & ROBINSON'S

# Badger State Nurseries,

JANESVILLE, WIS.

THE PROPRIETORS beg leave to call the attention of all lovers of FRUIT and ORNAMENTAL TREE Culture, to their extensive Stock of FRUIT and ORNAMENTAL TREES and SHRUBS. In their Nurseries are cultivated all kinds and varieties usually found in this latitude.

Our nurseries occupy about thirty-six acres, and number over eight hundred thousand trees. We have raised them on soil that never was manured. This we suggest as an important consideration for Western cultivators, who desire healthy and hardy trees.

The trees under culture have been selected with especial reference to their adaptation to the soil and climate of the North-West. Trees of the age of four years and over, passed unscathed the unprecedented cold winter of 1855 and '56, showing them to be perfectly hardy. We invite all persons who wish to purchase trees or feel an interest in the business, to visit our establishment and examine our stock.

Railroads emanate in all directions from this place, thus affording unusual facilities for sending trees to all parts of the country. Our Nurseries are under the immediate management of the Proprietors, and receive their personal attention, the result of which is a correct Nomenclature.

In filling orders or trees, we desire that the selection of varieties may be left to us, so far as extent, as we sometimes run short of some sorts. Purchasers can rest assured that when the selection is left to us, they will have sent them the best and leading varieties.

The terms of payment must be cash or satisfactory note. All orders by mail will be promptly attended to.

Any person can be provided with a catalogue by remitting a postage stamp. [xii 5 2]



As accidents will happen in well regulated families, it is very desirable to have some cheap and convenient way for repairing Furniture, Toys, Crockery, etc.

### SPALDING'S PREPARED GLUE

meets all such emergencies, and no household can afford to be without it. It is always ready, and up to the sticking point. There is no longer a necessity for limping chairs, splintered veneers, headless dolls, and broken cradles. It is just the article for cone, shell, and other ornamental work so popular with ladies of refinement and taste.

This admirable preparation is used cold, being chemically held in solution, and possessing all the valuable qualities of the best cabinet-makers' glue. It may be used in the place of ordinary mucilage, being vastly more adhesive.

"USEFUL IN EVERY HOUSE."

N. B. A brush accompanies each bottle.

Price 25 Cents.

Wholesale Depot, No. 48 Cedar st., New York.

Address

HENRY C. SPALDING & CO.,

Box No. 3,600, New York.

Put up for dealers in cases containing four, eight and twelve dozen, a beautiful lithograph show-card accompanying in each package.

A single bottle of SPALDING'S PREPARED GLUE will save ten times its cost annually to every household.

Sold by all prominent Stationers, Druggists, Hardware and Furniture Dealers, Grocers, and Fancy Stores.

Country merchants should make a note of SPALDING'S PREPARED GLUE, when making up their list. It will stand any climate. [xii 10]

## THE SPRING TERM OF THE EVANSVILLE ACADEMY,

Will commence on **Wednesday, March 21st, 1860**, at 9 o'clock A. M.

In addition to what is required to prepare young men for College, provision has been made to furnish instruction in the **FRENCH AND GERMAN LANGUAGES, PRACTICAL SURVEYING AND CIVIL ENGINEERING.**

Special attention will be given to Students in the **NORMAL DEPARTMENT.**

BOARD, including rooms, fuel and lights, can be procured in good families at \$1.75 per week. A large number of Students boarded in clubs during the last term, at an average expense of less than \$1.00 per week.

TUITION ranges from \$4.00 to \$7.00 per term of eleven weeks.

For further information inquire of

D. Y. KILGORE, Principal.  
Evansville, Rock Co., Wis., February 28, 1860.

N. B.—School District officers are informed that a few of the members of our Normal Class, who design to teach the coming summer, have not yet engaged schools, and any communication, giving full particulars of wants, compensation, etc., directed to the Principal, will receive prompt attention.

[xii vi vi] D. Y. K.

## Plant the Hardy Varieties of the Apple.

Trees grown at Home are the Best.

The Proprietor of the **AZTALAN NURSERIES** offers to the public

### 20 VARIETIES OF THE APPLE,

Which thirteen years of experimenting with over two hundred varieties, has proved to be well adapted to the climate and soil of Wisconsin.

Good trees, five to six years from the graft, five to eight feet, \$16 per hundred.

Three-year trees, the largest, and four years medium size, four and a half to seven feet, \$12 per hundred, including packing and cartage to railroad.

Delaware and Logan Grapes at \$2 each, \$18 per dozen. Diana and Concord Grapes at 75 cents each, \$7.50 per dozen.

Orders for the Grapes should be sent early, accompanied by cash or draft for payment.

Orders for Trees should be accompanied with draft or good references.

Also Pear and Cherry Trees, Ornamental Trees, Roses, Flowering Plants, &c., &c.

Send one postage stamp for Catalogue.

J. C. BRAYTON, Proprietor.  
Aztalan, Jeff. Co., Wis., March, 1860. [xii vi ii]

## 100 Good Agents Wanted.

ONE GOOD MAN in every principal locality and good farming district, to distribute ONE SHEET for planting the present Spring, and to solicit orders for

COOK'S FAMOUS SUGAR EVAPORATING PANS,

during the Summer and Fall.  
Good Business Men, who can bestow some degree of attention upon this subject, can make it a great benefit to their respective communities, as well as highly profitable to themselves.

All proper parties wishing Agencies, will secure appointments on application in person, or by letter to the undersigned care of the Wisconsin Farmer office, a companion with per references.

Seeds, Circulars, &c. will be furnished to all Agents on application as above.

Letters of inquiry should enclose a postage stamp; and all orders for seeds be accompanied by the cash to pay cost on seed. No profit on it will be charged to agents, as the object is to introduce it into the State as extensively as possible, for the purpose of making sale of the before mentioned celebrated Evaporators, to such as grow good crops.

Address all communications, as before stated, to Crawford Spears, Madison, care of Wis. Farmer.

CRAWFORD SPEARS.  
Madison, March 20, 1860. [xii vi i]

## FLOWER SEEDS BY MAIL!

OUR OWN SELECTION OF

25 varieties for.....	\$1 00
50 " " .....	2 00
100 " " .....	4 00

Persons ordering either of the above assortments may rely upon a beautiful collection.

J. M. THORBURN & CO.,  
15 John St., New York.

[xii vi i]

## Tree and Shrub Seeds.

NORWAY SPRUCE per pound	75
European Silver Fir	\$1 00
Balsam Fir	3 00
Hemlock Spruce (clean seed)	6 00
American Arbor Vita	6 00
Chinese do	3 00
Stone Pine	1 50
Black Austrian Pine	3 00
Scotch Fir	1 50
Scotch Larch	8 00
American Bald Cypress (beautiful) per qt	30
Strawberry Tree (Arbutus Unedo) per oz.	40
Hop Tree, per oz.	25
Buckthorn, per pound,	1 00

Tree Seed Catalogues on application to

J. M. THORBURN & CO.,  
15 John St., New York.

[xii vi i]

## Beautiful French Hybrid Gladiolus.

WE have just received fifty named varieties of the above species.  
Price from fifty cents to \$1.50 each.

Also the best of varieties of

GLADIOLUS,

JACOBAN LILLIES,  
TUBEROSES,

TIGER FLOWERS.

&c.,

&c.,

&c.

For which see our Flower Seed Catalogue.

J. M. THORBURN & CO.,  
15 John St., New York.

[xii vi i]

## New Flower Seeds for 1860.

BARNES & WASHBURN'S Priced Catalogue OF FLOWER SEEDS, containing all the varieties of the season, is now ready, being the most complete and comprehensive of any ever sent out in this country.

Being aware of the embarrassment experienced by amateurs in making their selections from the Catalogue, heretofore sent out by seedmen, we have, in addition to our general descriptive List of about 600 varieties in tabular form, prepared a special list of upwards of 300 of the newest and most popular sorts, giving a detailed description of each, and explicit directions for their cultivation.

Also hints, advice, and directions for the cultivation of flowers in general.

All those about to purchase flower seeds, will find it to their interest to first consult this catalogue.

Flower Seeds forwarded by mail to any part of the United States, post paid.

Catalogues forwarded, post paid, on the receipt of a three cent postage stamp to all applicants.

Address: BARNES & WASHBURN,  
Seedsmen and Florists,  
Harrison Square, (near Boston,) Mass.

[xii vi ii]

NANSEMOND SWEET POTATO PLANTS,  
for northern planting—a superior article, packed to go long distances, 400 \$1; 1,000 \$2; 5,000 \$3; 10,000 \$15—during May and June.  
Send stamp for circulars.

C. B. MURRAY,  
(Late O. S. MURRAY & SON.)  
Foster's Crossings, Warren Co., Ohio.

[xii vi i]



## Fruits for the Million.



ARE MORE easily raised from trees, shrubs, vines, and plants of Wisconsin growth, which may be had in variety at

### '76 NURSERIES,

MADISON, Wis.

Special attention is called to the following First Class Stock and Low Prices:

10,000 three year old apple trees, two years grafted on whole seedling roots, of remarkably fine growth, embracing most of the leading varieties. And ten sorts of great vigor, hardiness, productiveness, and good

quality, which have proved well adapted to the North-West. Price per 100, \$12; per 1,000, \$100.

1,000 Grape vines of the following approved sorts: Delaware and Logan, each \$2@3; Concord, Diana, Hartford Prolific, Rebecca, Elsingburgh, N. Muscadine, \$1; Isabella, Catawba, Clinton, Vermont, \$5c—per doz \$3.

50,000 Strawberry Plants of choice, well tried sorts.—Wilson's Albany, Hooker, per doz., 50c; per 100, \$2. Early Scarlet and other standard sorts for field culture, per 100, 50c; per 1,000, \$3.

5,000 Currants, Red and White Dutch, 2 to 4 years—per doz., 51.50; per 100, \$3.

10,000 Raspberries, Red and Yellow Antwerp—per doz., \$1; per 100, \$5.

5,000 Gooseberries, Houghton's (best) large bearing plants—per doz., \$2; per 100, \$12.

5,000 Pear Plants of many standard sorts and variety—per doz., \$2; per 100, \$12.

In addition to which we have a select assortment of CHOICE APPLE TREES, from 4 to 6 years' growth, and a large amount of Evergreens, Fruit and Ornamental Shrubs and Plants, specimens of which can be seen at the

### Madison Greenhouse,

By JOHN BUDD, who is Agent for the sale of the above stock, and will fill orders sent to us for Greenhouse and Bedding Plants of all descriptions.

We would call especial attention to our stock of fine, hardy Apple Trees, price \$100 per 1,000—just the size for convenient transportation, safe setting, and vigorous growing, and to which we can give an uncommon amount of GOOD ROOTS, samples of which can be seen at the "Farmer Office" and State Agricultural Rooms. [See cut.]

50,000 Hedge Plants of Honey Locust (*Gleditsia iracundus*) one year—per 100, \$1.50; per 1,000, \$10. For those who want an impenetrable and durable hedge, being perfectly hardy, of rapid growth, and never sprouts. Also,

15,000 Timber Locust (yellow) one year—per 100, \$1; per 1,000, \$5.

Orders from a distance will receive especial attention in selection, packing, and delivery to the place of shipping.—Additional charge only to cover the cost of packing.

City orders will be delivered free of charge. Inquiries will receive prompt attention directed to

J. C. PLUMB & CO.,

'76 Nurseries, Madison, Wis.

T. D. PLUMB, Agent, Wis. Farmer Office.

xii 4

## UNDERGROUND

OR

## MOLE DRAINER.

For Reclaiming Swamp, Low, or Clay Lands.

For Underdraining Orchards, or Producing Stock Water.

THE undersigned is prepared to dispose of territory, in Farm or Town rights, and to furnish machines or fill orders for jobs of ditching on short notice.—For information, address

E. W. SKINNER,

Ag't of the Wis. Land Draining Company.

MADISON, WIS.

xii

## New Hardy Grapes, &c., &c.



ORDERS will be received by the undersigned, which will be filled at the best and most reliable nurseries, for any of the New Hardy Native Grape Vines. Twenty years observation and experience in Wisconsin enables me to form an opinion upon many varieties of the Grape and other Fruits adapted to the climate of the Northwest. The following list makes a "set" which I can recommend as the hardest and most prolific, and of excellent quality, and giving a succession of fruit from early in August till the middle of October. Logan, \$2; King, 1; Delaware, \$2; and \$3; Diana, Concord, Hartford, Prolific, Northern, Muscadine, York Maderia, \$1 each; Clinton and Isabella, 85c each, or the whole "set" for \$10. For other varieties, see Catalogue.

### New Varieties of Currants,

Among which are early and late kinds—such as White and Red Dutch, White Grape, Rabbey Castle, Versellas, Fertile de Palnan, \$3 per dozen.

### Raspberries,

Such as Allen, Brinble's Orange, Hudson's River Antwerp, \$2 per dozen, and the Catawissa, Badgley's Perpetual, and Fontenay FALL BEARING RASPBERRIES, \$3 per doz., or 35c. each.

### Wilson's Albany Strawberries,

Hooker, and other kinds, 50 cents per dozen, \$2 per 100.

### Lawton Blackberries,

\$2 per dozen, \$12 per 100. Houghton's (only reliable kind) Gooseberry, prodigious bearer, \$2 per dozen.

Customers may rely upon the gentleness of sorts, and trashy stuff will not be sent out.

Send a postage stamp, and I will send an ILLUSTRATED CATALOGUE.

Terms—Cash with the order.

Address:

E. B. QUINER, Agent.

Madison, Wis.

Packages will be sent by "American Express," unless otherwise ordered. January 23rd, 1860.

122

## "GET THE BEST."



## WEBSTER'S UNABRIDGED DICTIONARY.

NEW PICTORIAL EDITION.

1,500 Pictorial Illustrations.

9,000 to 10,000 New Words in the Vocabulary.

Table of Synonyms, by Prof. Goodrich.

Table giving Pronunciation of names of 8,000 distinguished persons of Modern Times.

Peculiar use of Words and Terms in the Bible. With other new features, together with all the matter of previous editions.

IN ONE VOLUME OF 1750 PAGES.

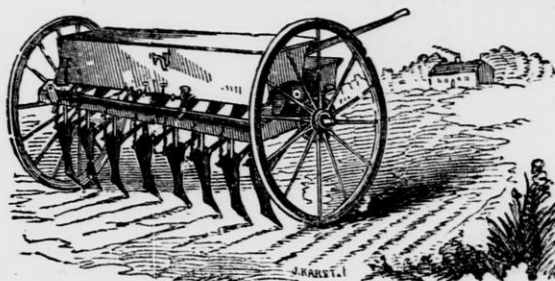
PRICE \$6.50. SOLD BY ALL BOOKSELLERS.

"GET THE BEST." GET WEBSTER.

xii 5]

G. & C. MERRIAM, Springfield, Mass.

## STONER'S NEW PREMIUM GRAIN DRILL AND SEEDING MACHINE COMBINED.



**THIS POPULAR MACHINE** is a combination of all the good qualities of other Drills, besides possessing several new principles just put into use. It is to this Drill that the **FIRST PREMIUM** was awarded at the Wisconsin State Fair in 1858, and also at Milwaukee in 1859, which is proof of its superiority over all others. Price of Drill \$70, which is \$15 less than any other Drill in existence, and is the only one manufactured in the State. Farmers cannot do any better than call upon or correspond with the proprietor and manufacturer.

XII III 17

**A. STONER,**  
No. 2 Spring Street, Milwaukee, Wis.

## THE Mutual Life Insurance Company

OF THE STATE OF WISCONSIN.

Office S.E. Corner Main & Wisconsin Streets,

MILWAUKEE, WIS.

Agents in all the principal towns in Wisconsin & Minn.

**DR. FRANKLIN SAID:** "IT IS A FACT that a policy of Life Insurance is the cheapest and safest method of making provision for one's family," and since his day, *experience* has more fully proved the truth of this assertion. And were it more generally practiced poverty and wretchedness would in a great measure be done away, and widows and orphans not be left destitute, as well as desolate. This Company offers the advantages of Life Insurance on favorable terms. It is a *Home Company*. Its officers and managers are widely and we believe favorably known throughout the West, and they feel that they have *trust funds of a peculiarly sacred character* in their keeping. Its entire profits are to be divided among the insured, and owing to the lower rate of mortality and the higher rate of interest in our State, these profits must be greater than those of Eastern Companies.

*Do not wait for an Agent to call upon you, but go at once and attend to this matter of vital importance to yourself and family.*

### TRUSTEES:

S. S. Daggett,	Dr. E. B. Wolcott,	H. L. Palmer,
Lester Sexton,	Sam'l Marshall,	M. Steever,
Geo. B. Miner,	A. H. Coville,	H. L. Dousman,
J. A. Barber,	Esra Miller,	J. A. Dutcher,
C. P. Halsey,	A. C. Wilmans,	D. B. Whitacre,
J. C. Johnson,	James Nell,	Andrew Proudft
J. B. Martin,	A. Eldred,	J. Bonnell,
D. Newhall,	H. A. Nichols,	M. S. Scott,
D. Nash,	S. C. Hall,	J. Hackett,
J. H. Rountree,	B. F. Pixley,	A. Graham,
O. Alexander,	M. C. Darling,	Carl Schurz,
L. G. Fisher,	J. H. Earnest,	S. C. Spaulding.

S. S. DAGGETT, President.  
A. W. KELLOGG, Sec'y. E. B. WOLCOTT, Vice Pres't.  
C. D. NASH, Treasurer.  
S. G. BENEDICT, Agent.

xii 14]

## Hosford & Seely,

Manufacturers and Dealers in all kinds of  
**SASH, DOORS AND BLINDS.**

Orders from the country promptly attended to. Canal water power Second Ward, Milwaukee, Wis.

J. W. HOSFORD.

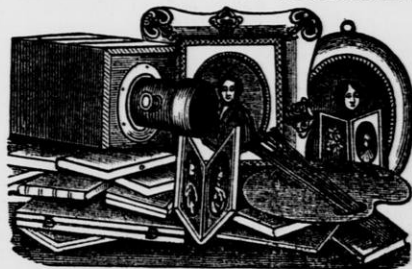
[xi vii 17]

L. SEELY.

## Fuller's Temple of Art!

UNITED STATES BLOCK, CORNER PINCKNEY & MAIN STREETS,

Madison ..... Wisconsin.



DAGUERREOTYPES,  
PHOTOGRAPHS,

AMBROTYPES, &C.

**PICTURES for mailing at a very low price.** Ambrotypes and Daguerreotypes enlarged and copied in Photographs.

This is the largest Gallery in the State, and the **ONLY ONE IN MADISON**, where pictures are made that will **STAND THE TEST OF TIME.**

Call and examine specimens, several hundreds of which are on exhibition.

xii xi

JOHN S. FULLER.



## Patterns and Castings,

AT

NO. 2 Spring St., opposite the Chamber of Commerce, Milwaukee, Wis.

**I will make to order PATTERNS and MODELS** for every variety of machinery and architecture. I will also furnish **IRON and BRASS CASTINGS** in large or small quantities.

Light machinery, new inventions, and all designs in wood and iron, will receive particular attention

xii xi

A. S. TONER.

# FARMERS! ARE YOU INSURED?

**E. G. RIPLEY, President.**  
**T. A. ALEXANDER, Vice Pres't.**  
**THOS K. BRACE, Jr. Secretary.**  
**J. B. BENNETT,**  
 General Agent, Cincinnati, Ohio.



INCORPORATED  
 1819.

Charter Perpetual.

**CASH CAPITAL,**  
 Capital and Surplus,

**\$1,500,000!**  
**\$2,194,100.02.**

**THIS** old established Company gives especial attention to the insurance of

*Farm Buildings, Barns and Out Buildings, Furniture, Grain, Stock, &c.,*  
 for terms of 1 to 5 years. For this class of property, a scale of rates has been fixed low enough to enable every farmer to insure his property. Dwellings, stores, warehouses, taverns, manufactories, &c., insured as low as is consistent with solvency and fair profits.

**LOSSES EQUITABLY ADJUSTED AND PROMPTLY PAID.**

UPWARDS OF \$12,000,000 of Losses have been paid by the Aetna Insurance Co., in the past forty years. Agencies in all the principal cities and towns throughout the State. Policies issued without delay, by any of the following duly authorized Agents of the Company. Apply to the nearest local agent.

**W. H. WYMAN, State Agent, Madison.**

Appleton.....**JOHN ELLIOTT.**  
 Baraboo.....**H. H. POTTER.**  
 Brodhead.....**E. A. McNAIR.**  
 Beloit.....**T. L. WRIGHT.**  
 Berlin.....**J. H. TURNER.**  
 Beaver Dam.....**G. E. REDFIELD.**  
 Cassville.....**W. P. DEWEY.**  
 Chippewa Falls.....**JAMES A. TAYLOR.**  
 Columbus.....**R. W. CHADBOURN.**  
 Delavan.....**N. M. HARRINGTON.**  
 Darlington.....**W. H. ALLYN.**  
 East Troy.....**J. E. STONE.**  
 Edgerton.....**R. S. FASSETT.**  
 Elkhorn.....**J. A. PERRY.**  
 Eau Claire.....**H. C. PUTNAM.**  
 Fox Lake.....**G. W. BURCHARD.**  
 Fond du Lac.....**W. T. GIBSON.**  
 Fort Atkinson.....**N. F. HOPKINS.**  
 Geneva.....**R. D. RICHARDSON.**  
 Grand Rapids.....**POWERS & LANG.**  
 Green Bay.....**H. S. BAIRD.**  
 Horicon.....**W. H. BUTTERFIELD.**  
 Hazle Green.....**CHANDLER & YORK.**

Hudson.....**S. CURTIS SIMONDS.**  
 Janesville.....**H. W. COLLINS.**  
 Jefferson.....**D. OSTRANDER.**  
 Kilbourn.....**G. J. HANSEN.**  
 Kenosha.....**L. G. MERRILL.**  
 Lancaster.....**H. H. HYDE.**  
 La Crosse.....**THEO. RODOLF.**  
 Mauston.....**JOHN TURNER.**  
 Menasha.....**F. W. PERRY.**  
 Madison.....**W. H. WYMAN.**  
 Milwaukee.....**W. H. HOLLAND.**  
 Mineral Point.....**R. L. READ.**  
 Manitowoc.....**S. A. WOOD.**  
 Monroe.....**E. A. WEST.**  
 Mazomanie.....**S. E. WATERHOUSE.**  
 Kilbourn.....**G. VANSTERNWYCK.**  
 Neenah.....**C. O. TOWNSEND.**  
 New Lisbon.....**M. McQUEEN.**  
 Oconto.....**J. F. WOODRUFF.**  
 Oshkosh.....**C. H. BRUSH.**  
 Ozaukee.....**S. A. WHITE.**  
 Pepin.....**HENRY D. BARRON.**

Platteville.....**J. H. BOUNTREE.**  
 Portage.....**D. VANDERHOEK.**  
 Prescott.....**P. V. WISE.**  
 Potosi.....**J. W. SEATON.**  
 Prairie du Chien.....**IRA B. BRUNSON.**  
 Racine.....**DURAND & REYMOUR.**  
 Ripon.....**H. L. EGGLESTON.**  
 Richland Centre.....**PRIEST & MINER.**  
 Reedsburg.....**WM. HASKELL.**  
 Sheboygan.....**EUGENE OARY.**  
 Shullsburg.....**M. HOLLISTER.**  
 Stevens Point.....**WILLIAM McNAIR.**  
 Stoughton.....**S. T. BUCKMAN.**  
 Sparta.....**E. S. WHITAKER.**  
 Superior.....**WM. R. PERRY.**  
 Sauk City.....**S. B. BUEBOWS.**  
 Viroqua.....**W. F. EERHUNE.**  
 Watertown.....**J. A. HALL.**  
 Waukesha.....**W. M. SOFER.**  
 Waupaca.....**WINEFIELD SCOTT.**  
 Weyauwega.....**JNO. FORDYCE.**  
 Waupun.....**W. H. TAYLOR.**  
 Whitewater.....**O. MONTAGUE.**

## FOR SALE.



**THE PREMIUM CAST IRON CORN AND COB MILL,**  
**"BIG INJUN."**

Price \$35.00 cash, or marketable produce. Office at No. 2 Spring St., Milwaukee, Wis. Trial will be made of each Mill before delivering, (if desired,) so that none need purchase in doubt.

This new and already celebrated MILL took the first premium over the best Mills of this State and Illinois, at the late State Fair held at Milwaukee. It is a Sweep Mill, and particularly adapted the Farmers who have no machinery, although it can be more readily attached to machinery than any other Mill of the kind. The Mill is a light draught for one horse, and will grind as much as any other Mill in use. Its grinding surfaces can be changed for large and small grain, and renewed for comparatively nothing. All are respectfully invited to examine and see that what I say is true.

All orders and communications will be promptly attended to.

[183 tf]

A. STONE.

## PROTECTION FOR FARMERS!

**THE** Directors of the **DODGE COUNTY MUTUAL** (strictly a Farmers') **INSURANCE COMPANY** are gratified that they are enabled to state that this Company is doing a *Large, Prosperous and SAFE* business, paying all losses promptly, and taking no extra-hazardous risks. Its character as a well conducted, reliable, and prompt paying institution has become well established, and shall be maintained.

It is emphatically a *Farmers'* Insurance Company—we take no risks except farm property and isolated dwellings, and rely upon our manner of doing business to secure the confidence and patronage of the Farmers of our State.

Policies issued on both the cash and mutual plan.  
**WM. G. McELRGY, Director.** **GEO. B. BLY, President.**  
**LOGAN GRAVES, do** **E. BARKER, Vice Pres't.**  
**MATTHEW L. COE, do** **EDWIN HILLYER, Sec.**  
**JAS. T. HILLYER, do** **JOHN WARE, Treasurer.**  
**L. B. HILLA, Acting Director.** **K. BARKER, Gen'l Agent.**

1881

**HERRING'S PATENT**  
**FIRE AND BURGLAR PROOF SAFES,**  
**WITH HALL'S PATENT POWDER-PROOF LOCKS,**  
**HAVE NEVER FAILED** in more than three hundred disastrous fires.

**THE SAFEST AND BEST SAFE IN USE.**

Delivered to any Railroad Station in the United States or Canada, at the very lowest rates, by  
**JAMES G. DUDLEY, Sole Agent,**  
 at 98 Main Street, Buffalo, N. Y.

193



# FARMERS' INSURANCE COMPANY.

## REPORT OF THE MADISON MUTUAL INSURANCE CO.,

Made to the Governor of the State of Wisconsin, as required by the provisions of Chapter 103 of the General Laws of 1850.

Total amount of accumulations.....\$39,080 95

### ASSETS.

Premium Notes of policy holders.....	\$35 462 46
Cash on hand and due from agents.....	2,956 02
Amount due secured by mortgage and in judgment.....	832 47
Office furniture and fixtures.....	800 00
	<hr/> \$39,080 95

Whole number of Policies issued.....	4507
Amount of outstanding risks thereon.....	\$2 09,950 49
Amount of losses adjusted and unpaid.....	None.
Amount of losses unadjusted and unpaid.....	None.
Number of Policies issued in 1859.....	1187
Amount of outstanding risk thereon.....	\$1,140,076 00
Amount of Premium Notes rec'd thereon.....	17 109 82
Amount of cash premium rec'd thereon.....	11,059 04
Amount of losses paid (19 in number).....	2,409 45
Amount of commissions paid Agents.....	3,817 70
Amount of expenses paid including all compensation of office, printing, advertising, rent, postage, furniture, and all other incidental expenses.....	3,817 51

### STATE OF WISCONSIN, } ss. DANE COUNTY,

We, the undersigned, being the President and a majority of the Directors of the *Madison Mutual Insurance Company*, do solemnly swear, and each for himself, that the foregoing is a true and correct statement of the affairs of said Company, in the particulars therein named, as appears by the books of said Company, according to the best of their knowledge and belief.

N. W. DEAN, President.  
D. J. POWERS, Vice Pres.  
DAVID ATWOOD, Sec'y.  
GEO. F. HASTINGS, Director.  
B. F. HOPKINS, do.  
WM. DUDLEY, do.  
JAMES MORRISON, do.

Subscribed and sworn to before me this 6th day of January, 1860.

T. D. PLUMB,  
Notary Public, Dane Co., Wis.

### LOSSES PAID IN 1859.

Feb. 28—Loss of S. H. Coleman, Juneau, Dodge Co.	\$10 00
do do J. W. Seaman, Richland City, Richland Co.....	10 00
April 23—Loss of Fannie Plummer, Mauston, Juneau Co.....	15 00
August 27—Loss of George F. Taylor, Madison, Dane Co.....	15 50
August 27—Loss of Nelson Sickles, Waterloo, Jefferson Co.....	690 88
Oct. 21—Loss of A. L. Beebe, Dunn, Dane Co.....	650 00
Nov. 25—Loss of J. B. Barber, Juneau, Dodge Co.	68 00
do do Jas. K. Main, do do do	408 57
do do Thos. Mayhew, Merton, Waukesha Co.....	27 00
Dec. 21—Loss of W. N. Seymour, Madison, Dane Co	20 00
Dec. 23—Loss of Wm. Edwards, Sugar Creek, Waukesha Co.....	400 00
Dec. 23—Loss of Leonard Hatch, Kenosha, Kenosha Co.....	100 00
	<hr/> \$2,409 45

As will be seen by the above Report, the Company has done a very successful business during the past year, notwithstanding the extreme hard times. The condition of the Company was never more prosperous. After paying every loss, and every item of indebtedness, there is still a surplus of \$2,956 02 in hand and due from Agents; and

this has all been accomplished from the receipts of the business without a resort to any assessment upon the premium notes held by the Company. Such a result, in a year of extreme financial embarrassment, must be gratifying to every member of the Company. The Company has been in operation nine years, and made but two small assessments. Let farmers desiring insurance in a cheap and safe company, examine the figures in the above Report.

The officers of the MADISON MUTUAL FIRE INSURANCE COMPANY, for the year 1860, are as follows:

### DIRECTORS.

N. W. Dean,  
B. F. Hopkins,  
James Morrison,  
O. C. Washburne,  
J. W. Byd,  
S. H. Vandercook,  
D. J. Powers,  
Geo. F. Hastings,  
William Dudley,  
G. F. Taylor,  
R. H. Giles,  
David Atwood,

### L. W. Hoyt,

### OFFICERS.

N. W. DEAN, President.  
D. J. POWERS, Vice President.  
DAVID ATWOOD, Sec'y and Treas.  
GEO. F. HASTINGS, General Agent.

Reasons why Homestead Property should be insured in this Company:

1. It is a Wisconsin institution, located at the Capital of the State, thus affording every facility for members to institute inquiry into its business operations, and for the settlement of losses through their representatives in the Legislature and State officers.
2. It is a Mutual Company, thus affording cheaper rates and greater security than can be obtained in Stock Companies.
3. Its capital stock consists of the premium notes of the parties insured, and cannot be squandered by corrupt officers, or become the basis of speculation to the managers; but can only be called in to pay losses, and other absolutely necessary expenses; while Stock Companies receive the full amount of premium in advance, and often invest it in stocks which are liable to become worthless, causing general embarrassment to the companies, and rendering unsafe the insured.
4. It confines its operations to the State of Wisconsin; and to the insurance of Farm Property, and strictly isolated buildings, with their contents in villages and cities.
5. It is an old company—its affairs have always been economically managed and its losses paid without litigation, and without unnecessary delay.
6. It is under the control of the insured parties, each one having a vote in the choice of its officers, at the commencement of every year, either in person or by proxy.
7. It pays no stated salaries to its officers; but pays for all services according to the amount of labor performed.
8. It will refund to any person insuring for a longer time than one year, all moneys received from them, as the regular rates for the time they are insured, and \$1.50 paid Agents for survey and policy, and the policy will be cancelled.
9. It will pay all damage caused by the effect of lightning to property insured, whether the building is burned or otherwise damaged not exceeding the amount insured.
10. It will not insure over the hardy or property, be having, as it does, that the loss of a family's could not be liable to be asked to pay losses incurred on property in the hands of reckless speculators, not only subject to fire and lightning, but to wind and water, as well as the risk of the incendiary, so often applied in cities and commercial towns.

DAVID ATWOOD, Secretary.

G. F. HASTINGS, General Agent.  
Madison, January 7 1860.  
XII II  
OFFICE IN BRUEN'S BLOCK, MADISON, WIS.

# JOHN NAZRO & CO.

121, 123, 125,  
East Water-St., Milwaukee.

Wholesale and Retail Dealers in  
**HARDWARE!**  
And House Trimmings.

Cultivator Teeth, Staw Cut-  
ters, and all kinds of  
**Farming Tools.**

ALL KINDS OF  
**TIN PLATE  
SHEET IRON,**  
COPPER, &c., &c.



# R. HOE & CO'S

**SAWS,  
WIRE & ROPE,  
AXES**

**SHOVELS AND SPADES,  
IRON & STEEL**  
Blacksmith', Cooper's, Car-  
penters' and Cabinet Maker's  
**TOOLS,**

**OF ALL KINDS.**  
**NAILS, GLASS, WHIPS,  
GUNS & PISTOLS,  
PLATED FORKS,  
CUTLERY AND SPOONS,  
Belting and Bells.**

## Rock Lake Vineyard & Nurseries.

THE PROPRIETOR of these extensive and well known grounds would respectfully call the attention of the public to his large and choice varieties of Grapes.

Having the past year made several new additions to his selections, consisting in part of the following varieties, of which he is prepared to send out fine, strong, healthy plants at the following low rates:

Delaware \$2 to \$5 each; Diana 75c to \$1; Rebecca \$1 to \$2; Northern Muscadine 75c to \$3; Concord 75c to \$2; Hartford Prolific 75c to \$1; Logan \$1; Jo Kalon \$1; Marion Port 50c; Black Maderia 75c; Burgundy 50c to 75c; Sage's Mammoth 75c to \$1; Burton's Early August 75c to \$1; Mass. Early 75c to \$1; Conn. Blue 75c to \$1; Isabella, Catawba, Clinton, Vermont, 25c to 50c.

50,000 Apple Trees, from one to six years from graft; 20,000 Seedlings, from one to six years; Lawton Blackberry 1c to 25c.

Pie Plant—Cahoon, Victoria, Mammoth and Strawberry, 25c to 50c.

Strawberries—Wilson's Seedling 87c per doz., \$2.50 per 100

Gooseberries—Houghton's Seedling 25c; Mountain Seedling 50c

Send Stamp and get Descriptive Circular.

All orders will be filled as received.

Bines securely packed and sent to any part of the States.

ISAAC ATWOOD.

Rock Lake Vineyard Nurseries,

xii 4

Lake Mills, Jefferson Co., Wis.

## Great Valley Nursery on N. Y. & E. R. R.

FIFTY MILES EAST OF DUNKIRK.

**ARBORVITE, Hemlock, Spruce, White**  
Pine, Balsam Fir, from forest, under 1 foot, \$1 per 1000, \$60 per 10,000. The two former, nursery grown, \$30 per 1000. Scarlet and sugar maple seedlings, one and two years, 6 to 12 inches, \$3 per 1000, \$20 per 10,000. Plants good.—Packing first rate, for which and delivery at depot no charge. Terms cash. Orders also received and catalogues forwarded by F. K. Phoenix, Bloomington Nursery, Illinois. Post Of- fice, Great Valley, N. Y.

xix 11 f

S. T. KELSEY & CO.

## Geo. V. Ott's

**LEATHER AND HARNESS STORE,  
WHOLESALE AND RETAIL.**

**UPPER, SOLE, HERNESS & BELTING LEATHER.**  
FRENCH CALF AND KIP SKINS.

Shoe Findings, Tools and Lasts.

**PLASTERING HAIR**  
Harness made to order, and Repairing done, &c.

GEO. V. OTT,

In Basement of Bruen's Block, under Dane Co. Bank,  
Madison, Wis.

xvii 12

## University Commercial School.

BRUEN'S BLOCK, MADISON, WIS.

THE REGENTS of the Wisconsin University, at their meeting in July, 1858, established a  
**COMMERCIAL SCHOOL**

In connection with this Institution, and now offer its advantages to those who desire to qualify themselves for Business and the Counting Room.

### THE COURSE OF INSTRUCTION

Is as extensive and thorough as that of the best Commercial Colleges of the West. Special attention will be given to

**Single and Double Entry Book-Keeping,**  
embracing every department of business accounts, to Com-  
mercial calculations, practical penmanship, &c., &c.

There will be two courses of Lectures during the coming season before the school; one on **POLITICAL ECONOMY** by John Y. Smith, Esq., and one on **COMMERCIAL LAW**, by several members of the Madison Bar.

The school will be open for Ladies, for whom a separate room is provided.

In addition to the daily sessions, the school will be open four evenings in each week from October to April.

Students are instructed individually and can enter at any time. The usual time required by an industrious student to complete a course, is from eight to twelve weeks.

### TERMS:

Full Course, time unlimited, in advance, for gentlemen, \$25  
do do do do ladies, 15  
Penmanship alone, per month, ..... 4  
Season commences first Monday in September.

For further particulars, address,

D. H. TULLIS, Instructor.

Madison, Wis., Aug. 20, 1858.

## J. H. Warner & Co.,

Wholesale and Retail Dealers in

**STRAW AND MILLINERY GOODS,  
Dress Trimmings, Embroideries,  
GLOVES, HOSIERY, &c.,**

231 Main Street, 2d door north Newhall House.  
We have on hand a large stock of the above Goods, to which we wish particularly to call the attention of  
**Merchants and Milliners.**

J. H. WARNER & CO.,

231 Main Street, 2d door North of Newhall House.  
Milwaukee, Wis.

xvi 6

**THORBURN'S DESCRIPTIVE ANNUAL**  
CATALOGUE, of Kitchen, Garden and Agricultural Seeds for 1860, is now ready for mailing to applicants enclosing a postage stamp. It contains directions for cultivation and other useful information for amateur cultivators.  
Send for it.  
J. M. THORBURN & CO.,  
15 John-st., New-York.

## Elgin Nurseries.

### FRUIT AND ORNAMENTAL TREES.

**TEN active salesmen wanted** that can make from one to three hundred dollars per month each. We invite the attention of nurserymen, tree dealers and farmers in all the Great West to our very extensive stock of Trees, Plants and Shrubs, of varieties and qualities the most valuable and excellent.

This nursery now occupies about forty acres of land. The quality of trees and stock, both in size and thriftiness is not excelled either East or West. Especial care has been taken to cultivate such hardy varieties as will endure a prairie climate. Our fruit trees consist of—

Standard Apple, 8 to 4 years old, strong and healthy.  
 Pear, 2 to 8 do do  
 Cherry of hardy varieties.  
 Currants—Red, White, Black, Victoria and Red Grape.  
 Gooseberries—Boughton Seeding which never mildews.  
 Blackberries—Lawton and Thornless  
 Raspberries—Several of the most valuable varieties.  
 Strawberries—including Wilson's Albany and Hooker's Seeding.

Ornamental—Evergreens, Norway Spruce, Scotch, Weymouth and Black Austrian Pines and American Arborvitae. Deciduous Trees, Tyrolese Larch, European Mountain Ash, Black Walnut and Silver Maple.

Seedlings—Apples first quality, Sugar Maple, Silver do., White ash and Horse Chestnut. Also a quantity of Elm Seedlings 2 years old.

Our long and successful experience in selecting ground and cultivating fruit in orchards, enables us to publish and contribute gratuitously to each who may send us their orders such instructions as will, if followed, insure success in fruit raising.

All orders and enquiries will be promptly answered.  
**D. CHICHESTER SCOFIELD,**  
 Successor to L. K. SCOFIELD & CO.  
 Elgin, Kane Co., Ill., Aug., 1859. XII IX

## NOTICE!

**To Machinists, Foundrymen,**

## AND BOILER MAKERS!!

**THE SUBSCRIBERS**, wishing to change their business, will sell all the Tools and Machinery of the **GLOBE IRON WORKS**, in the City of Milwaukee, Wis., consisting of Lathes, Iron Planers, Drills, Screw Cutting Machine, with Taps and Dies, Wood Turning Lath, Circular and Scroll Saws, Shafting, Pulleys, Hangers and Belling, Vices, Work Benches and Hand Tools, Blacksmith's Tools, full and complete sets of Boiler Maker's Tools, such as Punches and Shears, Rollers, Flange Books, Drill and Hand Tools. The Foundry has everything for large and extensive works, such as Cupola and Blower, Backing Mill, Cranes, Crowbars, Core carriage, Clamps, Shovel's, Core Plates, Patterns and Flasks. Also, the Steam Engine and Boiler, complete, used for the motive power of the Works. The Tools, &c., were all purchased new from the best manufacturing establishments East, and were selected with a great deal of care, and are not excelled for strength, truthness and convenience in any shop in the West, and having been in use but a short time, are all in complete working order and nearly as good as new. They will be sold cheap separately or together. Part of the purchase money must be paid down, the balance time will be given on good approved paper. We will also sell or lease on reasonable terms, for five or ten years, the Real Estate, which consists of four Lots, with main building seventy by thirty feet, three stories high, with two wings, one sixty by thirty feet, the other being one hundred and thirty by forty feet, running on L., together with engine room, all brick buildings, erected on a substantial piled foundation, in a central business part of the city, and convenient to the river and the railroad, and would be a good point for a Flouring Mill, or for any other manufacturing Works.

We also have a few of "Danford's Reaper & Mowers," left over from last season, that we will sell at a reduced price, below first cost.

Any notes or accounts against us, either due or maturing, will be received in payment for any of the above property.

We would state to our customers and patrons, that we have made arrangements in this city for manufacturing and repairing any Machinery, Reapers and Mowers, Flour Mills and Sugar Mills, that have been made by us, and all orders will be promptly filled.  
**L. L. LEE & SON,**  
 Proprietors of the Globe Iron Works.  
XII 4]

## HOWE'S IMPROVED

## HAY OR CATTLE SCALES

THE BEST IN USE!

**FIRST PREMIUM OVER FAIRBANKS**, at Vermont State Fair, '57 and '58.

**FIRST PREMIUM** and no competition in 1859.

**FIRST PREMIUM** at 18 different state fairs.

**SILVER & BRONZE MEDALS** at National Institute Fair, N. Y., 1859.

Howe's SCALES for ALL Uses, have Great Simplicity, Wonderful Accuracy.

Require no Pit; may be set on top of the ground, or on a barn floor, and easily removed.

No Creak Rod; no friction on Knife Edges; all friction received on ball. Weigh truly if not level.

Delivered at any Railroad Station in the United States or Canada, set up and warranted to give entire satisfaction, or taken back.

Send for Circulars and price lists, with account of trial of Scales between Howe and Fairbanks, at Vermont State Fair, to

**JAMES G. DUDLEY,**  
 General Western Agent, 93 Main street,  
 Buffalo, N. Y.

12 8

## CAST STEEL BELLS,

For Churches, Academies, Fire Alarms, Factories, &c.

FROM SHEFFIELD, ENG.,

**HAVE** been tested in all climates, Europe and America. Weigh less; cost less per pound; have better tones; can be heard farther than any other bells. They cost 50 per cent. less than

THE BEST COMPOSITION BELLS,

Which are also sold by me at maker's prices.

**BROKEN BELLS TAKEN IN EXCHANGE,**

Or re-cast on short notice. Such bells will nearly pay for steel Bells of same size.

Send for Circular. Bells delivered in all parts of the United States or Canada, by

12 8

**JAMES G. DUDLEY,**  
 93 Main street, Buffalo, N. Y.

**For Sale at a Great Bargain!**

— THE —

**Mendota Foundry & Machine Shop,**

Located in Madison, Wisconsin, a snug and ample establishment for making Castings, Machinery of various kinds, and for REPAIRING, in all its branches.

**THIS Establishment is almost new,** and in complete running order throughout, with a considerable amount of stock on hand for the Foundry.

It is the only Establishment of the kind in the large County of Dane or within about forty miles in any direction. Embracing more than 50,000 inhabitants within the circuit of its business.

**IT MUST BE SOLD**, under an assignment; and therefore can be bought at a **GOOD BARGAIN**, and time given on a portion of the purchase money.

Those wishing to embark in a good business of this kind, cannot find a better location in the whole country, nor a better bargain.

Enquiries by letter will be promptly answered, and an early examination of the property is solicited.

Address: **D. J. POWERS, Assignee**  
 of P. H. TURNER.  
 Madison, January, 1860. XII II 12

## Dwarf Pears and Apples.

**OF** the most desirable varieties for the garden, will usually bear fruit in one or two years from planting.

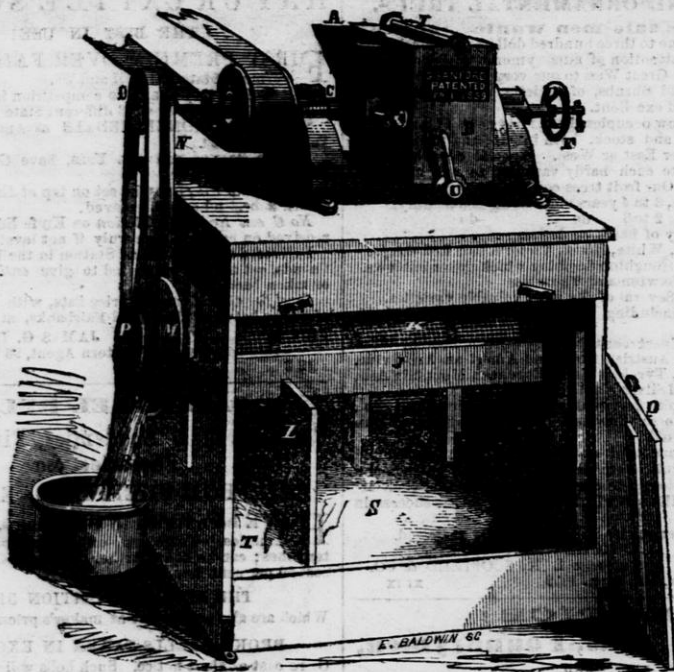
**Standard Pears and Plums** of many hardy, fine sorts, well grown, thrifty trees.

**A. G. HANFORD,**  
 Woodside Nurseries, Waukegan, Wis.

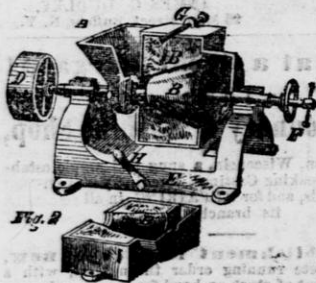
XII v 8]



# EXCELSIOR MILL, FOR FARMERS AND MILLERS.



**P. L. CARMAN & Co., Madison, Sole Agents for Wisconsin.**



THIS MILL, invented by Mr. G. Sanford, is now on exhibition, and for sale at the Agency above; and though it has been patented but a few months, has gained a wide and enviable reputation as a Flouring, Corn and Feed Mill. It is also adapted to grind dried fruit, spices, coffee, plaster of paris, whiting, soap stone, white lead, salaratus, cream of tartar, etc., etc.

Persons wishing Mills for any of the above purposes, will do well to examine this before purchasing, as it has many advantages over those now in use.

The quality of the work performed by this Mill, and its great durability, (lasting a life time,) ought to commend it to those who have been so often deceived in purchasing Iron Mills.

**Middlings.**—No mill can be compared to the "Excelsior" for grinding middlings, and owners of mills would save the price of it in a few months by purchasing one for this kind of work; by many experienced men it is pronounced superior to the ordinary flat stone mill, for general milling purposes, as it will do an equal amount of work, equally well, with one-third less power; and is much more easily handled and kept in good working order.

**Meal.** for ordinary domestic purposes, can be ground with this mill, in great perfection, and very rapidly, as also the coarsest grades for feed.

**Feed.**—As a feed mill we challenge comparison with any in use, both as to quality and quantity of the work. The advantages of the construction of the combined and divided-shell, heretofore described, are, that the mill grinds the best flour or the coarsest feed by a turn of the adjusting screw; that it heats the meal less than the flat stone mill, that it can be taken apart and dressed by any person of ordinary intelligence; that it can be operated with less power than any other mill of equal capacity; that it is more compact, simple, and less liable to get out of order than any other mill now before the public—advantages that will be appreciated by all who have used mills that are complicated in construction, and that require the attendance of a practical and experienced miller or millwright to put them in order.

From actual experiment, we are prepared to say, that with one horse three bushels of fine Indian meal per hour can be ground from the hardest corn, which is equal to the work of a four and a half foot flat stone mill, under an eight feet head of water, on a horizontal wheel. Two horses, with Sanford's new patented "Anti-friction Horse Power," will grind with this mill five bushels meal the hour.

The mill can be run up to one thousand revolutions per minute, which is the most economical rate of speed for our mill, grinding from five to seven bushels fine meal the hour, and of feed eight to fourteen bushels, according to fineness. Four to five horse steam power will drive the small mill to its utmost capacity, and six to seven is sufficient to run our large flouring mill to the greatest speed required.

From fifteen hundred to three thousand bushels of corn can be ground with the mills, as we deliver them, without dressing them, after which any intelligent man can put in the same dressing, in a few hours, by using a sharp sick.

The farm mill is 36 inches long, 18 wide and 18 high, and weighs 800 pounds. The box containing the bolt is three feet square.

Persons ordering mills should state the kind of work they wish them to perform, and if more than one kind, which will be the principal grain ground. It is also very important that we should know the kind of power to be employed in driving them, that we may send a mill perfectly adapted to the power and work.

**The Prices are as follows:**—Corn Meal and Feed Mill, \$105; Flouring Mill, same size, without Bolt, \$105; Flouring Mill with Bolt, \$110; Flouring Mill with Millstone Bolt, \$150; Large Sizing Flouring Mill, without Bolt, \$170. Our terms are CASH on delivery in this city. Letters requiring further information addressed to the undersigned will meet prompt attention.

[x16]

**P. L. CARMAN & Co., Madison, Wis.,**  
Near the Milwaukee & Mississippi R. R. Depot.

E. M. Williamson

49



OL. 12. MADISON, MAY 1, 1860. NO. 7

**The Wisconsin Farmer,**  
A MONTHLY JOURNAL,  
Devoted to Agriculture, Horticulture, &c  
PUBLISHED BY D. J. POWERS & Co.

**TERMS OF SUBSCRIPTION.**  
Single Copies, \$1 per year—Seven Copies, \$6  
—Ten Copies, \$8—Fifteen Copies, \$12—  
Twenty Copies, \$15, and one to the Agent.

**RATES OF ADVERTISING IN THE FARMER.**

INSERTIONS	1	2	3	4	5	6	7	8	9	10	11	12
Lines or 1 sq'r	\$2	3	4	5	6	7	8	9	10	11	12	13
2	3	4	5	6	7	8	9	10	11	12	13	14
3	4	5	6	7	8	9	10	11	12	13	14	15
4	5	6	7	8	9	10	11	12	13	14	15	16
5	6	7	8	9	10	11	12	13	14	15	16	17
6	7	8	9	10	11	12	13	14	15	16	17	18
7	8	9	10	11	12	13	14	15	16	17	18	19
8	9	10	11	12	13	14	15	16	17	18	19	20
9	10	11	12	13	14	15	16	17	18	19	20	21
10	11	12	13	14	15	16	17	18	19	20	21	22
11	12	13	14	15	16	17	18	19	20	21	22	23
12	13	14	15	16	17	18	19	20	21	22	23	24
13	14	15	16	17	18	19	20	21	22	23	24	25
14	15	16	17	18	19	20	21	22	23	24	25	26
15	16	17	18	19	20	21	22	23	24	25	26	27
16	17	18	19	20	21	22	23	24	25	26	27	28
17	18	19	20	21	22	23	24	25	26	27	28	29
18	19	20	21	22	23	24	25	26	27	28	29	30
19	20	21	22	23	24	25	26	27	28	29	30	31
20	21	22	23	24	25	26	27	28	29	30	31	32

**500 FOR \$5.**  
**STRAWBERRY PLANTS**—WILSON'S ALBANY, HOOKER, PEABODY, HOVEY, and LARGE ELY SCARLET.  
One hundred of each of the above leading and excellent varieties—strong and vigorous, true to name, securely packed for any distance, and delivered at Express Office, FIVE DOLLARS.  
Catalogues gratis. Send for one.  
**EDWIN MARSH & LL,**  
Pokeepsie, Nursery, Pokeepsie, N. Y.  
Also, a fine stock of **Latham's Rhubarb** (the best) sale. [xii 71]

**Cranberry Growing.**  
**WANTED**—A man to engage in this business.

**THE UNDERSIGNED HAS A MARSH OF ABOUT** six hundred acres, twenty miles east of Madison, in immediate vicinity of railroad leading to Milwaukee. Chicago, that is exceedingly well adapted to the import and increasing business of Cranberry culture. Many bushes of large, fine flavoured berries are growing naturally on the marsh, and care in propagating and spreading is only required to cover the whole tract with this favorite fruit, and a crop of thousands of bushels may be annually secured.  
There is connected with the marsh about eighty acres of land, thirty of which is already under cultivation.  
To a good reliable man, wishing to engage in this lucra business, a liberal contract will be made for a term of years.  
For further information address  
**E. W. SKINNER,**  
Madison, Wis.

**RECOMMENDATION**  
**To Farmers in Selecting the best Mower and Reaper.**  
**THE** Committee on Agricultural Implements of the last New York State Fair, held at Albany say to farmers:  
"We think the improvements put upon this machine (KIRBY'S AMERICAN HARVESTER) since the last State Fair, justly entitle it to this award; ("THE MOST VALUABLE MACHINE OR IMPLEMENT FOR THE FARMER, EITHER NEWLY INVENTED OR AN IMPROVEMENT ON ANY NOW IN USE," and the exceeding strength and great simplicity of the machine, MUST COMMEND IT TO THE FARMING COMMUNITY."  
[xii 78]

**Dioscorea Batatas,**  
OR  
**CHINESE POTATOES,**  
BY MAIL.  
**THE** experience of judicious growers in the cultivation of the CHINESE POTATOES confirms all that has been said in their favor. Wherever they have received the care necessary to their full development, the result has been entirely satisfactory in every respect.  
Publishers by mail, post paid, at 25 cts per dozen; \$1.50 per 100; \$1.50 per 1000.  
Send for our Catalogues.  
**J. M. THORBURN & CO.,**  
15 John St., New York.  
[xii 71]

**New Valuable Squash Seeds,**  
BY MAIL, POST PAID.  
**WHITE LEGHOEN**, per packet, 25 cts.  
Mammoth Cuba, 25 "  
Mammoth Chili, " 25 "  
Imported Lima Marrow, " 25 "  
Sandwich Island, " 25 "  
Tine Hubbard, per packet \$1.50; per oz. 20 "  
Tine Seven Years Pumpkin, per packet, 25 "  
Japan Apple Pie Melon 25 "  
Send for our Catalogues.  
**J. M. THORBURN & CO.,**  
15 John St., New York.  
[xii 71]

**FLOWER SEEDS,**  
BY MAIL!  
**OUR OWN SELECTION OF**  
25 varieties for.....\$1 00  
50 " ".....2 00  
100 " ".....4 00  
Persons ordering either of the above assortments may rely upon a beautiful collection.  
**J. M. THORBURN & CO.,**  
15 John St., New York.  
[xii 71]

CONTENTS OF THIS NUMBER.

"May, sw et May,"	181
Notes on Routes	182
Sugar cane in Minnesota	184
Experience in Chinese Sugar Cane Culture and Man- facture	185
Grain crops of corn—Importance of sub-soil plowing	186
An Act to regulate and use the keeping of dogs	187
An experienced Buttermaker's method	189
The Lupine	190
Sowing and Taring Corn	191
Produce vs Non-Producers	191
Chinese Sugar Cane—More testimony, in favor of	192
Honey Locust for d dges	194
Remarks of Hon. Senator Taylor of Maine, on the bill for protecting the wool-growing interest of the State	194
More about Cranberries	195
The Peach Blow Potato	196

STOCK REGISTER.

Corn Stalks for milch cows	197
Partial disease among cattle	197
What is the matter with the cows?	198
Black Hawks the best roadsters	198
Ext ordinary Cow	198
The calving Cow	198
Keeping a mixed stock on pastures	199
About sheep	199
Anticipated decrease in the wool clip	199
Wool	199
More about the Lupine	199

HORTICULTURAL.

Bedding Plants	190
Evergreens	190
Profits of Rhubarb	190
Ever-Blooming Roses, (Illustrated)	191
Small trees vs. large ones	192
Sending Grapes by mail	192
Laying the Grape	193
Roots again	194
New mode of Grafting	194

HOME CIRCLE.

That Night it Rained	194
A nice Pudding	194
The Weather	195
Science for the Young Folks	195
A sad Journey	196

FOR THE CHILDREN.

Arabia	197
The Pillar of Hercules	197
The Cap of Liberty	197


MISCELLANEOUS.


About Western Debts &c.	197
"Horse Power" as a measure of force	197
Ownership the great sin	198
Marked Papers	198
Farming as a whole does pay	198
The world to a man out of work	198
Legal weights of commodities sold by the bushel in Wisconsin	198
Legislation crop	198


EDITOR'S TABLE.


The early spring—Good crops in an anticipation	199
The Dog Law	199
The Legislature	199
Legislative discussion on Agricultural Societies	199
140 acres of Potatoes cultivated by one firm	199
Communications deferred	199
Answers to Correspondents	199


ADVERTISEMENT NOTICES


 Seymour & Morgan's Improved New York Reaper, advertised by S. L. Sheldon, are among the best known machines in the State; and so far as we know almost universally satisfactory. Mr. Sheldon, the general agent, is also equally well known as a desirable man to deal with, in all respects. Farmers may safely trust both his reapers and him.


 The Kirby American Harvester will also be found fully advertised, not only in the *Farmer*, but in almost all the leading agricultural journals of the West. It appears to be a machine that is rapidly coming into favor as fast as known, and well worthy the attention of our farmers. Read what they say about them, and note their list of agents.


 Jersey Peach-Blow Potatoes. See advertisement of Shoecraft & Co. We can testify to the quality of these potatoes, having helped eat a mess of them. They cooked mealy and fine as possible; never saw better potatoes at any season for eating.

 Sweet Potato Plants. See advertisement of S. P. Truesdell.

 Dioscorea Batatas, by J. M. Thorburn & Co. Who would like to try them? Also valuable Squash Seeds, Long Orange Carrots &c., &c., by the same parties.

 Cranberry growing. See advertisement of E. W. Skinner, wishing parties to engage in that business.

 500 strawberry plants for \$5. Who wants to start a good bed of them?

 Young America Broad Cast Sower. See advertisement, &c.

The Jersey Peach-Blow Potatoes

WE WISH TO APPRISE THE FARMERS OF WISCONSIN that we are introducing the above celebrated Potatoes into the Western States, for seed and present supply.

We confidently recommend them as by far the best potato that can be grown, either for the market, stock, family use.

We planted one thousand bushels of them last season at Sturgis, Michigan, with seed imported from New Jersey, and have found them to fully sustain their high reputation, being the first in the New York and Philadelphia markets at all seasons.

They are a large, handsome Potato, yield very large at least one-fourth more than any other good variety known.

They are very little injured by the drought; never are an unsatisfactory cooking Potato, at all seasons, both white and mealy until a new crop is grown.

They took the FIRST PREMIUM at the United States Fair at Chicago last fall, and at all other fairs where exhibited. We can confidently recommend them as a No. 1 to whom want a first class potato; and they will find the recommendation, on trial, fully sustained.

The Early York—We are also selling a choice variety of the above name, which we believe to be the best of all the merit of an early potato.

Both varieties will be found in the hands of the following Agents, for as early the barrel or small quantities, during the planting season. Every farmer who raises them will more than pay seed, and will afterwards raise no other.

Agents.

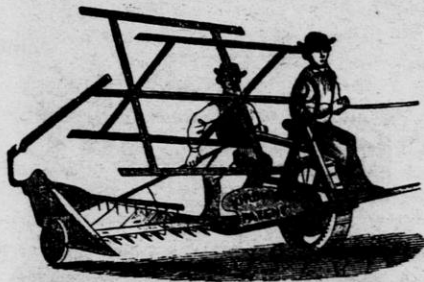
J. W. CLUT, Milwaukee.  
L. POWERS, Madison.  
E. B. BARROWS, Janesville.  
M. H. L. WALKER, Illinois.  
WILLIAM HUGHES, Kenosha.  
R. O'CONNOR & CO., McGregor, Iowa.  
WILFRED & STORY, Chicago.

SHOECRAFT & CO.,  
Sturgis, Michigan.



# THE BEST MACHINE IN THE WORLD.

## KIRBY'S AMERICAN HARVESTER!



### THE MOST VALUABLE IMPLEMENT FOR THE FARMER!

"Contains the Most Valuable Improvement of  
any Harvester in Use."

WE have the pleasure of offering Farmers the Improved Kirby's American Harvester for 1860, which now stands unrivaled for facility of operation, lightness of draft, adaptation to uneven surfaces, strength, simplicity and durability; and is pronounced by all who have tested the various machines in use, to be the most complete combined Reaper and Mower "either newly invented or an improvement on any now in use."

We would call the attention of Farmers to the following facts:

That—This is the most perfect Combined Mower and Reaper in use; better than any single mower as a mower, and better than any single reaper as a reaper.

That—It is the strongest and the lightest; being made entirely of iron, except pole, seat and platform. The finger-board is of wrought angle iron, of great strength and lightness.

That—It has a Revolving Trac-Cleaver, which is the only trac cleaver that will thoroughly separate the cut from the uncut grass, and without leaving the cut grass in bunches.

That—It requires one-third less draft than any other machine.

That—No pressure is made upon the horses' necks, and no side draft.

That—Its ability to work on rough ground is not equalled by any machine yet produced. The finger-bar working up and down, independent of the driving-wheel, enables the machine to go through dead furrows and ditches, among stones and bogs, over knolls and gopher hills, where no other machine could follow it. It will work from 2 to 18 inches high.

That—It can be used in mowing either with or without the reel.

That—In both mowing and reaping, the positions of the driver and raker are the most convenient and easy, enabling them to do their labor with but little exertion.

That—While the machine is in motion the driver can, by means of a lever, throw the cutters out and in, gear, and by another lever he can raise and lower the finger-bar to pass obstruction, or move from field to field.

That—It is easily managed, marvelously simple, well built, compact, not liable to get out of order, made of the best materials, Babbitt metal boxes, and is furnished with double trees, neck-yoke, and extras complete.

### First Premiums at State Fairs and Trials as the

#### BEST REAPER AND MOWER COMBINED!

At the last New York State Fair it was the only Harvester that received a Premium among some forty machines on exhibition. The Judges awarded it a Silver Medal and Diploma, as "the most valuable Machine or Implement for the Farmer or the newly invented or an improvement on any now in use." They say in their report: "We find the improvements put upon this machine since the last State Fair are of such a character as to justify entirely the

this award; and the exceeding simplicity and great strength of the machine must commend it to the farming community."

At the Wisconsin State Fair last fall, it attracted especial attention, and after a very careful inspection by the Committee, was honored with three Diplomas—as a Mower, a Combined Reaper and Mower, and for the one horse Harvester.

At the Michigan State Fair, last fall, it received the first Premium as the Best Combined Reaper and Mower.

At the Tennessee State Fair, last fall, it received the first Premium as the Best Combined Reaper and Mower.

At the Tennessee State Trial, last summer, it received the first Premium as the Best Combined Reaper and Mower.

At the last Indiana State Trial, it received the first Premium as the Best Combined Reaper and Mower.

At the Indiana State Fair, in 1858, it received the first Premium as the Best Combined Reaper and Mower.

All premiums on machines as Mowers only, or Reapers only, do not recommend to farmers what they want, viz:

#### THE BEST COMBINED REAPING AND MOWING MACHINE.

The factory price of the Improved Harvester for 1860, is \$140. For Mower, \$120. For Little Buffalo Harvester, \$110; for Mower, \$90.

For further particulars address

L. J. BUSH, General Agent,  
Milwaukee, Wisconsin

The Harvesters are sold by the following Agents in Wisconsin:—

H. O. GREEN.....	Milwaukee.
JOHN GRAHAM.....	Delafield.
JESSE MILES.....	Janesville.
CONRICK & TOPPING.....	Delavan.
F. E. SHANDREW.....	Watertown.
JAMES ACKERMAN.....	Beaver Dam
TAGGART & BROS.....	Ripon.
ELIAS PERKINS.....	Fond du Lac
S. BARTLETT.....	Oshkosh.
W. S. NEWTON.....	Spa Sta
N. F. CONE.....	La Crosse
FRENCH & CO.....	Eau Claire.
D. C. GASKILL.....	Kenosha.

[xlii 7 8]

### Long Orange Carrot,

ACKNOWLEDGED BY ALL CULTIVATORS TO BE the most valuable root crop now in cultivation.

We have a limited supply of seed, raised from the finest stock in the world.

Price per pound \$1.00, or at reduced rates in large quantities.

#### ALSO

Large White Sugar Beet, per packet,	50 cts.
Long Red Mangel Wurtzel, " "	50 "
Yellow Globe Wurtzel, " "	50 "
Long Blood Beet, " "	75 "
Long Smooth Blood Beet, " "	75 "
Premium Flat Dutch Cabbage, per packet,	\$2 50
Extra Fine Large Drumhead Cabbage, per pkt,	2 50
True White Spined Cucumber, per packet	75 c's.
Improved Dwarf Okra, " "	75 "
Large Red and Yellow Onion, each per packet	\$1 00
Large White Onion, per packet	1 50
Turnips, Long White French and 20 other sorts,	
each per packet	75 "
Dio corea Batatas (Tuber) or Chinese Potatoes, 25 c's per dozen; \$1.50 per 10; \$10 per 1000.	

Send for our Catalogues

J. M. THORBURN & CO.,  
15 John St., New York.

[xlii 7 1]

### Parsons & Co., FLUSHING, NEAR NEW YORK,

Invite attention to their Stock of

#### TREES AND PLANTS.

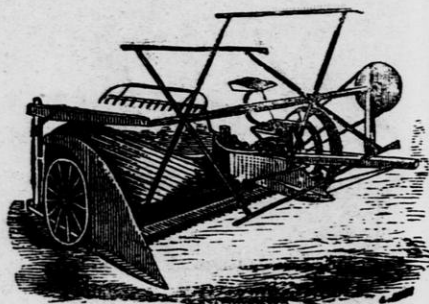
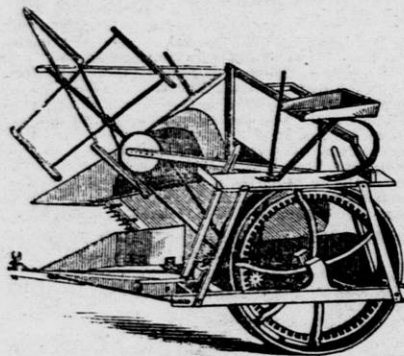
We are large growers of small Evergreens, and can offer Norway Spruce, transplanted, at fifteen Dollars per thousand, and other stock at low rates.

Our collection of

Greenhouse and Stove Plants, Orchids,  
&c., &c.

is very large and choice.

Great care is given to packing for transportation, and catalogues will be forwarded on application. [xlii vi li]



## HAND AND SELF-RAKERS.

**TWO HORSE REAPERS.**

**COMBINED MACHINES.**—As all our Reapers are combined machines, they are more readily changed from reapers to mowers than those having mowing attachments.

## TWO MOTIONS TO SEYMOUR & MORGAN'S REAPERS.

Seymour & Morgan have a patent for using two pinkies of different sizes thus giving a higher motion for mowing than is necessary for reaping, thereby preventing clogging in heavy grass.

# IMPROVEMENTS FOR 1860.

While our reapers for 1859 worked admirably and gave good satisfaction, the improvement for 1860 is greater than that made in any previous year. The machine is perfect in all its details, and without impairing its durability or strength, the weight has been diminished some two hundred pounds, making it now the easiest draft as well as the best working reaper in use.

## WARRANTY.

We not only warrant our machine to be well made, of good materials, and durable, and to work as represented, but we guarantee the principle of its construction to be perfect, and should it fail to work or should it break in consequence of such imperfection, we will make the machine good free, and remunerate the farmer for his loss of time occasioned thereby. We also not only warrant every part of our reaper, including the rake in self-raker, but we also warrant the mower, and should the machine fail either as reaper or mower, we are willing to refund all moneys, and return all notes received for such machine.

**A G E N T S.**

**HALVER HALVERSON, Leeds, Columbia Co.**

H. C. SNOW, Avoca Depot.

**JOHN McKENZIE, West Blue Mounds.**

WM. P. STRONG, Lowville.

ANDREW HANSEN, Burke.

JACOB JACKSON, Cambria.

CLARENDON ROYES, Hampden.

A. G. DARWIN, Delivering Agent, at M. & M. R. R. depot, Madison.

DONALD McDONALD, Verona.

DICKINSON & WILLARD, Bridgeport Depot.

J. B. STICKNEY, Mazomanie Depot.

S. P. ELWELL, Salem, La Crosse Co.

WALTER, BROWN & Co., LaCrosse.

**TERMS.**

*Four Horse combined Self-Raking Reaper and Mowers, in Milwaukee, ..... \$175*

<i>Two Horse</i>	"	"	"	"	.....	170
------------------	---	---	---	---	-------	-----

Four Horse	"	Hand-Raking	"	.....	170
				.....	155

Two Horse	"	"	"	"	.....	139
					.....	145

.....	145
Single Reaper, .....	120

N. B.—The above prices include more extras than go with any other Reaper, besides a complete set of whiffletrees, adapted expressly for use on the Reapers.

The subscriber can also supply those desiring the new PALMER & SEYMOUR CRANK BEAPER.

Those wishing testtime:als or any information respecting Seymour & Morgan's Reapers will please address

XII YU

**S. L. SHELDON, Madison, General Agent for Wisconsin.**

**Fruits for the Million.**



**ARE MORE** easily raised from trees, shrubs, vines, and plants of Wisconsin growth, which may be had in variety at

**'76 NURSERIES,**  
**MADISON, Wis.**

Special attention is called to the following First Class Stock and Low Prices:  
10,000 three year old apple trees, two years grafted on whole seedling roots, of remarkably fine growth, embracing most of the leading varieties. And ten sorts of great vigor, hardiness productive, and good

quality, which have proved well adapted to the North-West.  
Price per 100, \$12; per 1,000, \$140.  
1,000 Grape vines of the following approved sorts: Delaware and Logan, each \$2@33; Concord, Diana, Hartford Prolific, Rebecca, Elsingburgh, N. Muscadine, \$1; Isabella, Catawba, Clinton, Vermont, 35c—per doz. \$3.  
50,000 Strawberry Plants of choice, well tried sorts—Wills' Albany, Hooker, per doz., 50c; per 100, \$2. Early Scarlet and other standard sorts for field culture, per 100, 50c; per 1,000, \$3.  
5,000 Currants, Red and White Dutch, 2 to 4 years—per doz., 50c; per 100, \$3.  
10,000 Raspberries, Red and Yellow Antwerp—per doz., \$1; per 100, \$5.  
5,000 Gooseberries, Houghton's (best) large bearing plants—per doz., \$2; per 100, \$12.  
5,000 P. & S. Plants of many standard sorts and variety—per doz., \$2; per 100, \$12.  
In addition to which we have a select assortment of CHOICE APPLE TREES, from 4 to 6 years' growth, and a large amount of Evergreens, Fruit and Ornamental Shrubs and Plants, specimens of which can be seen at the

**Madison Greenhouse,**  
By JOHN BUDD, who is Agent for the sale of the above stock, and will fill orders sent to us for Greenhouse and Bedding Plants of all descriptions.

We would call especial attention to our stock of fine, hardy Apple Trees, price \$100 per 1,000—just the size for convenient transportation, safe setting, and vigorous growing, and to which we can give an uncommon amount of GOOD ROOTS, samples of which can be seen at the "Farmer Office" and State Agricultural Rooms. [See cut.]  
50,000 Hedge Plants of Honey Locust (*Gleditsia triacanthus*) one year—per 100, \$1.50; per 1,000, \$10. For those who want an impenetrable and durable hedge, being perfectly hardy, of rapid growth, and never sprouts. Also, 15,000 Timber Locust (yellow) one year—per 100, \$1; per 1,000, \$5.

Orders from a distance will receive special attention in selection, packing, and delivery to the place of shipping.—Additional charge only to cover the cost of packing.  
City orders will be delivered free of charge. Inquiries will receive prompt attention directed to

**J. C. PLUMB & Co.,**  
'76 Nurseries, Madison, Wis.  
T. D. PLUMB, Agent, Wis. Farmer Office. xil 4

**UNDERGROUND**

OR

**MOLE DRAINER.**

For Reclaiming Swamp, Low, or Clay Lands.  
For Underdraining Orchards, or Producing Stock Water.

THE undersigned is prepared to dispose of territory, in Farm or Town rights, and to furnish machines or fill orders for jobs of ditching on short notice.—For information, address

**E. W. SKINNER,**  
Ag't of the Wis. Land Draining Company.  
**MADISON, WIS.**

**EVERGREENS**

— AT THE —

**'76 Nurseries, Madison, Wis.**

**THE Proprietors having bought the** entire interest of O. S. WILLEY, in the Ornamental Department of the Rock County Nurseries, embracing over 100,000 Choice Evergreens, which in addition to our old stock, we now offer at WHOLESALE AND RETAIL, at the following prices:

**NORWAY SPRUCE**—Stocky, four times transplanted, one to two feet, 50c each, \$35 per 100.  
**NORWAY SPRUCE**—8 to 12 inches, stocky, 25c each, \$20 per 100.  
**BALSAM FIR**—One to two feet, stocky, 50c each, \$35 per 100.  
**BALSAM FIR**—6 to 10 inches, stocky, 25c each, \$20 per 100.  
**RED CEDAR**—One to two feet, stocky, well rooted, 50c each.  
**RED CEDAR**—8 to 12 inches, stocky, 25c each, \$20 per 100.  
**ARBORVITAE**—8 to 12 inches, stocky, 25c each, \$30 per 100.  
**WHITE PINE**—8 to 12 inches, stocky, 25c ex b, \$20 per 100.  
**WHITE PINE**—2 to 4 feet, stocky, 1@2 dollars.  
Extra sizes of Balsam Fir, Arborvitae, and Red Cedar 1@2 dollars each.

Small sizes of the same, from the forest in good order, 25 dollars per 1000.

Ornamental Plants and Shrubs, Greenhouse and Bedding Plants, Hardy Fruit, Shrubs, and Choice Trees in large quantities, variety and size, at reasonable prices for cash or satisfactory reference on short time.

Specimens for sale at the Madison Greenhouse, and at our salesroom adjoining, or at the Nursery.

**J. C. PLUMB & CO.**  
T. D. PLUMB, Agent, Wisconsin Farmer Office.  
Madison, April 1st, 1860. [xii vii tr]

**J. A. Carpenter & Co.,**

**FINE STOCK BREEDERS.**

**HAVE for Sale Devon Cattle, South** Down Sheep, Essex and Suffolk Hogs, Dorkins Fowls, &c.  
South Pass, Union Co. Ill. x i i f

**S. H. Donnel, Architect**

**OPPOSITE WRIGHT & PAINE'S DRUG STORE, KING ST., MADISON.**

**DEALER in Sash, Doors, and Blinds.**

East Primed and Glazed, Glass, Putty, Stained and Ground Glass, Paints and Oils, Newsels and Ballasters, Plac Mouldings for inside finish, Water Lime, Rosencalc Cement, Plaster Paris, Marble Dust, Hot Air Furnaces, Registers, Ranges, Ventilators, Marbleized Iron, Marble and Slate Mantels and Grates, Iron Window Caps and Sills, Verandas, Fences, Store Fronts, Columns, Brackets and Sash Weights, Terra Cotta Ornaments such as Chimney Tops, Vases, Flower Pots, &c., Encaustic Tile for floors, and in fact anything wanted in the house furnishing line. Those wishing anything in this line will find it to their interest to call.

x i v i f

**Milwaukee Mutual FIRE INSURANCE COMPANY!**

**CAPITAL, \$100,000.**

**OFFICE, NOS. 3 & 4, MARTIN'S BLOCK, MILWAUKEE, - - - - - WISCONSIN.**

**The Oldest Company in the State!**

**As only isolated dwellings and barns,** with their contents, are insured, (no risks being taken on stores, taverns, mills, shops, &c.) Farmers are presented with an unusually safe and cheap means of insurance.

**DIRECTORS:**  
**S. S. DAGGETT, A. GREULICH, J. H. VAN DYKE,**  
**E. CRAMER, E. D. HOLTON, H. FEES, Jr.,**  
**H. L. PALMER, G. BAREY, J. B. MARTIN,**

**P. B. HILL, Secretary, S. S. DAGGETT, President.**  
**J. B. MARTIN, Vice Pres't. M. L. SKINNER, Office Ag't.**  
Those desiring insurance on conferring with any authorized Agent in their vicinity, if any, or by writing to the office agent, giving a description of the property insured, will meet with prompt attention.  
May, 1867. x



## SMALL FRUITS.

### Strawberries.

**Over One Hundred Varieties**, embracing nearly all the native and foreign kinds of any repute.

### Wilson's Albany Seedling,

The largest stock, to forward anywhere.

### Raspberries.

Brinckle's Orange, Red and Yellow Antwerp, Knevett's Giant, River's Large Fruited Monthly, Fazio & Co

### Blackberries.

New Rochelle, Dorchester, and Newman's Thornless.

All of the best quality, and offered on the most reasonable terms.

We have given the cultivation of Small Fruits particular attention, and, regardless of expense, have procured every thing of the kind, rare and valuable, that has come before the public.

Great pains have been taken, not only to procure the varieties true to name, but to preserve them so. Much care is necessary to prevent the admixture of some of these fruits. But as our grounds are extensive, and we have confined our attention principally to the small fruits, and given the matter our personal supervision, we are prepared to warrant the varieties sent out as correct.

As our stock is large, wholesale purchasers and dealers will be allowed a very liberal discount.

J. KNOX,

Box 478, Pittsburgh, Pa.

[xii vi ii]

## Plant the Hardy Varieties of the Apple.

Trees grown at Home are the Best.

The Proprietor of the AZTALAN NURSERIES offers to the public

### 20 VARIETIES OF THE APPLE,

Which thirteen years of experimenting with over two hundred varieties, has proved to be well adapted to the climate and soil of Wisconsin.

Good trees, five to six years from the graft, five to eight feet, \$1.6 per hundred.

Three-year trees, the largest, and four years medium size, four and a half to seven feet, \$1.2 per hundred, including packing and cartage to railroad.

Delaware and Logan Grapes at \$2 each, \$18 per dozen. Diana and Concord Grapes at 75 cents each, \$7.50 per dozen.

Orders for the Grapes should be sent early, accompanied by cash or draft for payment.

Orders for Trees should be accompanied with draft or good reference.

Also Peas and Cherry Trees, Ornamental Trees, Roses, Flowering Plants, &c., &c.

Send one postage stamp for Catalogue.

J. C. BRAYTON, Proprietor.

Aztalan, Jeff. Co., Wis., March, 1860.

[xii vi ii]

## New Flower Seeds for 1860.

**BARNES & WASHBURN'S** Priced Catalogue OF FLOWER SEEDS, containing all the novelties of the season, is now ready, being the most complete and comprehensive of any ever sent out in this country.

Being aware of the embarrassment experienced by amateurs in making selections from the Catalogue as heretofore sent out by seedsmen, we have, in addition to our general descriptive list of about 60 varieties in tabular form, prepared a special list of upwards of 200 of the new and most popular sorts, giving a detailed description of each, and explicit directions for their cultivation.

Also hints, advice, and directions for the cultivation of flowers in general.

All those about to purchase flower seeds, will find it to their interest to first consult this catalogue.

Flower Seeds forwarded by mail to any part of the United States, post paid.

Catalogues forwarded, post paid, on the receipt of a three cent postage stamp to all applicants.

Address:

BARNES & WASHBURN,

Seedsmen and Florists,

[xii vi ii]

Harrison Square, (near Boston,) Mass.

## Seeds and Plants.

**THOS. HISLOP, Seedsman and Florist** to the Wisconsin State Agricultural Society, begs to inform his customers and the public that he is now receiving an unusually large importation from Europe of all kinds of

**FARM, GARDEN & FLOWER SEEDS,** the latter comprising several hundred varieties of all the best and newest kinds.

**PRICES MODERATE. WHOLESALE AND RETAIL.**

T. H. has also on hand a large stock of **GREENHOUSE and BEDDING PLANTS**, such as

Roses, Verbenas, Dahlias, Geraniums, Fuchsias, Heliotropes, &c.,

The variety of each being extensive and rare, containing the latest European varieties.

209 East Water St., Milwaukee.

(Established 185-.)

[xii vi ii]

## Sheep Wanted,

In exchange for an Improved or Unimproved Farm.

The Undersigned offers the choice of five farms, two of which are improved—four in Butler county, in good settlements, near schools, post offices, and railroad route, 160 to 320 acres. One in Alameda county, 12 miles from Lansing, on the Mississippi River, 240 acres. One of 420 acres in Crawford county, Mission, on the route of the L. W. Pac. R.R. Railroad, five miles from depot, one mile from court house and seminary, 20 acres improved, two log houses and spring.

Address the undersigned, giving description of flock, as to quality, &c.

G. SPRAGUE,

Island Grove P. O., Butler Co., Iowa.

February 28th, 1860.

[xii vi ii]

## Fruit Trees,

**FOR ORCHARDS AND FRUIT GARDENS**

Consisting of the **HARDEST and BEST varieties of Western Culture**, are now offered for sale by the Subscriber.

Our assortment is very complete and unusually well grown. Wood well ripened, and have wintered well.

**Ornamental Trees**, Evergreens, Shrubs, &c., &c. of carefully selected and hardy sorts.

Selections for the Orchard and Garden embracing a suitable proportion of each season, so as to afford a regular succession of the fine fruit, will be made when desired.

A new Descriptive Priced Catalogue is now ready, and will be sent to all applicants enclosing a stamp.

A. G. HANFORD,

xii 58]

Woodside Nurseries, Waukegan, Wis.

## Hardy Cherries for Western Culture

**EARLY Richmond, Large English Morello** and several other sorts of Cherries, which are firmly succeeded in the West.

A. G. HANFORD,

xii v 3]

Woodside Nurseries, Waukegan, Wis.

## Lawton Blackberry Plants.

**THE ORIGINAL VARIETY**, unmixed with the common New Rochelle or seedlings of any kind, found to be permanent, hardy and prolific in all climates. For sale, in safe packages, in lots to suit purchasers.

WM. LAWTON, New Rochelle, N. Y.

Circulars free.

[xii 58]

## Seedling Apple Trees.

**SEVERAL** thousand thrifty Seedling Apple Trees, five to eight feet high; very cheap.

A. G. HANFORD,

xii v 3]

Woodside Nurseries, Waukegan, Wis.

## NANSEMOND SWEET POTATO PLANTS,

for northern planting—a superior article, packed to go long distance, \$4.00 \$1; 1,000 \$2; 5,000 \$9; 10,000 \$15—during May and June.

Send a stamp for circulars.

O. B. MURRAY,

(Late O. S. MURRAY & SON),

[xii vi i]

Foster's Crossings, Warren Co., Ohio.

## FACTS FOR THE PUBLIC.

Truth is Mighty and will Prevail!

Office of R. S. Rickey's Broadcast Seed Sower,  
Canton, Missouri.

D. H. Furbish, claiming to be proprietor of Charles W. Cahoon's Patent for sowing seed broadcast, has cautioned all persons against making, selling or using R. S. Rickey's machine, or Rickey's improvement on R. S. Rickey's machine, knowing the life of his own machine, he has attempted to injure the sale of ours, and claims that Rickey's Patent is an infringement of the Cahoon Patent.

Such is not the fact. No court has ever so decided. Nor has Mr. Furbish dared to test it by using us. The suit he brought against R. S. Rickey is not yet finally decided, and even the inferior court only sustained one out of three of his allegations of infringement in that case.

The Rickey Machine is known throughout the United States as the best Broadcast Seed Sower, and yet Mr. Furbish, instead of suing us, has disreputably published in a card what he cannot establish by proof.

We invite him to test it, and assure the people that they need not be alarmed, that we are responsible and will make good and secure every contract entered into with us.

W. P. & R. S. RICKEY.

Canton, Mo., April 24, 1860.

Below we annex the opinion of Hon. James S. Green, United States Senator from the State of Missouri:

Canton, Mo., Nov. 8th, 1859.

At the request of Mr. R. S. Rickey, I have examined his Letters Patent for his Broad Cast Seed Sower, and carefully contrasted his machine with one of Cahoon's Patent, of which Mr. D. H. Furbish claims to be proprietor. I have also examined the report of the case against Aaron King for alleged infringement of Cahoon's Patent, and from consideration of which I give it as my opinion that R. S. Rickey's Patent does not infringe Cahoon's, and that no court can restrain or interfere with him in making, using, and selling his machines.

Given on the day aforesaid.

JAMES S. GREEN.

### Certificate of M. P. Caldwell.

La Crosse Valley, Oct. 4th, 1859.

I have used one of R. S. Rickey's Broad Cast Seed Sowers this fall in sowing my wheat and grass seed, and do pronounce it the best machine in use. I attended the State Fair and saw no machine that could compare with it in any respect. My grain and grass seed is as even as it could be. I would rather have one bushel of grain sown to the acre with the machine than one and five-eighths sown by hand. I would not be without one if they were double the price. It is all that the stenographer recommends it to be, and will pay for itself in one season.

M. P. CALDWELL.

The Machine weighs but five pounds, will sow wheat 20 feet further at a cost than any other machine, besides more evenly. All we have to say in reference to that fact is to refer to those who have used our machines and Cahoon's, and let them decide it.

State and County Rights for sale on good terms. Apply to  
R. S. & W. P. RICKEY,  
Canton, Mo.

### Cahoon's Patent Broadcast Sower,

THE CHEAPEST AGRICULTURAL MACHINE IN THE WORLD for the work it does, and the labor it saves. Sows all kinds of Grain, Grass Seed, Pasture, Linseed, Guano, &c. *Broad Machine* sows from four to six acres per hour; *Horse Power Machine* from ten to fifteen—doing the work in the most perfect manner.

For sale by  
GEORGE CARLSON,  
Madison, Wis.

### CAUTION!

Office of Cahoon's Patent Broadcast Sower,  
Portland, Maine.

In a suit at law and equity in the United States Court, against A. R. King for infringement of the Cahoon Patent, the jury having given a verdict against the said King, all persons are hereby cautioned against making, selling or using the Ring machine, or R. S. Rickey's improvement on the Ring machine, (as the lines called Rickey's machine, or Young's machine), as the subscriber will hold all such infringers accountable. [xli vi 8] D. H. FARBISH, P. proprietor.

## Nansemond Sweet Potatoe Plants FOR SALE!

THE SUBSCRIBER will have a large quantity of Sweet Potato Plants for sale from the 1st of May until the 20th of June.

Printed directions for their cultivation and successfully keeping them as fresh and good for the table as when dug until May; also, for producing the plants in the Spring, will be sent with every package, if required. The plants are as hardy as a Canada thistle, and will keep good a week; can be sent in safety a thousand miles. They were sent last year and did well in several parts of Minnesota, Iowa, and Canada West, and as far north as Green Bay, Wis., and Vermont.

The Subscriber has greatly increased his facilities for producing the plants, and confidently expects to be able to fill all orders. They will be securely packed in moss; and will reach any point with a two hundred miles the same day they are shipped.

Sent by express to all points, at the following prices: Three hundred for one dollar; seven hundred for two dollars; eleven hundred for three dollars; two thousand for five dollars.

All orders for plants must be accompanied with cash, and if mailed direct and the money enclosed in the presence of a Post Master, will come at my risk, as the detective police will be in my employ.

Purchasers of plants can send me a three cent stamp and in return eat a small package of the Hubbard Squash Seed free of charge. Address,  
S. P. TRUESDELL,

Lamont, Cook Co., Illinois.

Residence and grounds in the village of Athens, a few rods east of the Depot and Post Office.  
Athens, April 3, 1860.

[xlii 7 1]

## Evergreen, Tree and Shrub Seeds.

NORWAY SPRUCE, per packet,	\$0 75
Balsam Fir, " "	3 00
Black Austrian Fir, " "	3 00
Combra Pine, " "	2 00
Stone Pine, " "	1 50
Weymouth Pine, " "	3 00
Pitch Pine, " "	3 00
French Fir, " "	1 50
Chinese Arbor Vitae, " "	3 00
American Bald Cypress per quart,	30
Strawberry Tree (Arbutus Uuedo) per doz.	95
Buckhorn Seed, per packet,	1 00
Osage Orange, per quart,	75
Honey Locust for Hedges, per packet,	75
Yellow Locust for timber,	75

Send for our Catalogues.

M. THOBURN & CO.,

15 John St., New York.

[xlii vii 1]

## LEWIS BLAKE,

JOBBER AND RETAILER OF

## MILLINERY & FANCY GOODS,

EMBROIDERIES, LACES,

ALEXANDERS' KID GLOVES,

Dress Trimmings, Straw & Silk Hats,

&c., &c., &c.

NO. 23, WISCONSIN STREET,

MILWAUKEE, - - - - - WISCONSIN.

WALDO J. ELMORE,

IMPORTER AND DEALER IN

China, Glass and Earthen Ware,

House Furnishing Wares,

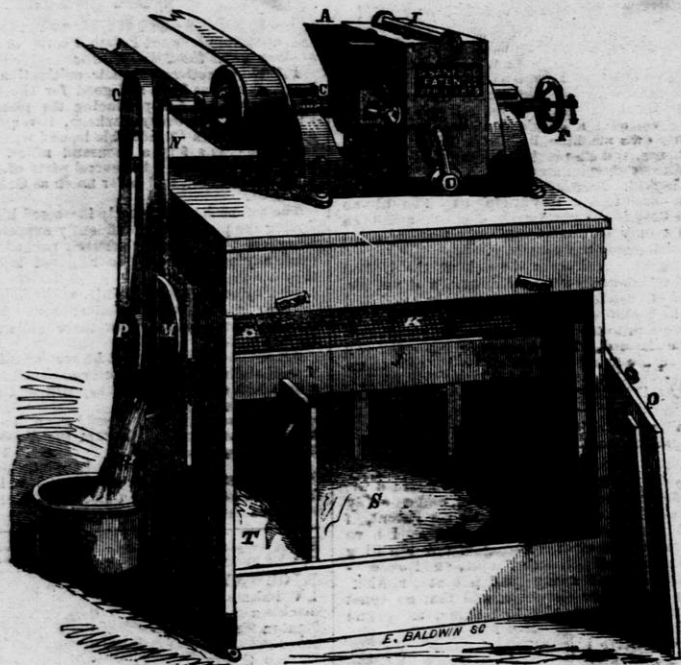
LAMPS, AND CORNELIUS' GAS FIXTURES,

And Manufacturer of Looking Glasses.

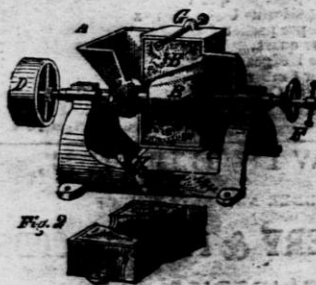
No. 163 East Water-St., Milwaukee.

xlii viii

# EXCELSIOR MILL, FOR FARMERS AND MILLERS.



**P. L. CARMAN & Co. Madison, Sole Agents for Wisconsin.**



THIS MILL, invented by Mr. G. Sanford, is now on exhibition, and for sale at the Agency above; and though it has been patented but a few months, has gained a wide and enviable reputation as a Flouring, Corn and Feed Mill. It is also adapted to grind dried fruit, spices, coffee, plaster of paris, whiting, soap stone, white lead, salaratus, cream of tartar, etc., etc.

Persons wishing Mills for any of the above purposes, will do well to examine this before purchasing, as it has many advantages over those now in use.

The quality of the work performed by this Mill, and its great durability, (lasting a life time,) ought to commend it to those who have been so often deceived in purchasing from Mills.

**Middlings.**—No mill can be compared to the "Excelsior" for grinding middlings, and owners of mills would save the price of it in a few months by purchasing one for this kind of work; by which very experienced men it is pronounced superior to the ordinary flat stone mill, for general milling purposes, as it will do an equal amount of work, equally well, with one-third less power; and is much more easily handled and kept in good working order.

**Meal,** for ordinary domestic purposes, can be ground with this mill, in great perfection, and very rapidly, as also the coarser grades for feed.

**Feed.**—As a feed mill we will urge comparison with any in use, both as to quality and quantity of the work. The advantages of the construction of the coarse grinder and divided shell herein described, are that the mill grinds the best flour or the coarsest feed by a turn of the adjusting screw; that it breaks the meal less than the flat stone mill; that it can be taken apart and dressed by any person of ordinary intelligence; that it can be operated with less power than any other mill of equal capacity; that it is more compact, simple, and less liable to get out of order than any other mill now before the public—advantages that will be appreciated by all who have used mills that are complicated in construction, and that require the attendance of a practical and experienced miller or millwright to put them in order.

From actual experiment, we are prepared to say, that with one horse three bushels of fine Indian meal per hour can be ground from the hardest corn, which is equal to the work of a four and a half feet flat stone mill, under an eight feet head of water, on a horizontal wheel. Two horses, with Sanford's new patented "Anti-friction Horse Power," will grind with this mill five bushels meal the hour.

The mill can be run up to one thousand revolutions per minute, which is the most economical rate of speed for our mill, grinding from five to seven bushels fine meal the hour, and of feed eight to fourteen bushels, according to fineness. Four to five horse steam power will drive the small mill to its utmost capacity, and six to seven is sufficient to run our large flouring mill to the greatest speed required.

From fifteen hundred to three thousand bushels of corn can be ground with the mill's as we deliver them, without dressing them, after which any intelligent man can put in the same dressing in a few hours, by using a sharp sick.

The farm mill is 36 inches long, 18 wide and 18 high, and weighs 300 pounds. The box containing the bolts is three feet square.

Persons ordering mills should state the kind of work they wish them to perform, and if more than one kind, which will be the principal grain ground. It is also very important that we should know the kind of power to be employed in driving them, that we may send a mill perfectly adapted to the power and work.

**The Prices are as follows:**—Corn Meal Feed Mill, \$105; Flouring Mill, same as above, without Bolt, \$105; Flouring Mill with improved Bolt, \$140; Flouring Mill with Millstone Bolt, \$150; Large 32: Flouring Mill, without Bolt, \$170.

Our terms a CASH on delivery in this city. Letters requiring further information, addressed to the undersigned will meet prompt attention.

**P. L. CARMAN & Co., Madison, Wis.,**  
Near the Milwaukee & Mississippi R. R. Depot.



*E. M. Williamson*  
57

# WISCONSIN FARMER



VOL. 12. MADISON, JUNE 1, 1860. NO. 8.

**The Wisconsin Farmer,**  
A MONTHLY JOURNAL,  
Devoted to Agriculture, Horticulture, &c  
PUBLISHED BY D. J. POWERS & Co.

**TERMS OF SUBSCRIPTION.**  
Single Copies, \$1 per year—Seven Copies, \$6  
—Ten Copies, \$8—Fifteen Copies, \$12—  
Twenty Copies, \$15, and one to the Agent.

**RATES OF ADVERTISING IN THE FARMER.**

NO. INSERTIONS	1	2	3	4	5	6	7	8	9	10	11	12
1 line or 1 sq <sup>r</sup>	82	8	4	4	5	6	7	8	9	10	11	12
2 "	34	6	6	10	12	14	16	17	18	20	21	22
3 "	5	8	11	14	17	20	22	25	27	30	32	35
4 page or 4 "	7	10	13	16	19	22	25	28	31	34	37	40
5 "	7	12	15	19	22	26	29	32	35	38	42	45
6 "	8	12	17	21	25	29	33	37	41	45	49	52
7 "	9	14	19	24	29	34	38	43	47	52	56	60
8 page or 8 "	10	16	22	28	34	40	46	52	58	65	70	75
9 page, 1 page,	15	25	35	44	52	60	68	76	83	92	99	106
10 "	20	30	40	50	60	70	80	90	98	107	116	125

**EVERGREENS**  
—AT THE—  
**76 Nurseries, Madison, Wis.**  
THE Proprietors having bought the entire interest of O. S. WILLEY, in the Ornamental Department of the Rock County Nurseries, embracing over 100,000 Choice Evergreens, which in addition to our old stock, we now offer at WHOLESALE AND RETAIL, at the following prices:  
**NORWAY SPRUCE**—Stocky, four times transplanted, one to two feet, 50c each, \$25 per 100.  
**NORWAY SPRUCE**—5 to 12 inches, stocky, 25c each, \$20 per 100.  
**BALSA FIR**—One to two feet, stocky, 50c each, \$25 per 100.  
**BALSA FIR**—6 to 10 inches, stocky, 25c each, \$20 per 100.  
**RED CEDAR**—One to two feet, stocky, well rooted, 50c each.  
**RED CEDAR**—5 to 12 inches, stocky, 25c each, \$20 p 100.  
**ARBOVITAE**—8 to 12 inches, stocky, 25c each, \$20 p 100.  
**WHITE PINE**—8 to 12 inches, stocky, 25c ea-h, \$20 p 100.  
**WHITE PINE**—2 to 4 feet, stocky, 100 p 100.  
Extra sizes of Balsam Fir, Arborvitae, and Red Cedar @3 dollars each.  
Small sizes of the same, from the forest in good order, 25 dollars per 1000.  
Ornamental Plants and Shrubs, Greenhouse and Bedding plants, Hardy Fruit, Shrubs, and Choice Trees in large quantities, variety and size, at reasonable prices for cash or satisfactory reference on short time.  
Specimens for sale at the Madison Greenhouse, and at our glassroom adjoining, or at the Nursery.  
**J. C. PLUMB & CO.**  
T. D. PLUMB, Agent, Wisconsin Farmer Office.  
Madison, April 1st, 1860. [xlii vi f]

**RECOMMENDATION**  
To Farmers in Selecting the best Mower and Reaper.  
THE Committee on Agricultural Implements of the last New York State Fair, held at Albany say to farmers:  
"We think the improvements put upon this machine (KIRBY'S AMERICAN HARVESTER) since the last State Fair, justify entitle it to this award; ("THE MOST VALUABLE MACHINE OR IMPLEMENT FOR THE FARMER, EITHER NEWLY INVENTED OR AN IMPROVEMENT ON ANY NOW IN USE," and the exceeding strength and great simplicity of the machine, MUST COMMEND IT TO THE FARMING COMMUNITY." [xlii 7 8]

**Seeds and Plants.**  
**THOS. HINLOP, Seedsman and Florist** to the Wisconsin State Agricultural Society, begs to inform his customers and the public that he is now receiving an unusually large importation from Europe of all kinds of  
**FARM, GARDEN & FLOWER SEEDS,** the latter comprising several hundred varieties of all the best and newest kinds.  
**PRICES MODERATE. WHOLESALE AND RETAIL.**  
T. H. has also on hand a large stock of GREENHOUSE and BEDDING PLANTS, such as Pansies, Verbenas, Dahlias, Geraniums, Fuchsias, Heliotropes, &c.  
The variety of each being extensive, and rare, containing the latest European varieties.  
209 East Water St., Milwaukee. [xlii vii lii]  
(Established 1853.)

**Milwaukee Mutual FIRE INSURANCE COMPANY!**  
**CAPITAL, \$100,000.**  
**OFFICE, NOS. 3 & 4, MARTIN'S BLOCK, MILWAUKEE, . . . . . WISCONSIN.**  
**The Oldest Company in the State!**  
As only isolated dwellings and barns, with their contents, are insured, (no risks being taken on stores, taverns, mills, shops, &c.) Farmers are presented with an unequally safe and cheap means of insurance.  
**DIRECTORS:**  
S. S. DAGGETT, A. GREULICH, J. H. VAN DYKE,  
E. CRAMER, E. D. HOLTON, H. FESS, Jr.,  
H. L. PALMER, G. BARRY, J. B. MARTIN,  
P. B. HILL, Secretary. S. S. DAGGETT, President.  
J. B. MARTIN, Vice Pres't. M. L. SKINNER, Office Agt.  
Those desiring insurance on conferring with any authorized Agent in their vicinity, if any, or by writing to the office agent, giving a description of the property insured, will meet with prompt attention.  
May, 1867. 11

CONTENTS OF THIS NUMBER.

How Not to Do It.....	163
A word to Faint-Hearted Lovers of Fruit.....	164
The Chatsworth Fountain.....	164
Out of Place.....	165
Sheep in Saxony.....	165
Fond du Lac County.....	166
Cultivation of Flowers.....	166
Slaughter of Cattle in Massachusetts.....	166
Protection to Sheep and Stock.....	167
An Indiana Corn Crop.....	167
The Underground or Mole Drainer.....	168
The Cranberry.....	169
The Season in Great Britain.....	169
How to save the Melon Vines and produce good Melons.....	170
Chloroform for Horses.....	170
Corn Fodder for Stock Feeding.....	170

STOCK REGISTER.

Cattle Disease in Massachusetts.....	171
Castrating and Docking Lambs.....	172
Raising Colts.....	173
Best Age of Mares for Breeding.....	174
To remedy Sows Eating their Pigs.....	174
Another Remedy.....	174
Lampas in Horses.....	174
Exhibition in London in 1862.....	174

HORTICULTURAL.

Fruit Culture in Wisconsin.....	175
Fruit Prospects, Tree Pedlars, &c.....	175
Bark Louse or Scale Insect.....	176
“ a bounty for a Remedy.....	177
The Sap-Sucker Dissected and Described.....	178
Egypt vs. Wisconsin.....	178

EDITOR'S TABLE.

Away from Home.....	179
Fruit Prices.....	179
Real Estate.....	179
Dog Law.....	179
Sugar Cane Seed.....	179
Cook's Evaporators, Sugar Mills.....	180
Siberian White Rye.....	180
Fruit Trees.....	180
Fruit Prospects.....	180
The Premium List.....	180
Downer's Prolific Strawberry.....	180
The Atlantic Monthly.....	180
The Mutual Life Insurance Company of Wisconsin.....	180
The Wisconsin State Fair for 1860.....	181, 182
Official arrangements of Wis. State Fair.....	183, 184, 185
List of Premiums of Wis. State Fair, 186, 187, 188, 189, 190, 191, 192, 193, 194.	

ADVERTISEMENT NOTICES.

NOTICE.—All who wish to correspond with P. STEWART, relative to the *Genuine Northern Muscadine Grape*, and other new varieties of Fruit, will address him after the 15th of June, 1860, at West Gloucester, Cumberland County, Maine, Shaker Box. 8-2t

THE KIRBY AMERICAN HARVESTER.—Read carefully the new advertisements in this Number. Mr. Bush, the General Agent, promises to have the machine exhibited all over the State, so that the working may be seen. We believe it to be a cheap and good machine.—See table of Drafts.

THRESHING MACHINES WITH PITTS' IMPROVED PREMIUM SEPARATORS.—See advertisement of P. L. Carman & Co. It is needless to say that the machines they are offering are equal if not superior to anything else of the kind made or sold in the United States.—Those wanting machines in this portion of the

State can do no better than to buy of P. L. C. & Co. As to quality of machines, low prices, or terms of payment, they stand first and foremost in this section of country.

MENGES & BARTELS call attention to their immense stock of Dry Goods. This is a new firm, composed of well-known gentlemen of his city. It is a pleasure in these tight times, to have an opportunity to buy so large a quantity of goods with so little money, as you can do at their store. We advise our readers to call on them when in the city.

J. M. THORBURN & Co., advertise Flower and Carrot Seeds; also new Melon Seeds.

The *Easy Washer* is a good thing. A lady acquaintance has tried it and says it is the best Washing Machine she has ever seen.

Reapers and Agricultural Machinery to be Repaired the Coming Harvest.

THE MENDOTA FOUNDRY, in this city, is making due preparations to do all sorts of repairing for the coming harvest.

ALL THE PATTERNS ever made in Madison, are owned by this establishment, and will meet almost every case, and thus often save great expense.

OLD CASTINGS taken in exchange for work at fair prices.

COME EARLY, all who would be in season. In all such cases we can do work for about twenty five per cent. less than when hurried up at the last moment. Let the wise heed this, and profit by it.

All Kinds of Machinery Made and Repaired on Short Notice and at Fair Prices.

THE CELEBRATED MENDOTA SUGAR MILL is exclusively manufactured at this establishment for the State, and is warranted superior to any other mill in use. It operates easy, crushing fast and dry, and never breaks unless outrageously used.

For further particulars call at our establishment, or address us by letter.

D. J. POWERS,

Assignee of P. H. TURNER, Madison, Wis.

N. B.—This establishment can be bought at an excellent bargain, and is one of the best located shops in the State.

J. A. Carpenter & Co.,  
FINE STOCK BREEDERS.

HAVE for Sale Devon Cattle, South Down Sheep, Essex and Suffolk Hogs, Dorking Fowls, &c.  
South Pass, Union Co. Ill.

# FRESHING MACHINES.

## JOHN A. PITTS' IMPROVED PREMIUM SEPARATOR —A N D— DOUBLE PINION HORSE POWER.

MANUFACTURED AT BUFFALO, N. Y., BY JOHN A. PITTS, THE ORIGINAL INVENTOR AND PATENTEE.

THESE MACHINES ARE MADE FROM THE BEST SELECTED MATERIALS, HAVE all the late improvements, including some that others have not, are less liable to get out of repair, and are wanted to thresh more grain in a given time than any other thresher now in use.  
The machines for 1859 are materially improved over those of any previous year, and are sold and delivered here from \$25 to \$75 less than any other machine.  
Call and examine our machines before purchasing elsewhere. **TERMS** Terms of sale made easy.  
P. L. CARMAN & CO., Agents for John A. Pitts.  
Office and Warehouse near M. & M. R. R. Depot, Madison, Wis. xii-8

### Table of Draft of Machines at the Indiana State Trial, 1858, at which KIRBY'S HARVESTER took the FIRST PREMIUM on the best Combined Reaper and Mower:

NAME.	DRAFT.
Kirby's American Harvester, .....	170 lbs.
Altman & Millers's Machine, .....	225 "
L. Allen's Machine, .....	225 "
etchum's do .....	300 "
J. Mann & Sons, .....	250 "
F. Mann's Great Western, .....	275 "
ardner, Brokaw & Child's N. Y Combined, .....	250 "
terry's Machine, .....	275 "
ath's Eagle, do. ....	350 "
elitz & Dunham's do. ....	350 "
ugg's do. ....	325 "
ymour, Morgan & Allen's do. ....	338 "
iley's do. ....	350 "
McCormick's, do .....	350 "

xii-8

### THE EASY WASHER. A Triumphant Success.

INVENTORS BY HUNDREDS HAVE TRIED their hands at Washing Machines, which have failed to meet with favor, for the reason that women have not the strength to operate them. In perfecting the EASY Washer we have secured the best possible motion for extracting the dirt, with the best arrangement of the least amount of machinery, for ease of working. In short, it is a rapid, easy, cheap and durable Washer; no longer from iron rust, and so simple that any mechanic can make it. Patented October 18, 1859.  
J. D. THOMSON, Agent,  
Lowville, Wisconsin.  
xii-8,1t

### UNDERGROUND OR MOLE DRAINER.

For Reclaiming Swamp, Low, or Clay Lands.  
For Underdraining Orchards, or Producing Stock Water.  
THE undersigned is prepared to dispose of territory, in Farm or Town rights, and to furnish machines or all orders for jobs of ditching on short notice.—  
For information, address  
**E. W. SKINNER,**  
Ag't of the Wis. Land Draining Company.  
MADISON, WIS.  
xii

### Chicago and Northwestern Railway.

COMPLETED THROUGH TO OSHKOSH.  
Wisconsin, for Oshkosh, Green Bay, Fond du Lac, Horicon, Ripon, Berlin, Sparta, La Crosse, St. Paul, Prairie du Chien, Watertown, Madison, Janesville, Beloit, Freeport, Galena, Dunleith, Dubuque, &c., &c.  
ON AND AFTER MONDAY, APRIL 9th.

TRAINS LEAVE GOING NORTH.			
Chicago, .....	9.45 a. m.	4.00 p. m.	9.30 p. m.
Janesville, .....	6.45 a. m.	1.50 p. m.	
Arrive at Oshkosh, .....	7.00 a. m.	7.90 p. m.	
TRAINS LEAVE GOING SOUTH.			
Oshkosh, .....	9.30 a. m.	6.00 p. m.	
Janesville, .....	12.30 a. m.	7.15 a. m.	9.45 p. m.
Arrive at Chicago, making close connections with Trains for the East. xii-8 GEO. L. DUNLAP, Supt.			

### Childs' Engraving Rooms. 117 1/2 Randolph Street, Chicago, Ill.

DIES FOR MEDALS; POLICE, MILITARY, and Firemen's Badges; Metallic Letters; Notarial and other Seals and Presses; Stencil Marking Plates; Binders Stamps; Door Plates; Baggage Checks; Views of Buildings and Machinery; Wedding and Calling Cards; Drawings for the Patent Office. Address, xii-8-12  
CHILDS' & CO., P. O. Box 83.

### FLOWER SEEDS, BY MAIL!

OUR OWN SELECTION OF		
25 varieties for, .....	\$1 00	
50 " " .....	2 00	
100 " " .....	4 00	
Persons ordering either of the above assortments may rely upon a beautiful collection.		
J. M. THORBURN & CO., 15 John St., New York.		

[xii viii]

**Hosford & Seely,**  
Manufacturers and Dealers in all kinds of  
SASH, DOORS AND BLINDS.  
Orders from the country promptly attended to. Canal water power Second Ward, Milwaukee, Wis.  
J. W. HOSFORD. [xii viii] L. SEELEY.

FLOWER SEEDS  
BY MAIL!

FLOWER SEEDS  
BY MAIL!



# KIRBY'S AMERICAN HARVESTER.

[From the Toledo Blade.]

Although KIRBY'S AMERICAN HARVESTER is a comparatively new machine, during the three years it has been in operation it has been so successful that it may now be ranked among the best Reapers and Mowers in use.

It has undergone several improvements since first brought out, although as long ago as 1857, when in a comparatively rude state, (compared with its present appearance,) it was awarded the Second Premium at the National Trial of Reapers and Mowers, held under the auspices of the United States Agricultural Society, at Syracuse, N. Y., and also a *Diploma* for "cheapness and ingenious adaptation of cutter to uneven surfaces."

In 1858, at the State Trial of Reaper and Mowers, at Laporte, Ind., which was the next great trial of importance since the National Trial at Syracuse, it was awarded the First Premium as a Combined Reaper and Mower, and was said to be about 60 lbs. the lightest draft machine on the field. The Dynamometer showed the draft in cutting grass, to be only 170 lbs.

We are told that within the past two years the Kirby Machine has met and vanquished every machine of any reputation, in the country. But the best test of any machine is in its practical operation, and we therefore advise farmers, before purchasing any machine, to claim the privilege of working it, or seeing it work on his own ground. Almost all machines work well upon smooth, level fields. But a majority of farms in this section are uneven, and the fields crossed by dead furrows and ditches; it is therefore highly important to have a machine that can adapt itself to the surface over which it has to pass.

Another important consideration in selecting a Harvester, is to find one that is a perfect Combined Machine that will work equally well as a Mower and a Reaper. There are many good Single Mowers, and many good Single Reapers; but very few good Combined Reapers and Mowers. There seem to be many signal failures in this respect.

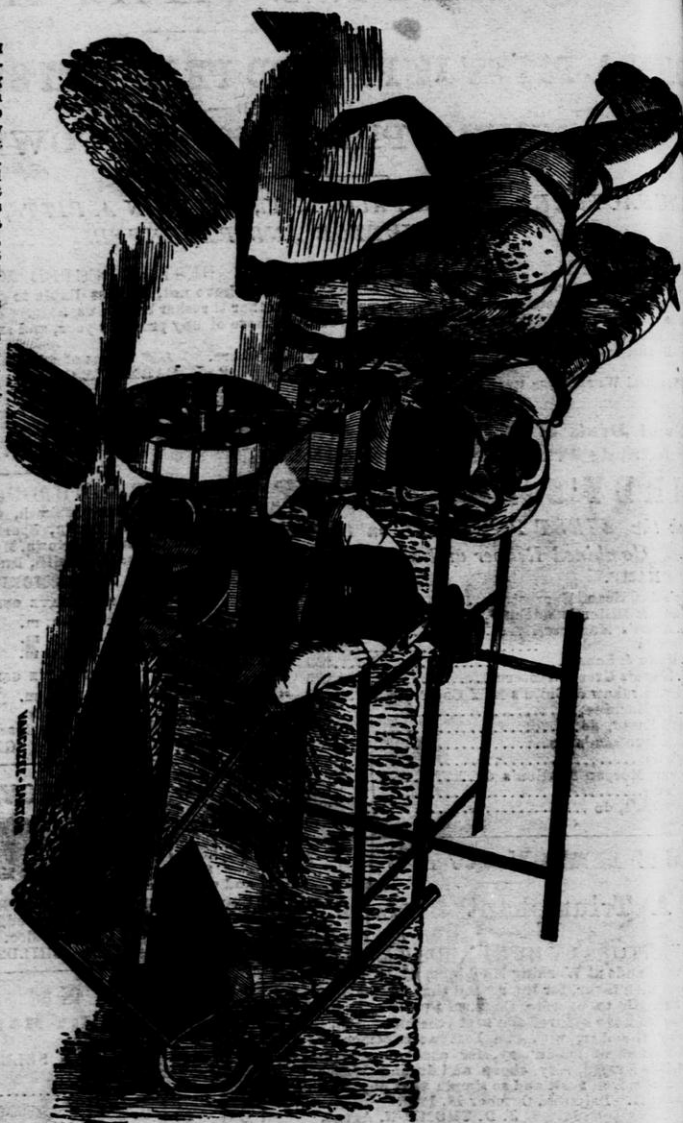
Mr. Kirby, on the contrary, appears to have been eminently successful in combining the two; and has this year brought his invention to a state of perfection that seems to have left no room for further improvement.

*From the Daily Times, Toledo.*

"Probably the best Mowing and Reaping Machine as yet invented, is Kirby's, of Buffalo. It has been proved at the severest tests, that it obviates the serious objections which other machines possess, and it is taking its stand as the best Harvester in use."

[From the Rural New Yorker, Rochester.]

"The marked peculiarity of this machine is its adapta-



bility to uneven surfaces. This peculiarity of the machine enables it to work on very rough land, and adapt it to all kinds of work, whether mowing, reaping, or gathering grass or clover seed."

[From Emery's Journal of Agriculture.]

"We witnessed its operation in the clover field at the Syracuse Trial last year, and in our judgment there is no machine that did superior work."

[Correspondent of Commercial Reporter.]

"It is considered, by skillful mechanics and scientific farmers, as the most durable and complete machine for either mowing or reaping, ever yet invented. It is emphatically the machine for the farmer, and needs but to be seen to be admired, and used to be appreciated."

WISCONSIN FARMER.—ADVERTISING DEPARTMENT.

CONTENTS OF THIS NUMBER.

Trip to the National Capital, .....	195
Take Care of Your Furs, .....	198
Address of Hon. H. H. Giles, .....	198
Fast Dog, .....	202
City Manures, .....	303
A Woman Pleads for New Inventions, .....	204
Medical Facts for the People, .....	205
Defects of Calf-Skin Leather, .....	206
Effect of Winter upon Stock in Texas, .....	206
At what Season Timber should be Cut, .....	207
Tansy, .....	207
Plain Talk to Girls, .....	207
Cook's Flying Machine, .....	208
The Farmer's Grindstone, .....	208
New Game Law, .....	209
Bees and Bee-Hives, .....	210
How to Get Water on Dry Farms, .....	210
Winnebago Co. Ag. Society vs. Hon. Geo. S. Bar-	211
num, .....	211

STOCK REGISTER.

Pleuro-Pneumonia, .....	212
Cattle Disease in Connecticut, .....	212
Profits of Sheep Raising, .....	212
Wool of Waukesha Co., .....	213
Wisconsin State Ag. Soc. on the Cattle Disease, .....	213
Cure for Warts, .....	213
Scratches on Horses, .....	213

HORTICULTURAL.

Fruit Tree Protectors, .....	214
Small Fruits, .....	214
Summer Mulching, .....	215

HOME CIRCLE.

Work with a Will, .....	216
Cooking, .....	216
Co-operation of the Wife, .....	216
Preservation of Milk and Cream, .....	216
Recipes, .....	216

FOR THE CHILDREN.

Fable of the Fly, .....	217
-------------------------	-----

MISCELLANEOUS.

Egypt Defended, .....	218
Cook's Evaporator, .....	218
Chinch Bugs, .....	219
Rust in Wheat, .....	220
Officers' Fees in Oregon, .....	220
Dead Letter Office, .....	221
Anonymous Correspondence, .....	221
Patent Office, .....	222
Manny Premium Reaper, .....	223

EDITOR'S TABLE.

Sugar Cane Crop and the tools to Work it, .....	224
Editorial Convention, .....	225
Little Pilgrim, .....	226
Tall Rye, .....	226
The Season and the Crops, .....	226
Cattle Disease, .....	219
Wool, .....	219
Patent Office Reports, .....	219
Scientific American, .....	219
To the Press, .....	219

ADVERTISEMENT NOTICES.

W. D. Bacon advertises his usual variety of valuable farm machinery. In addition to his invaluable Railway Horse Power, he has, also, Wheeler's New Lever Power, both for four and Six Horses, making, with the Threshers, a neat Medium Power for farm work or jobbing, for such as do not wish to buy larger and more expensive machines. These six-horse power machines, all complete, cost only from \$250 to \$275, instead of from \$400 to \$450; Mr. B. is also the Agent for the Pitt's Machine.

Mr. Bacon's machinery is all first class of its respective kinds, and may be bought with entire confidence. Read his entire circular.

PITT'S THRESHERS.—P. L. Carman & Co., advertise these unrivaled and popular machines—buyers only need to know where they can be found.

P. L. & Co. are also agents for the sale of the Kirby Reapers and Mowers, apparently coming rapidly into popularity, both East and West. They are nearly all iron, hence well calculated to stand Western *field exposure*.—We understand that numbers of our good farmers are buying them, so that they will be well tested among us this season.

MENGES & BARTEL's fine stock of goods for country and city trade were referred to in our last number; and we would call attention to them again, especially in behalf of our country friends who will be in town on the *Fourth*.—Their stock is not more imposing at sight than some others, but will be found very select and cheap. Remember they are in the United States Block.

They also advertise Sugar Mills for sale.

J. M. THORBURN & Co. advertise a large list of Turnip Seed at very low prices, as usual.

J. P. ROE, Esq., one of our well known Stock Breeders, advertises Fine Stock and Southdown Sheep for sale.

DANFORD'S MOWER.—We have one of these well known mowers, almost new, having been used only for a little while last season, which we will sell cheap and on reasonable terms.

MILL AND MACHINE FORGING.—C. W. Olney, of this city, is one of the best workmen and machine forgers that we know in the country; he can do any kind of a job that is brought him *both quick and well*, and is reasonable in his prices. He has done a good deal of difficult work for us the past season, and to our entire satisfaction. His shop is down Main street, on the corner of the second block from the Bank of Madison.

N. B. He is said to be the best mill-pick dresser in the State.

WALDO J. ELMORE,  
IMPORTER AND DEALER IN

China, Glass and Earthen Ware,  
*House Furnishing Wares,*  
LAMPS, AND CORNELIUS' GAS FIXTURES,  
And Manufacturer of Looking Glasses.  
No. 163 East Water-St., Milwaukee  
11 6]

# WISCONSIN FARMER



VOL. 12.

MADISON, JULY 1, 1860.

NO. 9.

## The Wisconsin Farmer,

A MONTHLY JOURNAL,

Devoted to Agriculture, Horticulture, &c

PUBLISHED BY D. J. POWERS & Co.

TERMS OF SUBSCRIPTION.—Single Copies, \$1 per year—  
Seven Copies, \$6.—Ten Copies, \$8.—Fifteen Copies, \$12—  
Twenty Copies, \$15, and one to the Agent.

### RATES OF ADVERTISING IN THE FARMER.

NO. INSERTIONS.	1	2	3	4	5	6	7	8	9	10	11	12
12 lines or 1 sqr	\$2	3	4	5	6	7	8	9	10	11	12	13
2 "	3	4	5	6	7	8	9	10	11	12	13	14
3 "	4	5	6	7	8	9	10	11	12	13	14	15
4 "	5	6	7	8	9	10	11	12	13	14	15	16
5 "	6	7	8	9	10	11	12	13	14	15	16	17
6 "	7	8	9	10	11	12	13	14	15	16	17	18
7 "	8	9	10	11	12	13	14	15	16	17	18	19
8 "	9	10	11	12	13	14	15	16	17	18	19	20
9 "	10	11	12	13	14	15	16	17	18	19	20	21
10 "	11	12	13	14	15	16	17	18	19	20	21	22
11 "	12	13	14	15	16	17	18	19	20	21	22	23
12 "	13	14	15	16	17	18	19	20	21	22	23	24
13 "	14	15	16	17	18	19	20	21	22	23	24	25
14 "	15	16	17	18	19	20	21	22	23	24	25	26
15 "	16	17	18	19	20	21	22	23	24	25	26	27
16 "	17	18	19	20	21	22	23	24	25	26	27	28
17 "	18	19	20	21	22	23	24	25	26	27	28	29
18 "	19	20	21	22	23	24	25	26	27	28	29	30
19 "	20	21	22	23	24	25	26	27	28	29	30	31
20 "	21	22	23	24	25	26	27	28	29	30	31	32
21 "	22	23	24	25	26	27	28	29	30	31	32	33
22 "	23	24	25	26	27	28	29	30	31	32	33	34
23 "	24	25	26	27	28	29	30	31	32	33	34	35
24 "	25	26	27	28	29	30	31	32	33	34	35	36
25 "	26	27	28	29	30	31	32	33	34	35	36	37
26 "	27	28	29	30	31	32	33	34	35	36	37	38
27 "	28	29	30	31	32	33	34	35	36	37	38	39
28 "	29	30	31	32	33	34	35	36	37	38	39	40
29 "	30	31	32	33	34	35	36	37	38	39	40	41
30 "	31	32	33	34	35	36	37	38	39	40	41	42
31 "	32	33	34	35	36	37	38	39	40	41	42	43
32 "	33	34	35	36	37	38	39	40	41	42	43	44
33 "	34	35	36	37	38	39	40	41	42	43	44	45
34 "	35	36	37	38	39	40	41	42	43	44	45	46
35 "	36	37	38	39	40	41	42	43	44	45	46	47
36 "	37	38	39	40	41	42	43	44	45	46	47	48
37 "	38	39	40	41	42	43	44	45	46	47	48	49
38 "	39	40	41	42	43	44	45	46	47	48	49	50
39 "	40	41	42	43	44	45	46	47	48	49	50	51
40 "	41	42	43	44	45	46	47	48	49	50	51	52
41 "	42	43	44	45	46	47	48	49	50	51	52	53
42 "	43	44	45	46	47	48	49	50	51	52	53	54
43 "	44	45	46	47	48	49	50	51	52	53	54	55
44 "	45	46	47	48	49	50	51	52	53	54	55	56
45 "	46	47	48	49	50	51	52	53	54	55	56	57
46 "	47	48	49	50	51	52	53	54	55	56	57	58
47 "	48	49	50	51	52	53	54	55	56	57	58	59
48 "	49	50	51	52	53	54	55	56	57	58	59	60
49 "	50	51	52	53	54	55	56	57	58	59	60	61
50 "	51	52	53	54	55	56	57	58	59	60	61	62
51 "	52	53	54	55	56	57	58	59	60	61	62	63
52 "	53	54	55	56	57	58	59	60	61	62	63	64
53 "	54	55	56	57	58	59	60	61	62	63	64	65
54 "	55	56	57	58	59	60	61	62	63	64	65	66
55 "	56	57	58	59	60	61	62	63	64	65	66	67
56 "	57	58	59	60	61	62	63	64	65	66	67	68
57 "	58	59	60	61	62	63	64	65	66	67	68	69
58 "	59	60	61	62	63	64	65	66	67	68	69	70
59 "	60	61	62	63	64	65	66	67	68	69	70	71
60 "	61	62	63	64	65	66	67	68	69	70	71	72
61 "	62	63	64	65	66	67	68	69	70	71	72	73
62 "	63	64	65	66	67	68	69	70	71	72	73	74
63 "	64	65	66	67	68	69	70	71	72	73	74	75
64 "	65	66	67	68	69	70	71	72	73	74	75	76
65 "	66	67	68	69	70	71	72	73	74	75	76	77
66 "	67	68	69	70	71	72	73	74	75	76	77	78
67 "	68	69	70	71	72	73	74	75	76	77	78	79
68 "	69	70	71	72	73	74	75	76	77	78	79	80
69 "	70	71	72	73	74	75	76	77	78	79	80	81
70 "	71	72	73	74	75	76	77	78	79	80	81	82
71 "	72	73	74	75	76	77	78	79	80	81	82	83
72 "	73	74	75	76	77	78	79	80	81	82	83	84
73 "	74	75	76	77	78	79	80	81	82	83	84	85
74 "	75	76	77	78	79	80	81	82	83	84	85	86
75 "	76	77	78	79	80	81	82	83	84	85	86	87
76 "	77	78	79	80	81	82	83	84	85	86	87	88
77 "	78	79	80	81	82	83	84	85	86	87	88	89
78 "	79	80	81	82	83	84	85	86	87	88	89	90
79 "	80	81	82	83	84	85	86	87	88	89	90	91
80 "	81	82	83	84	85	86	87	88	89	90	91	92
81 "	82	83	84	85	86	87	88	89	90	91	92	93
82 "	83	84	85	86	87	88	89	90	91	92	93	94
83 "	84	85	86	87	88	89	90	91	92	93	94	95
84 "	85	86	87	88	89	90	91	92	93	94	95	96
85 "	86	87	88	89	90	91	92	93	94	95	96	97
86 "	87	88	89	90	91	92	93	94	95	96	97	98
87 "	88	89	90	91	92	93	94	95	96	97	98	99
88 "	89	90	91	92	93	94	95	96	97	98	99	100
89 "	90	91	92	93	94	95	96	97	98	99	100	101
90 "	91	92	93	94	95	96	97	98	99	100	101	102
91 "	92	93	94	95	96	97	98	99	100	101	102	103
92 "	93	94	95	96	97	98	99	100	101	102	103	104
93 "	94	95	96	97	98	99	100	101	102	103	104	105
94 "	95	96	97	98	99	100	101	102	103	104	105	106
95 "	96	97	98	99	100	101	102	103	104	105	106	107
96 "	97	98	99	100	101	102	103	104	105	106	107	108
97 "	98	99	100	101	102	103	104	105	106	107	108	109
98 "	99	100	101	102	103	104	105	106	107	108	109	110
99 "	100	101	102	103	104	105	106	107	108	109	110	111
100 "	101	102	103	104	105	106	107	108	109	110	111	112

### Milwaukee Mutual

## FIRE INSURANCE COMPANY!

CAPITAL, \$100,000.

OFFICE, NOS. 3 & 4, MARTIN'S BLOCK.

MILWAUKEE, - - - - - WISCONSIN.

The Oldest Company in the State?

**A**s only isolated dwellings and barns, with their contents are insured, (no risks being taken on stores, taverns, mills, shops, &c.) Farmers are presented with an unequally safe and cheap means of insurance.

#### DIRECTORS:

S. S. DAGGETT, A. GREULICH, J. H. VAN DYKE,  
E. CRAMER, E. D. HOLTON, H. FESS, JR.,  
H. L. PALMER, G. BARRY, J. B. MARTIN.

P. B. HILL, Secretary, S. S. DAGGETT, President  
J. B. MARTIN, Vice Pres't. M. L. SKINNER, Office Agt

Those desiring insurance on conferring with any authorized Agent in their vicinity, if any, or by writing to the Office Agent, giving a description of the property to be insured, will meet with prompt attention, [May 1857.

### Hosford & Seely,

Manufacturers and Dealers in all kinds of

SASH, DOORS AND BLINDS.

ORDERS FROM THE COUNTRY PROMPTLY ATTENDED TO. Canal Water Power, Second Ward, Milwaukee, Wisconsin.

J. W. HOSFORD,.....L. SEELEY.

## Turnip Seed, Turnip Seed.

J. M. THORBURN & Co.,

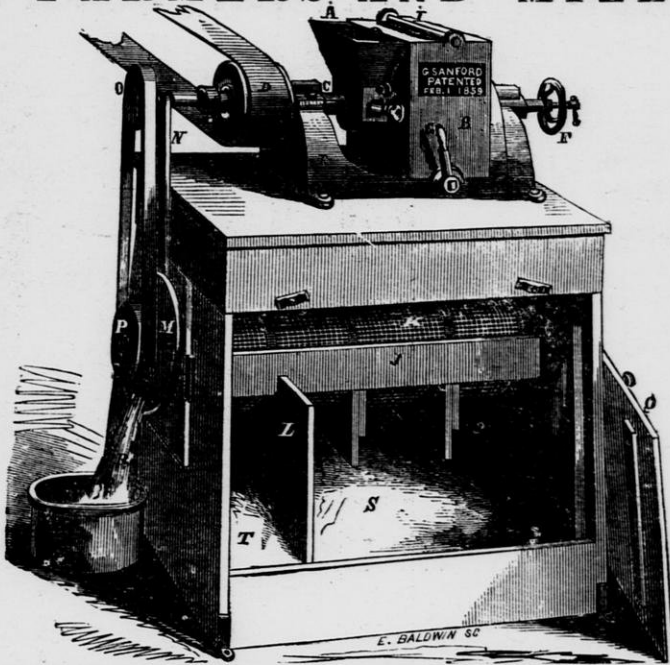
15, John Street, New York,

OFFER TO THE TRADE, AND OTHERS, THE FOLLOWING varieties of TURNIP SEED, all of which they warrant of the same superior quality as have hitherto given such universal satisfaction:

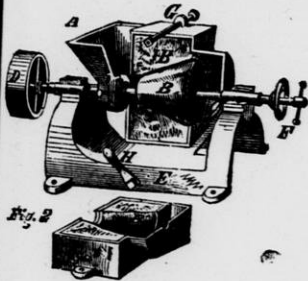
Early White Dutch,	do	75c
Red Top, strap leaf,	do	75c
Red Top,	do	75c
White Strap Leaf, Flat,	do	75c
White French, (extra),	do	75c
Large White Globe,	do	50c
Large White Norfolk,	do	50c
Long White Tankard,	do	50c
Swan's Egg,	do	75c
Virtue's Long White,	do	75c
Green Globe,	do	60c
Waite's Eclipse,	do	60c
Yellow Malta,	do	60c
Yellow Finland,	do	75c
Yellow Stone,	do	75c
Robson's Golden Ball,	do	75c
Yellow Aberdeen,	do	50c
Long Yellow French,	do	75c
Dale's Hybrid,	do	50c
Improved Ruta Baga, (American),	do	75c
Skiving's do	do	50c
Purple Top do	do	50c
Marshall's do	do	50c
Bullock's Heart Purple Top Ruta Baga,	do	50c
Dickson's Imp'd do	do	50c



# EXCELSIOR MILL, OR FARMERS AND MILLERS.



**P. L. CARMAN & Co. Madison, Sole Agents for Wisconsin.**



THIS MILL, invented by Mr. G. Sanford, is now on exhibition, and for sale at the Agency above; and although it has been patented but a few months, has gained a wide and enviable reputation as a Flouring Corn and Feed Mill. It is also adapted to grind dried fruit, spices, coffee, plaster of paris, whitening, soap stone, white lead, salaratus, cream of tartar, etc. etc.

Persons wishing mills for any of the above purposes, will do well to examine this before purchasing, as it has many advantages over those now in use. The quality of the work performed by this mill, and its great durability, (lasting a life time,) ought to commend it to those who have so often been deceived in purchasing IRON MILLS.

**MIDDINGS.**—No Mill can be compared to the "Excelsior" for grinding middlings, and owners of mills would save the price of it in a few months by purchasing one for this kind of work; by many experienced men it is pronounced superior to the ordinary flat stone mill for general milling purposes, as it will do an equal amount of work, equally well with one-third less power; and is much more easily handled and kept in good working order.

**MEAL**—for ordinary domestic purposes, can be ground with this mill, in great perfection, and very rapidly, as also the coarser grades for feed.

**FEED.**—As a feed mill we challenge comparison with any in use, both as to quality and quantity of the work. The advantages of the construction of the conical grinder and divided shell herein described, are that the mill grinds the best flour or the coarsest feed by a turn of the adjusting screw; that it heats the meal less than the flat stone mill; that it can be taken apart and dressed by a person of ordinary intelligence; that it can be operated with less power than any other mill of equal capacity; that it is more compact, simple, and less liable to get out of order than any other mill now before the public—advantages that will be appreciated by all who have used mills that are complicated in construction, and that require the attendance of a practical and experienced miller or mill-wright to put them in order. From actual experiment we are prepared to say, that with one horse three bushels of fine Indian meal per hour can be ground from the hardest corn, which is equal to the work of a four-and-a-half feet flat stone mill, under an eight feet head of water, on a horizontal wheel. Two horses, with Sanford's new patented "Anti-friction Horse Power," will grind with this mill five bushels meal the hour.

The mill can be run up to one thousand revolutions per minute, which is the most economical rate of speed for our mill, grinding from five to seven bushels fine meal the hour, and of feed eight to fourteen bushels, according to fineness.

Four to five horse steam power will drive the small mill to its utmost capacity, and six to seven is sufficient to run our large flouring mill to the greatest speed required.

From 1500 to 3000 bushels of corn can be ground with the mills as we deliver them, without dressing them, after which an intelligent man can put in the same dressing, in a few hours by using a sharp stick.

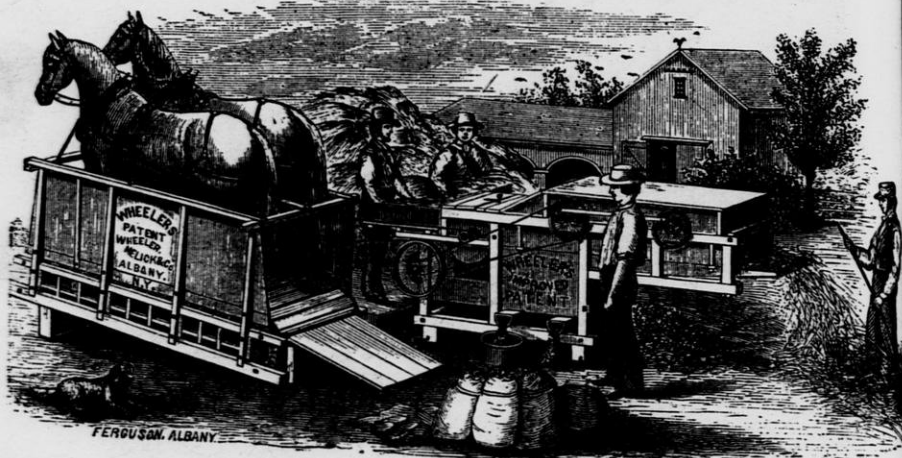
The farm mill is 36 inches long, 18 wide and 18 high, and weighs 300 lbs. The box containing the bolt is three feet square.

Persons ordering mills should state the kind of work they wish them to perform, and if more than one kind, which will be the principal grain ground. It is also very important that we should know the kind of power to be employed in driving them, that we may send a mill perfectly adapted to the power and work.

THE PRICES are as follows:—Corn Meal and Feed Mill, \$105; Flouring Mill, same size, without Bolt, \$105; Flouring Mill with our improved Bolt, \$140; Flouring Mill with Miller's Bolt, \$150; Large size Flouring Mill without Bolt, \$170. Our terms are Cash on delivery in this city. Letters requiring further information addressed to the undersigned will meet with prompt attention.

**P. L. CARMAN & Co., Madison, Wis.,**  
Near the Milwaukee & Mississippi R. R. Depot.

# WHEELER'S PAT. RAILWAY HORSE POWER



**W. D. BACON, WAUKESHA, WISCONSIN,**

Is constantly receiving and will keep for sale

**Wheeler, Melick & Co.'s valuable Railway Improved Combined  
Thresher and Winnower, for two horses.**

**SINGLE HORSE POWER THRESHERS, with Straw Separators.**

**STRAW AND STALK CUTTERS**

**WOOD SAW MILLS.**

**FEED GRINDERS.**

**WHEELER'S FOUR AND SIX HORSE LEVER POWERS, ready to use for general purposes for**  
Cutting Straw, Grinding Feed, Sawing Wood, as well as built expressly to drive all the different sizes of Threshers  
by them made, enabling the purchaser to choose a Tread or Lever power. Also—

**Pitt's Eight and Ten Horse Power Threshers and Separators,**

**With Latest Improvements, with or without Trucks, Straw Stackers, &c. Also,**

**Felton's Improved Feed Mill,**

Capable of Grinding Corn in the Ear, or the smallest of shelled grain. Will grind Meal or Flour for domestic use  
can be easily operated with one horse; will grind coarse or fine, according to the wish of the operator; is self-sharpening, and can be worked on any barn floor. Four years use prove it to be the *most durable*, as well as the best  
FARMER'S MILL offered to the public, and will be sold at greatly reduced prices.

**WHEELER'S THRESHERS** are built with special reference to economical threshing, and can be used on any  
ordinary sized barn floor—and with late improvements can be as well-worked in the field; can be worked with from  
three to five hands and to adapt them to more special convenience, Wheeler, Melick & Co. have built two sizes, one  
with 26 inch Cylinder, more particularly for home use, to be operated with little help; and one with a 30 inch Cylin-  
der, to accommodate neighborhood wants; and the same snug, compact form (enlarged) is retained so that in ad-  
dition to neighborhood threshing it can be economically used for home wants, and worked on any ordinary sized  
barn floor—and the attention of Farmers is called to this particular feature in the Tread Power, for with a Tread  
Power threshing can be done in cold and stormy weather, by the farmer in his barn, and with *moderate elevation*.

Testimonials can be given from numerous farmers of the perfect ease and safety with which horses can be worked  
on these Tread Powers; yet to obviate the objection of an occasional customer Wheeler has built a light, strong  
made Lever Power, to be worked with four or six horses, admitting customers to choose according to taste and judg-  
ment. ~~These~~ Machines will be sold invariably at the **lowest shop prices of the Manufacturer**, adding  
transportation charges at Milwaukee, where orders will generally be delivered.

These Machines will be kept for sale at

My Residence,	:	:	:	:	:	Waukesha,
My Place of Business, No. 158 East Water street,	:	:	:	:	:	Milwaukee,
H. & J. F. Hill's Warehouse,	:	:	:	:	:	Milwaukee,
J. F. Kirkland's Pier,	:	:	:	:	:	Sheboygan.

Where responsible and reliable agents will always be on hand to attend to the requests of customers.

~~See~~ The subscriber keeps constantly on hand **Castings at cost** to repair all breakages that can occur.



VOL. 12.

MADISON, AUGUST 1, 1860,

NO. 10.

## The Wisconsin Farmer,

A MONTHLY JOURNAL,

Devoted to Agriculture, Horticulture, &c

PUBLISHED BY D. J. POWERS & Co.

TERMS OF SUBSCRIPTION.—Single Copies, \$1 per year—  
Seven Copies, \$6—Ten Copies, \$8—Fifteen Copies, \$12—  
Twenty Copies, \$15, and one to the Agent.

### RATES OF ADVERTISING IN THE FARMER.

NO. INSERTIONS.	1	2	3	4	5	6	7	8	9	10	11	12
12 lines or 1 sqr	\$2 8	4	5	6	7	8	9	10	11	12	13	14
2 "	8 4	6	8	10	12	14	15 1/2	17	18 1/2	20	21 1/2	23
3 "	5	8	11	14	17	20	22 1/2	25	27 1/2	30	32 1/2	35
1/4 page or 4 "	7	10	13	16	19	22	25	28	31	34	37	40
5 "	7 1/2	12	15 1/2	19	22 1/2	26	29 1/2	33	36	39	42	45
6 "	8	12 1/2	17	21 1/2	25 1/2	29	33 1/2	37 1/2	41	45	48	52
7 "	9	14	19	24	29	34	39 1/2	44 1/2	49 1/2	54	59	64
1/2 page or 8 "	10	16	22	28	34	40	46	52	58	64	70	76
3/4 page,	15	25	35	44	52	60	68	76	84	92	100	108
1 page,	20	30	40	50	60	70	80	90	100	110	120	125

### Milwaukee Mutual

## FIRE INSURANCE COMPANY!

CAPITAL, \$100,000.

OFFICE, NOS. 3 & 4, MARTIN'S BLOCK,

MILWAUKEE, - - - - - WISCONSIN.

The Oldest Company in the State!

**A**s only isolated dwellings and barns, with their contents are insured, (no risks being taken on stores, taverns, mills, shops, &c.) Farmers are presented with an unequally safe and cheap means of insurance.

#### DIRECTORS:

S. S. DAGGETT, A. GREULICH, J. H. VAN DYKE,  
E. CRAMER, E. D. HOLTON, H. FESS, Jr.,  
H. L. PALMER, G. BARRY, J. B. MARTIN.

P. B. HILL, Secretary, S. S. DAGGETT, President.  
J. B. MARTIN, Vice Pres't. M. L. SKINNER, Office Agt

Those desiring insurance on conferring with any authorized Agent in their vicinity, if any, or by writing to the Office Agent, giving a description of the property to be insured, will meet with prompt attention. [May 1857.]

## Hosford & Seely,

Manufacturers and Dealers in all kinds of

SASH, DOORS AND BLINDS.

ORDERS FROM THE COUNTRY PROMPTLY ATTENDED TO. Canal Water Power, Second Ward, Milwaukee, Wisconsin.

J. W. HOSFORD,.....L. SEELEY.

## Turnip Seed, Turnip Seed.

J. M. THORBURN & Co.,

15, John Street, New York,

OFFER TO THE TRADE, AND OTHERS, THE FOLLOWING varieties of TURNIP SEED, all of which they warrant of the same superior quality as have hitherto given such universal satisfaction:

Early White Dutch,.....	do	75c
Red Top, strap leaf,.....	do	75c
Red Top,.....	do	75c
White Strap Leaf, Flat,.....	do	75c
White French, (extra).....	do	75c
Large White Globe,.....	do	50c
Large White Norfolk,.....	do	50c
Long White Tankard,.....	do	50c
Swan's Egg,.....	do	75c
Vertue's Long White,.....	do	75c
Green Globe,.....	do	50c
Waite's Eclipse,.....	do	50c
Yellow Malta,.....	do	75c
Yellow Finland,.....	do	75c
Yellow Stone,.....	do	75c
Robson's Golden Ball,.....	do	75c
Yellow Aberdeen,.....	do	50c
Long Yellow French,.....	do	75c
Dale's Hybrid,.....	do	50c
Improved Ruta Baga, (American),.....	do	75c
Skriving's do do	do	50c
Purple Top do do	do	50c
Marshall's do do	do	50c
Bullock's Heart Purple Top Ruta Baga,.....	do	50c
Dickson's Imp'd do do do	do	50c
Laing's do do do do	do	50c
Ashcraft's do do do do	do	50c

#### — ALSO —

Round and Prickly Spinach, each,.....	do	50c
Corn Salad, or Feticus,.....	do	\$1 00
Rose Colored Chinese, or Winter Radish,.....	do	
1/2 oz. 20 cents, or 1/2 lb,.....	do	1 50

J. M. THORBURN & Co.,  
Seed Warehouse, 15 John-st., New York.

## CAST STEEL BELLS,

For Churches, Academies, Fire Alarms, Factories, &c.

FROM SHEFFIELD, ENG.,

**H**AVE BEEN TESTED IN ALL CLIMATES, EUROPE and America. Weigh less; cost less per pound; have better tones; can be heard further than any other bells. They cost fifty per cent less than

#### THE BEST COMPOSITION BELLS.

Which are also sold by me at maker's prices.

#### BROKEN BELLS TAKEN IN EXCHANGE,

Or re-cast on short notice. Such bells will nearly pay for Steel Bells of the same size.

Send for Circular. Bells delivered in all parts of the United States or Canada, by

JAMES G. DUDLEY,  
93 Main street, Buffalo, N. Y.



## CONTENTS OF THIS NUMBER.

How not to do it.....	227
Growth of the hair.....	228
Oiling Leather.....	228
Lightning Rods.....	229
World's Fair in 1892.....	231
Insure against Lightning.....	231
Concrete Houses.....	232
St. Croix Farmer's Club.....	233
Hay Caps.....	234
Mourning Grass Lands.....	234
Flat culture.....	234
Uses of ice.....	235
Measuring Hay.....	236
Caution to Bee keepers.....	236
White Pines.....	236
Sugar Manufacture.....	237
Greeley on the Agricultural Press.....	238
Wisconsin Ag. and Mech. Association.....	239

### STOCK REGISTER.

Reasons for keeping sheep.....	239
Dog Law in Grant Co.....	241
Coarse vs. fine wool sheep.....	241
Whitewater wool market.....	242
Sheep killed by dogs.....	242
Most profitable sheep.....	243
Improving breeds of horses.....	243
Stock-water cisterns.....	244

### MECHANICAL.

Wood's mower.....	245
Kirby's reaper.....	246

### HORTICULTURAL.

Care of trees.....	246
Work in nurseries.....	247
Early strawberries and cherries.....	247
Agricultural Bureau.....	247
Orchard Planting.....	248
Winter mulching.....	248
Cranberry culture.....	248
Watering trees.....	249
Pruning.....	249

### HOME CIRCLE.

The Playmate.....	250
Cultivation of Flowers.....	250
Valuable recipes.....	251

### FOR THE CHILDREN.

Elfin Queen.....	251
Queen Mab's dinner table.....	251
Respiration of man.....	251
Barking of dogs.....	251

### MISCELLANEOUS.

Expensive luxury.....	252
Carpet trade.....	252
The lost arts.....	252
Good investment.....	253
Canada thistles.....	253

### EDITOR'S TABLE.

Crop prospects and prices.....	254
Brother Barnum.....	255
Visit to Albion Academy.....	256
Evansville Seminary.....	256
Vermont—a suggestion.....	257
Dog-Law officially endorsed.....	257
Preparations for State Fair.....	257
Trenton Farmer's Club.....	258
Cattle disease.....	258
Wonderful growth.....	259
Reaper trade.....	259
Sugar cane crop.....	259
Acknowledgments.....	259
Premium farms.....	259
Madison Horticultural Society.....	259
Cook's Evaporator.....	260

## Thoro' Bred Short Horns FOR SALE.

SEVERAL choice young BULLS and COWS, thorough bred, and descended from the best stock of Ohio and Kentucky. Those wishing to improve their stock can be provided with animals of undoubted pedigree and at reasonable prices.

CHAS. H. WILLIAMS.

Baraboo, Sauk Co., June 22, 1890. [12 9 3]

## ADVERTISEMENT NOTICES.

**COOK'S EVAPORATOR.**—See advertisement of this celebrated article, together with illustration, upon the outside of cover. They are said to be superseding every thing else for sorghum boiling, and to absolutely make good sugar, right along, out of good cane. Read the testimonials in connection with the advertisement.

**SUGAR CANE MILLS,** at Mendota Foundry—of diverse patterns, and of substantial quality. Read advertisement.

**SASH, BLINDS AND DOORS.**—Those wanting these articles will find just what will suit them at Horford & Seely's, on the Canal Bank in Milwaukee. They are the best manufacturers of the above articles we know of.—They have always made our work for ten years, when we have wanted any amount. Their work is always good and prices low. Those building houses in the country can buy their articles from 20 to 30 per cent cheaper than they can be made by hand or at most other shops. See their card.

**THE AETNA INSURANCE COMPANY** appear in a new advertisement in which there are some changes of agents, &c. As to the company we need not repeat what we have often said in its favor. It is well known.

**SUFFOLK HOGS.**—See card of Chas. L. Reed, of Chicago. His stock of Suffolks is said to be very fine.

**PATENT AGENCY.**—Those wishing to procure patents or to transact any other business with the Patent Office, will do well to read the advertisement of J. S. Brown, of Washington, D. C. He is a gentleman with whom we became professionally acquainted when recently at Washington, and believe him to be a very trusty and competent agent; one with whom we very readily trusted our business.

He is especially eminent for carrying through rejected cases. We hope our patent men will send him their business.

**FINE DRUGS AND CHEMICALS.**—See card of J. T. Marshall, N. Y., dealer in the foregoing articles, Perfumery, &c., &c.

**MORE IN FAVOR OF LIFE INSURANCE.**—Mr. G. A. Wilard, of this city, who was killed by the cars on Friday evening last, had his life insured in the Connecticut Mutual Insurance Co., for \$3,000.

See advertisement of Wisconsin Mutual Life Insurance Co., such as wish to avail themselves of the benefit that life insurance confers.

G. V. Orr's will be found one of the best establishments in the city in which to purchase leather and findings of all kinds, also Harness and horse gear in all its varieties. Those wanting anything in that line will do well to give him a call, under Bruen's Block.

## THE SUFFOLK HOGS.

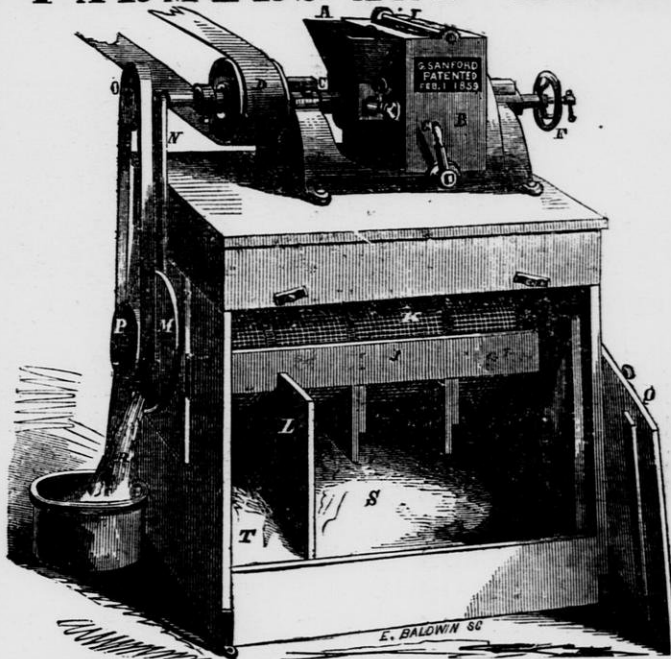
*More Pork and Less Corn!*

**AT THE SUMMIT STATION ON THE CHICAGO, Alton and St. Louis Railroad,** 12 miles from Chicago are kept 20 sows and 3 boars of different strains of *Suffolk Hogs*, from which pigs are bred and kept for sale. Those feeling an interest in that kind of hogs that make the most and the best pork from the least feed, can obtain a descriptive circular, or purchase, by calling at the premises, or addressing the subscriber, care of Hon. John Wentworth, Chicago, Ill. Hundreds have been sent by Railroad, without accident, to different and distant parts of the United States.

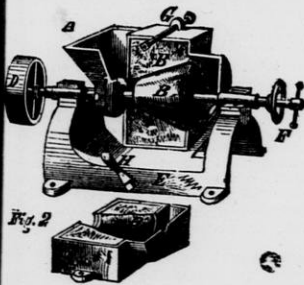
12-10-1]

CHARLES L. REED, Chicago.

# EXCELSIOR MILL, OR FARMERS AND MILLERS.



**P. L. CARMAN & Co., Madison, Sole Agents for Wisconsin.**



THIS MILL, invented by Mr. G. Sanford, is now on exhibition, and for sale at the Agency above; and although it has been patented but a few months, has gained a wide and enviable reputation as a Flouring Corn and Feed Mill. It is also adapted to grind dried fruit, spices, coffee, plaster of paris, whiting, soap stone, white lead, salaratus, cream of tartar, etc. etc.

Persons wishing mills for any of the above purposes, will do well to examine this before purchasing, as it has many advantages over those now in use. The quality of the work performed by this mill, and its great durability, (lasting a life time,) ought to commend it to those who have so often been deceived in purchasing IRON MILLS.

**MIDDINGS.**—No Mill can be compared to the "Excelsior" for grinding middings, and owners of mills would save the price of it in a few months by purchasing one for this kind of work; by many experienced men it is pronounced superior to the ordinary flat stone mill for general milling purposes, as it will do an equal amount of work, equally well with one-third less power; and is much more easily handled and kept in good working order.

**MEAL**—for ordinary domestic purposes, can be ground with this mill, in great perfection, and very rapidly, as also the coarser grades for feed.

**FEED.**—As a feed mill we challenge comparison with any in use, both as to quality and quantity of the work. The advantages of the construction of the conical grinder and divided shell herein described, are that the mill runs the best flour or the coarsest feed by a turn of the adjusting screw; that it heats the meal less than the flat stone mill; that it can be taken a part and dressed by a person of ordinary intelligence; that it can be operated with less power than any other mill of equal capacity; that it is more compact, simple, and less liable to get out of order than any other mill now before the public—advantages that will be appreciated by all who have used mills that are complicated in construction, and that require the attendance of a practical and experienced miller or mill-wright to put them in order. From actual experiment we are prepared to say, that with one horse three bushels of fine Indian meal per hour can be ground from the hardest corn, which is equal to the work of a four-and-a-half feet flat stone mill, under an eight feet head of water, on a horizontal wheel. Two horses, with Sanford's new patented "Anti-friction Horse Power," will grind with this mill five bushels meal the hour.

The mill can be run up to one thousand revolutions per minute, which is the most economical rate of speed for our mill, grinding from five to seven bushels fine meal the hour, and of feed eight to fourteen bushels, according to fineness. Four to five horse steam power will drive the small mill to its utmost capacity, and six to seven is sufficient to run our large flouring mill to the greatest speed required.

From 1500 to 3000 bushels of corn can be ground with the mills as we deliver them, without dressing them, after which any intelligent man can put in the same dressing, in a few hours by using a sharp stick.

The farm mill is 36 inches long, 18 wide and 18 high, and weighs 300 lbs. The box containing the bolt is three feet square.

Persons ordering mills should state the kind of work they wish them to perform, and if more than one kind, which will be the principal grain ground. It is also very important that we should know the kind of power to be employed in driving them, that we may send a mill perfectly adapted to the power and work.

**THE PRICES** are as follows:—Corn Meal and Feed Mill, \$105; Flouring Mill, same size, without Bolt, \$105; Flouring Mill with our improved Bolt, \$140; Flouring Mill with Miller's Bolt, \$150; Large size Flouring Mill without Bolt, \$170. Our terms are Cash on delivery in this city. Letters requiring further information addressed to the undersigned will meet with prompt attention.

**P. L. CARMAN & Co., Madison, Wisconsin.**

Near Milwaukee & Mississippi R. R. Depot.

# COOK'S PORTABLE



## SUGAR EVAPORATOR

*The only Successful Evaporator! Has always taken the First Premium wherever exhibited.*

**It is the only one which made Sugar of the Crop of 1859.**

COOK'S EVAPORATOR is the only one of "all the train" which has ever made Sorghum  
COOK'S EVAPORATOR Sugar!  
COOK'S EVAPORATOR is the only one which defecates without lime and other chemicals!  
COOK'S EVAPORATOR is the only one which can remove the gums which prevent crystallization!  
COOK'S EVAPORATOR is the only one which has a right to use a running stream controlled by ledges!  
COOK'S EVAPORATOR is the only one which renders scorching of the syrup impossible!  
COOK'S EVAPORATOR is the only one which has the right to motion in the pan, or to an inclined bottom to control the flow of juice!  
COOK'S EVAPORATOR is the only one which took a first premium at any National or State Fair in 1859, where it was exhibited!  
COOK'S EVAPORATOR is the only one which has met with unbounded success among the people!  
COOK'S EVAPORATOR is the only one which can show any thing like the following testimonials!

### —TESTIMONIALS—

MARION, Iowa, May 29, 1860.

Messrs. Blymyers, Bates & Day: \* \* I enclose you a sample of my sugar. I had no trouble in making it. I put nothing in it to cleanse it—this is just as it came from the Evaporator; it has not been reboiled.

O. N. BRAINARD.

Messrs. Blymyers, Bates & Day: \* \* I made twelve barrels of very nice syrup, very clear and pleasant tasting. During the winter I placed a portion of it in a warm room according to your directions to crystallize, and succeeded beyond my most sanguine expectations. The result has been a well crystallized and dry sugar. The Evaporator is all that is needed to make good sugar successfully from good Sorghum juice. You are at liberty to use this as you see proper.

Florida, Henry Co., O.

ISAAC KARSNER.

DEFIANCE, O., May 11, 1860.

Messrs. Blymyers, Bates & Day: \* \* I used one of your No. 2 Evaporators last year with great success, and made 575 gallons of the thickest and best syrup I ever saw. On the first of May I set away a large portion of it to grain, and now, in ten days' time it has sugared, and is well crystallized and dry.

J. Q. BEATTIE.

MAYSFIELD, O., May 13, 1860.

Messrs Blymyers, Bates & Day: \* \* The evaporator gave me perfect satisfaction. The syrup from my cane (kept separate) grained in three days' time, and made as beautiful an article of sugar as any New Orleans.

JOHN REED.

TECUMSEH, MICHIGAN, 10th 1860.

Messrs. Blymyers, Bates & Day: \* \* It has more than met my expectations. My cane did not fully ripen, yet succeeded in making sugar, having found no difficulty at all in its graining. I am satisfied that your machine is all you represented it to be, and it is the only pan that has met with any success with cane juice in this neighborhood. Some of our neighbors have also made cane sugar on your Evaporator.

JOHN RICHARD.

This is to certify that in the fall of 1858, I made 60 lbs of good sugar from Sorghum, and I have ever since used Cook's Evaporator, and in every instance it has given me perfect satisfaction, and I think I am as hard to please as a man can well be, for I always look for perfection and will have it, if it can be got by hard labor.

Springfield, Illinois.

ENOCH PAINE.

### SHOP PRICES ETC. OF EVAPORATORS.

No. 2, Pan 45 by 72 inches, of Galvanized Iron,	\$45 00;	Same size, of Copper,	\$65 00
No. 3, " 45 by 90 "	" 55 00;	" " "	75 00
No. 4, " 45 by 108 "	" 65 00;	" " "	85 00
Weight, without Brick.			
No. 2, 245 lbs.			
No. 3, 280 lbs.			
No. 4, 350 lbs.			
Capacity for boiling good cane juice.			
No. 2, about 2 brls per hour.			
No. 3, " 3 " "			
No. 4, " 4 " "			

Directions for using accompany each Evaporator.

Agents wanted to sell Cook's Evaporator in every large town in the State.

Also Traveling Agents, to all whom good commissions will be allowed. Those wishing to engage in the business can obtain agencies and all requisite blanks by applying to us in person or by letter, with proper references when strangers. Those wanting Evaporators will address their orders exclusively to the undersigned, he having the sole agency of the State. Those buying of others, except our authorized agents, will be liable to prosecution for infringement.

CRAWFORD & SPEARS, Madison, Wis.

Care of D. J. POWERS, Farmer Office.



# WISCONSIN FARMER



VOL. 12. MADISON, SEPTEMBER 1, 1860. NO. 11.

## The Wisconsin Farmer,

A MONTHLY JOURNAL,  
Devoted to Agriculture, Horticulture, &c  
PUBLISHED BY D. J. POWERS & Co.

TERMS OF SUBSCRIPTION.—Single Copies, \$1 per year—  
Seven Copies, \$6—Ten Copies, \$8—Fifteen Copies, \$12—  
Twenty Copies, \$15, and one to the Agent.

### RATES OF ADVERTISING IN THE FARMER.

NO. INSERTIONS.	1	2	3	4	5	6	7	8	9	10	11	12
Lines or 1 sqr	\$2	3	4	5	6	7	8	9	10	11	12	13
2 "	3 1/2	5	6	8	10	12	14	15 1/2	17	18 1/2	20	21 1/2
3 "	5	8	11	14	17	20	22 1/2	25	27 1/2	30	32 1/2	35
page or 4 "	7	10	13	16	19	22	25	28	31	34	37	40
5 "	8	12	15 1/2	19	22 1/2	26	29 1/2	32	35 1/2	38	41 1/2	45
6 "	9	13 1/2	17	21 1/2	25 1/2	29 1/2	33 1/2	37 1/2	41 1/2	45 1/2	49 1/2	53
7 "	9	14	19	24	29	34	39	44	49	54	59	64
page or 8 "	10	16	22	28	34	40	46	52	58	64	70	76
page,	20	31	40	50	60	70	80	90	99	107	116	125

**Milwaukee Mutual**  
**FIRE INSURANCE COMPANY!**  
CAPITAL, \$100,000.  
OFFICE, NOS. 3 & 4, MARTIN'S BLOCK,  
MILWAUKEE, . . . . . WISCONSIN.  
**The Oldest Company in the State!**

**As only isolated dwellings and barns,**  
with their contents are insured, (no risks being taken on stores, taverns, mills, shops, &c.) Farmers are presented with an unequally safe and cheap means of insurance.

**DIRECTORS:**  
S. S. DAGGETT, A. GREULICH, H. H. VAN DYKE,  
E. CRAMER, E. D. HOLTON, H. FESS, JR.,  
E. L. PALMER, G. BARRY, J. B. MARTIN.

S. S. DAGGETT, Secretary, S. S. DAGGETT, President.  
J. B. MARTIN, Vice Pres't. M. L. SKINNER, Office Agt  
Those desiring insurance on conferring with any authorized Agent in their vicinity, if any, or by writing to the Office Agent, giving a description of the property to be insured, will meet with prompt attention. [May 1857.]

**Hosford & Seely,**  
Manufacturers and Dealers in all kinds of  
**CASH, DOORS AND BLINDS.**  
ORDERS FROM THE COUNTRY PROMPTLY ATTENDED TO. Canal Water Power, Second Ward, Milwaukee, Wisconsin.  
J. W. HOSFORD, . . . . . L. SEELY.

## Stock Bucks.

**MATCHLESS and ROBERSON RICH, the two** celebrated Stock Bucks of the Spanish variety, owned by H. Hemminway, will be kept on his farm 3 miles west of Whitewater, where keeping will be furnished for those who wish to improve their stock of sheep. Season to commence as early as the 15th of October, and continue until the 15th of December. For proof of pure blood of said bucks, you are advised to view certain flocks where will be found specimens of their stock, for it is a fixed fact among experienced breeders, that it is better to examine stock of a Buck than to rely wholly on the general appearance of the buck himself. I have young bucks which I have bred from "Matchless"—also buck lambs by "Roberson Rich," from ewes got by "Matchless," that I will sell on reasonable terms. Payments made easy, is desirable.

H. HEMMINWAY.

WHITWATER, Aug. 20th, 1860.

## LOOK IN AND SEE

## Fuller's Temple of Art

when you come to the

## STATE FAIR,

and you will see fine

## PHOTOGRAPHS

of prominent men of Wisconsin and other States, the members of the Legislatures of 1858, 1859, and 1860, entire, and more specimens than in all the other galleries in the State. Perhaps you want a picture yourself—well, this is the place to get it; at any rate don't fail to look in at

## FULLER'S TEMPLE OF ART.

U. S. Block, corner Main and Pinckney sts, Madison.  
12 11 1

## Thoro' Bred Short Horns

FOR SALE.

**SEVERAL choice young BULLS and COWS,** thorough bred, and descended from the best stock of Ohio and Kentucky. Those wishing to improve their stock can be provided with animals of undoubted pedigree and at reasonable prices.

CHAS. H. WILLIAMS.

Baraboo, Sauk Co., June 22, 1860. [12 9 3]

## THE SUFFOLK HOGS.

More Pork and Less Corn!

**AT THE SUMMIT STATION ON THE CHICAGO,** Alton and St. Louis Railroad, 12 miles from Chicago are kept 20 sows and 3 boars of different strains of *Suffolk Hogs*, from which pigs are bred and kept for sale. Those feeling an interest in that kind of hogs that make the most and the best pork from the least feed, can obtain a descriptive circular, or purchase, by calling at the premises, or addressing the subscriber, care of Hon. John Wentworth, Chicago, Ill. Hundreds have been sent by Railroad, without accident, to different and distant parts of the United States.  
12-10-1]

CHARLES L. REED, Chicago.

CONTENTS OF THIS NUMBER.

What plans can the Farmer pursue.....	261
A week among the Farmers.....	263
Solidified milk.....	266
Importation of grain into Great Britain.....	266
Walking horses.....	267
Three great American inventions.....	267
Indoor farming.....	268
Gardening for women.....	269
Dangers of burning fluid.....	269
How I made sorghum sugar.....	270
Sweet potatoes.....	270
Girls in telegraph offices.....	271
Correspondence from Grant co.....	271
Indian sponge cake.....	271
Profit in farming.....	272
A Sangamon co. farm.....	272

STOCK REGISTER.

Sheep, wool, &c.....	273
Great yield of wool.....	273
California wool in the East.....	273
Water in pasture fields.....	274
Anti dog law meeting.....	275
Stock.....	275
The wool season of 1860.....	275
The wool clip of Crawford co. O.....	285
More testimony for sheep.....	286
"Roberson Rich,".....	288
Another big clip.....	289
Dog law.....	289

HORTICULTURAL.

Apples.....	276
Spare that tree.....	276
Corrections.....	276
Pomological visit.....	276
Grape culture.....	277
Exhibition of Fruit Growers' Association.....	277
Berries.....	278

MECHANICAL.

Kirby's reaper and straw cutter.....	278
What all good farmers need.....	279

HOME CIRCLE.

The Greenwood.....	281
Causes and treatment of summer complaint.....	281
Modern wonders.....	284
Delicious veal cutlet.....	284

FOR THE CHILDREN.

Chorus of flowers.....	284
To the humble-bee.....	284
To a fly.....	284
Spider webs.....	284

MISCELLANEOUS.

Drilling in seed.....	281
Hammond Farmer's Club.....	285
Big yield.....	285
Harvesting.....	285
Vermont.....	286
Insurance—the mutual plan.....	287

EDITOR'S TABLE.

State Fair.....	289
The wheat crop, prices, &c.....	290
A word with our patrons.....	291
Visit to the Agricultural College of Michigan.....	291
Fruit Growers' Association.....	292
Acknowledgments.....	292
National Teacher's Association.....	292

The Best Farmer's Library in the State—Every well-posted Man should have it.

The Five Volumes of the *Wisconsin Farmer*, ending with this year, bound complete in Library style for \$1.00 per vol. In cheaper covers at 80 cents, or \$4 per set.—These volumes refer to and embrace many thousand subjects of the highest interest to every farmer, gardener, and out-of-door business man in the State.

Their full and complete indexes enable the easy finding of any and all subjects; and by the way it is hard to find a subject within their range that is not extensively and clearly treated. They are an invaluable encyclopedia and dictionary of Western Agriculture that every farmer should secure while they can be had. Farmers who wish cheap and good libraries of reference and reading, examine them. Those having parts of sets can usually have them filled up and bound in uniform style, at our usually low price of 40 cents per copy.

We shall have sets on exhibition at the State Fair.

D. J. POWERS & CO.

ADVERTISEMENT NOTICES.

AFTER a careful examination of all the different Sewing Machines going, we finally selected and purchased one of the Chicago Sewing Machine Co. It is a first class double thread machine, Grover & Baker's stitch, with good walnut table, double foot treadle, and all complete for \$25.

It suits our folks better than a \$30 Grover & Baker machine that we formerly owned. We were so well pleased to find so good and cheap a machine, that we solicited their advertisement, which will be found in this number. We advise all who want a first class and cheap machine to read it, and will assure them that they may order the \$25 *Pearl Machine* without the least risk. It will probably be on exhibition at the State Fair.

COOK'S EVAPORATORS are being ordered in large numbers for this fall's manufacture, showing conclusively that they are being preferred to all others.—The demand for them is so great that no time should be lost in ordering, on the part of those who want them.—See advertisement on last page of August number.

P. L. CARMAN & Co. are still selling great numbers of Pitt's Threshing Machines. A friend of ours recently purchased one at our suggestion, and is greatly pleased with it. They are, without doubt, the very best machines in the world; all may buy them with perfect safety.

SUGAR MILLS, of a first class quality, strong substantial and cheap, are being made at the Mendota Foundry in this city.

Those wanting good iron mills, at low prices, cannot find a better article or buy cheaper in the West. Call and examine personally, or address "Mendota Foundry, Madison, care of D. J. POWERS.

All ordering Mills should do so without delay.

NURSERY ADVERTISEMENTS.—See Ellwanger & Barry's, and several others, on hand for the full trade.

J. A. CARPENTER & Co.'s Fine Stock, Devons, Southdowns, &c.

JOHN TUFFLEY, of Boscobel, wants to take sheep.

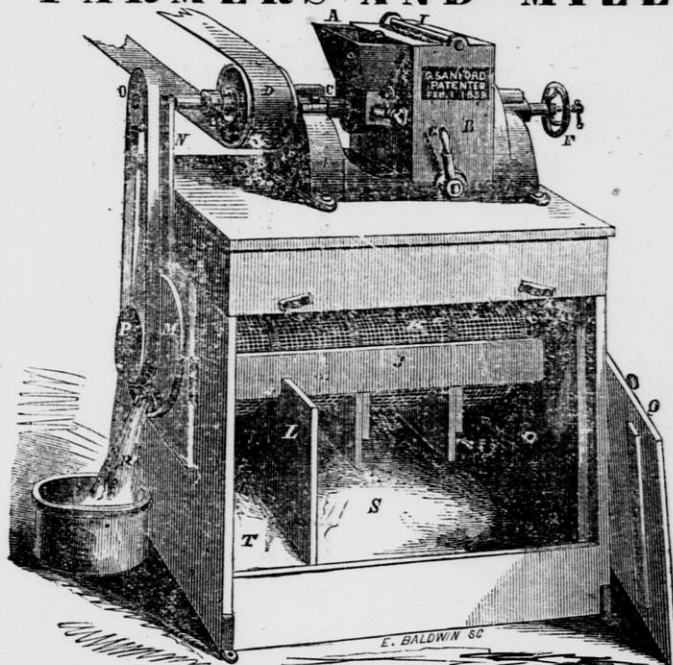
MENGES & BARTFELS, the well-known, extensive and liberal Dry Goods dealers, offer great inducements to purchasers in this number. Read their advertisement and plan, when you come to the Fair, to buy of them for fall and winter use. Recollect their store is in the old United States Block.

Our next number, for October, will be issued before the State Fair. Hence all who wish to advertise especially for that occasion, will be in time to do so.—Send in your advertisements, gentlemen, we can attract much valuable attention to meritorious machines and articles at the Fair.

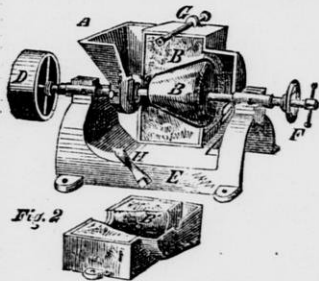
SOMETHING NEW IN THE STATE.—Drain tile are now being made in Milwaukee, of a first rate quality and at the lowest Eastern prices. See advertisement of Dr. Weeks, to whom the credit of having started this important enterprise is due. Millions of them are needed in the State per annum. They will probably be on exhibition at the State Fair.

FARMER OFFICE COLLECTIONS.—Herbert Reed, Esq., will call on such of our subscribers in arrears as he can in the course of other business. All collections made and receipted for by him, will be all right.  
D. J. POWERS & CO.

# EXCELSIOR MILL, FOR FARMERS AND MILLERS.



**P. L. CARMAN & Co., Madison, Sole Agents for Wisconsin.**



THIS MILL, invented by Mr. G. Sanford, is now on exhibition, and for sale at the Agency above; and although it has been patented but a few months, has gained a wide and enviable reputation as a Flouring Corn and Feed Mill. It is also adapted to grind dried fruit, spices, coffee, plaster of paris, whitening, soap stone, white lead, salaratus, cream of tartar, etc. etc.

Persons wishing mills for any of the above purposes, will do well to examine this before purchasing, as it has many advantages over those now in use. The quality of the work performed by this mill, and its great durability, (lasting a life time,) ought to commend it to those who have so often been deceived in purchasing IRON MILLS.

**MIDDINGS.**—No Mill can be compared to the "Excelsior" for grinding middlings, and owners of mills would save the price of it in a few months by purchasing one for this kind of work; by many experienced men it is pronounced superior to the ordinary flat stone mill for general milling purposes, as it will do an equal amount of work, equally well with one-third less power; and is much more easily handled and kept in good working order.

**MEAL.**—for ordinary domestic purposes, can be ground with this mill, in great perfection, and very rapidly, as also the coarser grades for feed.

**FEED.**—As a feed mill we challenge comparison with any in use, both as to quality and quantity of the work. The advantages of the construction of the conical grinder and divided shell herein described, are that the mill grinds the best flour or the coarsest feed by a turn of the adjusting screw; that it heats the meal less than the flat stone mill; that it can be taken a part and dressed by a person of ordinary intelligence; that it can be operated with less power than any other mill of equal capacity; that it is more compact, simple, and less liable to get out of order than any other mill now before the public—advantages that will be appreciated by all who have used mills that are complicated in construction, and that require the attendance of a practical and experienced miller or mill-wright to put them in order. From actual experiment we are prepared to say, that with one horse three bushels of fine Indian meal per hour can be ground from the hardest corn, which is equal to the work of a four-and-a-half feet flat stone mill, under an eight feet head of water, on a horizontal wheel. Two horses, with Sanford's new patented "Anti-friction Horse Power," will grind with this mill five bushels meal the hour.

The mill can be run up to one thousand revolutions per minute, which is the most economical rate of speed for our mill, grinding from five to seven bushels fine meal the hour, and of feed eight to fourteen bushels, according to fineness. Four to five horse steam power will drive the small mill to its utmost capacity, and six to seven is sufficient to run our large flouring mill to the greatest speed required.

From 1500 to 3000 bushels of corn can be ground with the mills as we deliver them, without dressing them, after which any intelligent man can put in the same dressing, in a few hours by using a sharp stick.

The farm mill is 36 inches long, 18 wide and 18 high, and weighs 300 lbs. The box containing the bolt is three feet square.

Persons ordering mills should state the kind of work they wish them to perform, and if more than one kind, which will be the principal grain ground. It is also very important that we should know the kind of power to be employed in driving them, that we may send a mill perfectly adapted to the power and work.

**THE PRICES** are as follows:—Corn Meal and Feed Mill, \$105; Flouring Mill, same size, without Bolt, \$105; Flouring Mill with our improved Bolt, \$140; Flouring Mill with Miller's Bolt, \$150; Large size Flouring Mill without Bolt, \$170. Our terms are Cash on delivery in this city. Letters requiring further information addressed to the undersigned will meet with prompt attention.

**P. L. CARMAN & Co., Madison, Wisconsin.**

Near Milwaukee & Mississippi R. R. Depot.



# PEELER'S PATENT PLOW.

1. It merits, as a plow are various; among which may be noted,—(1) its capacity to carry, at the same time, with the same team and same plowman, *two blades*; one to turn the soil, and the other to *subsoil* to any required depth;—(2) its adaptability to carry any kind of blade, turning right or left; a bull tongue for deep culture, a shovel or a sweep, for *breadth* of culture; a garden blade for preparing garden soil, and all these of any required size, shape, pattern or weight; and each kind of blade can be taken off, and another kind put on the stock in two or three seconds, thus converting it into a new plow, of a different kind and for different uses, at the will of the operator, almost instantly; and in connection with any of the above mentioned blades, it carries a subsoil blade, (taken off at will,) that will cut, if necessary, 20 inches in depth, without turning up the soil;—(3) the construction of the stock is so simple, without a mortice, screw or nail, fastened in all its parts by five little iron bolts, that it can be taken all to pieces in three minutes, and any one part detached from all other parts, for purposes of repair or renewal;—(4) it is so simple in its mechanism, that a boy twelve years old, with a hatchet, auger and saw can make the woodwork in half an hour, rough perhaps, but securely; and any blacksmith, who can turn a horse shoe, can make all the rest;—(5) it is the cheapest plow, having reference to the variety of work it can be made to do, that ever was constructed. These are some of its merits.

2. It is believed that a saving of \$3 to \$5 on each plow can be gained by using this plow, over any other now in use. If this be true, then as the State of Missouri keeps and uses about 300,000 plows, one third, or more, of which are renewed every year; the adoption generally, of this patent, would make an annual saving to the planting interests of the State, of about *half a million of dollars*—enough to pay the State taxes each year.

3. As an economical arrangement, and as benefiting the country, the *Missouri Republican* newspaper remarked, after a public exhibition: "Men can't live without bread. Bread can't be got without the plow. Plows can't be had without money or labor. That style of plow which combines the *greatest efficiency* with the *least outlay*, is the greatest benefaction to the world. PEELER'S invention has carried cheapness, simplicity and varied usefulness to the utmost verge of the possible." Such is the testimony borne by a very competent judge, who was present at the exhibition of the plowing capacities of the Peeler plow.

4. In reply to all suggestions and enquiries, it may be

remarked, it is the principle of the *attachments and fastenings*, and the *form of the stock* that are patented—not the size, or shape, or curvature, or thickness, or length of blades or parts. And any blade, ever made, or ever may be made, can be readily adjusted to this stock, and worked on this principle.

5. A man may make a plow on this plan, that thirty oxen may plow with, and have enough to draw; he may turn the soil, and break the sub-soil to a depth of forty inches; or he may make a plow on the same principle just large enough for a twoyear old mule colt to draw. Every man's taste may be consulted; every man's soil may be stirred; prairie or alluvial, or rocky, or rooty and stumpy land; it matters not. Order a plow blade to suit, and the stock will carry it, and twenty others, one at a time, in connection with the sub-soil blade, or not, as one pleases.

6. Messrs. Kingsland & Ferguson, of this city, manufacture the plow, and fill orders addressed to them. Up to this time they have found it impossible to keep pace with the demand.

7. I have been informed that there is a profit to the manufacturers at the prices now published, on each plow stock and set of blades, of about \$5 00. Now, assuming these plows come into general use, (of which there can hardly be a doubt,) and supposing a county run, say 4,000 plows, then the manufacturer's profits, on such a trade, supplying one-third of that number a year, would amount to, say, \$1,000 to \$6,000. From this rough estimate, it will be seen that County Rights are very important privileges. A most profitable business can be thus created; and one which would be as certain and remunerative as any other business, and perhaps more so; *men must have plows*.

8. County Rights are sold by classification of counties, according to size, wealth, population, and accessibility, or facilities for market. First class counties are sold at \$1,500; second class, \$1,200; third class, \$1,000; fourth class, \$800, and fifth class, \$600. Terms—One-third cash; one-third at twelve months; and one-third at two years, without interest. For the *cash payment*, a note, *so endorsed*, as to be discountable in bank, will be accepted, running ninety days. Many counties have been sold; within ten days, at least fifty counties have been applied for; and bargains have been repeatedly made by *telegraph*, after parties have tried the plow. One wealthy firm of plow manufacturers contracted for twelve counties.

April 13, 1860, St. Louis, Mo.

## Schedule of Prices of the Peeler Plow.

Stock, with its bars, bolts and clevis,	\$2 75
Attachment to subsoil with the same hand and team, and at the same time he is using turning the plow,	90
Large two-horse blade, turning to right or left, steel,	2 50
Small do do do do do do	1 75
One-horse do do do do do do	1 35
One-horse garden blade, turning to right or left, steel,	1 25
Sub-soil blade, cutting from 18 to 24 inches	1 00
Cultivating sweep blade, cutting from 18 to 24 inches,	1 50
Shovel blade, steel,	1 40
Bull-tongue, steel,	75

J. W. TUCKER, Attorney for Patentee,  
Saint Louis, Mo.

WAKELY & VILAS, Attorneys for Wisconsin,  
Madison, Wisconsin.

Who will attend to selling County and Manufacturer's rights, &c. 11 lt

NOTE.—The above Plow is really a novelty in its way, and if it works in our soils as well as represented, its adoption will prove a great economy in agriculture. It will be on exhibition exhibition and trial at the State Fair.—ED. FAR.

# WISCONSIN FARMER



VOL. 12.

MADISON, OCTOBER 1, 1860.

NO. 12.

## The Wisconsin Farmer,

A MONTHLY JOURNAL,

Devoted to Agriculture, Horticulture, &c

PUBLISHED BY D. J. POWERS & Co.

TERMS OF SUBSCRIPTION.—Single Copies, \$1 per year—  
Seven Copies, \$6—Ten Copies, \$8—Fifteen Copies, \$12—  
Twenty Copies, \$15, and one to the Agent.

### RATES OF ADVERTISING IN THE FARMER.

NO. INSERTIONS.	1	2	3	4	5	6	7	8	9	10	11	12
12 lines or 1 sqr	\$2	3	4	5	6	7	8	9	10	11	12	13
2 "	3	4	5	6	7	8	9	10	11	12	13	14
3 "	4	5	6	7	8	9	10	11	12	13	14	15
4 "	5	6	7	8	9	10	11	12	13	14	15	16
5 "	6	7	8	9	10	11	12	13	14	15	16	17
6 "	7	8	9	10	11	12	13	14	15	16	17	18
7 "	8	9	10	11	12	13	14	15	16	17	18	19
8 "	9	10	11	12	13	14	15	16	17	18	19	20
9 "	10	11	12	13	14	15	16	17	18	19	20	21
10 "	11	12	13	14	15	16	17	18	19	20	21	22
11 "	12	13	14	15	16	17	18	19	20	21	22	23
12 "	13	14	15	16	17	18	19	20	21	22	23	24
13 "	14	15	16	17	18	19	20	21	22	23	24	25
14 "	15	16	17	18	19	20	21	22	23	24	25	26
15 "	16	17	18	19	20	21	22	23	24	25	26	27
16 "	17	18	19	20	21	22	23	24	25	26	27	28
17 "	18	19	20	21	22	23	24	25	26	27	28	29
18 "	19	20	21	22	23	24	25	26	27	28	29	30
19 "	20	21	22	23	24	25	26	27	28	29	30	31
20 "	21	22	23	24	25	26	27	28	29	30	31	32
21 "	22	23	24	25	26	27	28	29	30	31	32	33
22 "	23	24	25	26	27	28	29	30	31	32	33	34
23 "	24	25	26	27	28	29	30	31	32	33	34	35
24 "	25	26	27	28	29	30	31	32	33	34	35	36
25 "	26	27	28	29	30	31	32	33	34	35	36	37
26 "	27	28	29	30	31	32	33	34	35	36	37	38
27 "	28	29	30	31	32	33	34	35	36	37	38	39
28 "	29	30	31	32	33	34	35	36	37	38	39	40
29 "	30	31	32	33	34	35	36	37	38	39	40	41
30 "	31	32	33	34	35	36	37	38	39	40	41	42
31 "	32	33	34	35	36	37	38	39	40	41	42	43
32 "	33	34	35	36	37	38	39	40	41	42	43	44
33 "	34	35	36	37	38	39	40	41	42	43	44	45
34 "	35	36	37	38	39	40	41	42	43	44	45	46
35 "	36	37	38	39	40	41	42	43	44	45	46	47
36 "	37	38	39	40	41	42	43	44	45	46	47	48
37 "	38	39	40	41	42	43	44	45	46	47	48	49
38 "	39	40	41	42	43	44	45	46	47	48	49	50
39 "	40	41	42	43	44	45	46	47	48	49	50	51
40 "	41	42	43	44	45	46	47	48	49	50	51	52
41 "	42	43	44	45	46	47	48	49	50	51	52	53
42 "	43	44	45	46	47	48	49	50	51	52	53	54
43 "	44	45	46	47	48	49	50	51	52	53	54	55
44 "	45	46	47	48	49	50	51	52	53	54	55	56
45 "	46	47	48	49	50	51	52	53	54	55	56	57
46 "	47	48	49	50	51	52	53	54	55	56	57	58
47 "	48	49	50	51	52	53	54	55	56	57	58	59
48 "	49	50	51	52	53	54	55	56	57	58	59	60
49 "	50	51	52	53	54	55	56	57	58	59	60	61
50 "	51	52	53	54	55	56	57	58	59	60	61	62
51 "	52	53	54	55	56	57	58	59	60	61	62	63
52 "	53	54	55	56	57	58	59	60	61	62	63	64
53 "	54	55	56	57	58	59	60	61	62	63	64	65
54 "	55	56	57	58	59	60	61	62	63	64	65	66
55 "	56	57	58	59	60	61	62	63	64	65	66	67
56 "	57	58	59	60	61	62	63	64	65	66	67	68
57 "	58	59	60	61	62	63	64	65	66	67	68	69
58 "	59	60	61	62	63	64	65	66	67	68	69	70
59 "	60	61	62	63	64	65	66	67	68	69	70	71
60 "	61	62	63	64	65	66	67	68	69	70	71	72
61 "	62	63	64	65	66	67	68	69	70	71	72	73
62 "	63	64	65	66	67	68	69	70	71	72	73	74
63 "	64	65	66	67	68	69	70	71	72	73	74	75
64 "	65	66	67	68	69	70	71	72	73	74	75	76
65 "	66	67	68	69	70	71	72	73	74	75	76	77
66 "	67	68	69	70	71	72	73	74	75	76	77	78
67 "	68	69	70	71	72	73	74	75	76	77	78	79
68 "	69	70	71	72	73	74	75	76	77	78	79	80
69 "	70	71	72	73	74	75	76	77	78	79	80	81
70 "	71	72	73	74	75	76	77	78	79	80	81	82
71 "	72	73	74	75	76	77	78	79	80	81	82	83
72 "	73	74	75	76	77	78	79	80	81	82	83	84
73 "	74	75	76	77	78	79	80	81	82	83	84	85
74 "	75	76	77	78	79	80	81	82	83	84	85	86
75 "	76	77	78	79	80	81	82	83	84	85	86	87
76 "	77	78	79	80	81	82	83	84	85	86	87	88
77 "	78	79	80	81	82	83	84	85	86	87	88	89
78 "	79	80	81	82	83	84	85	86	87	88	89	90
79 "	80	81	82	83	84	85	86	87	88	89	90	91
80 "	81	82	83	84	85	86	87	88	89	90	91	92
81 "	82	83	84	85	86	87	88	89	90	91	92	93
82 "	83	84	85	86	87	88	89	90	91	92	93	94
83 "	84	85	86	87	88	89	90	91	92	93	94	95
84 "	85	86	87	88	89	90	91	92	93	94	95	96
85 "	86	87	88	89	90	91	92	93	94	95	96	97
86 "	87	88	89	90	91	92	93	94	95	96	97	98
87 "	88	89	90	91	92	93	94	95	96	97	98	99
88 "	89	90	91	92	93	94	95	96	97	98	99	100
89 "	90	91	92	93	94	95	96	97	98	99	100	101
90 "	91	92	93	94	95	96	97	98	99	100	101	102
91 "	92	93	94	95	96	97	98	99	100	101	102	103
92 "	93	94	95	96	97	98	99	100	101	102	103	104
93 "	94	95	96	97	98	99	100	101	102	103	104	105
94 "	95	96	97	98	99	100	101	102	103	104	105	106
95 "	96	97	98	99	100	101	102	103	104	105	106	107
96 "	97	98	99	100	101	102	103	104	105	106	107	108
97 "	98	99	100	101	102	103	104	105	106	107	108	109
98 "	99	100	101	102	103	104	105	106	107	108	109	110
99 "	100	101	102	103	104	105	106	107	108	109	110	111
100 "	101	102	103	104	105	106	107	108	109	110	111	112

## Milwaukee Mutual FIRE INSURANCE COMPANY!

CAPITAL, \$100,000.

OFFICE, NOS. 3 & 4, MARTIN'S BLOCK.

MILWAUKEE, - - - - - WISCONSIN.

The Oldest Company in the State?

As only isolated dwellings and barns, with their contents are insured, (no risks being taken on stores, taverns, mills, shops, &c.) Farmers are presented with an unequally safe and cheap means of insurance.

### DIRECTORS:

S. S. DAGGETT, A. GREULICH, J. H. VAN DYKE,  
E. CRAMER, E. D. HOLTON, H. FEES, Jr.,  
H. L. PALMER, G. BARRY, J. B. MARTIN.

P. B. HILL, Secretary, S. S. DAGGETT, President.  
J. B. MARTIN, Vice Pres't. M. L. SKINNER, Office Agt

Those desiring insurance on conferring with any authorized Agent in their vicinity, if any, or by writing to the Office Agent, giving a description of the property to be insured, will meet with prompt attention. [May 1857.]

## Hosford & Seely,

Manufacturers and Dealers in all kinds of

SASH, DOORS AND BLINDS.

ORDERS FROM THE COUNTRY PROMPTLY ATTENDED TO. Canal Water Power, Second Ward, Milwaukee, Wisconsin.

J. W. HOSFORD,.....L. SEELEY.

## The Best Farmer's Library in the State—Every well-posted Man should have it.

The Five Volumes of the *Wisconsin Farmer*, ending with this year, bound complete in Library style for \$100 per vol. In cheaper covers at 80 cents, or \$4 per set.—These volumes refer to and embrace many thousand subjects of the highest interest to every farmer, gardener, and out-of-door business man in the State.

Their full and complete indexes enable the easy finding of any and all subjects; and by the way it is hard to find a subject within their range that is not extensively and clearly treated. They are an invaluable encyclopedia and dictionary of Western Agriculture that every farmer should secure while they can be had. Farmers who wish cheap and good libraries of reference and reading, examine them. Those having parts of sets can usually have them filled up and bound in uniform style, at our usually low price of 40 cents per copy.

We shall have sets on exhibition at the State Fair.

D. J. POWERS & CO.

## Vine Hill Nurseries

'76 Place, Madison.

PLUMB, WILLEY & CO.

New Select List of hardy, fine-rooted Apple Trees, also Evergreens, Vines, Shrubs, Plants, and Fruit Trees,

In variety, at wholesale and retail. See new Descriptive Trade List. Packing done in the best possible manner. Orders solicited.

Free Catalogue sent on application.

In offering our second annual Trade List and Catalogue to the public in the above new name and connection, we come before you with increased facilities and strength for the labors and responsibilities of our business. Having now associated with us, as an active partner, O. S. WILLEY, formerly of the *Rock County Nurseries*, Janesville, Wis., we have, thereby, largely increased, not only our stock of fruits, but chiefly in the ornamental and evergreen department, and we are prepared to furnish almost everything desired in that way, though not all enumerated within. J. C. P. & Co.

We have some most encouraging letters from those who bought largely of our young stock last spring.

PLUMB, WILLEY & CO.

## Stock Bucks.

## CONTENTS OF THIS NUMBER.

Great need of Wisconsin.....	293
Great yield of wheat.....	295
Boy inventor.....	295
Rabies or hydrophobia.....	296
The wheat crop in Sauk.....	297
Lumber trade.....	297
Recipes.....	297
Housekeeping at a premium.....	298
Iron mountain.....	298
Night air.....	298
Scientific vs. classical education.....	299
Valuable recipe.....	300
Peas.....	300
Be careful with the machines.....	300
How to treat the bite of a dog.....	300
Clean your wheat.....	301
Inventions wanted in Texas.....	301
Timothy meadows.....	302

### MECHANICAL.

The caloric engine.....	302
Inventions by women.....	304
Our sewing machines in Europe.....	304
Milking by machinery.....	304
Machinery for woman's work.....	304
To keep tires tight.....	306
New inventions.....	306

### STOCK REGISTER.

Rock county vs. Dane.....	306
Vermont horses for Napoleon.....	306
Fatten hogs early.....	307
Harford county ox.....	307
Spanish fleece.....	307
Wool trade.....	307
Working cattle vs. horses.....	308
The weight of hay for sheep.....	309

### HORTICULTURAL.

Fruit growers association.....	310
A new wonder.....	310
Fruit in Michigan.....	311
The yellow locust.....	311
Wisconsin Farmer.....	311
Texas clay for Queen's ware.....	311

### HOME CIRCLE.

For a that.....	312
Machines for women.....	312

### FOR THE CHILDREN.

The lion's ride.....	313
Youth at agricultural fairs.....	313

### MISCELLANEOUS.

The crops in Wisconsin.....	314
New process of refining sugar.....	314
The length of human life.....	315
Pigeon trade of Michigan.....	315
Yellow skin in the west.....	316
Cheap roofs.....	316
Too much land.....	317
New pump.....	317
Forage in the south.....	318
Hints about threshing.....	318
Cheap paint.....	318
Petrified trees.....	319
Sleep.....	319

### EDITOR'S TABLE

The crops.....	319
State Fair.....	320
Scarcity of fodder.....	322
Agricultural machinery at the State Fair.....	323
Address at State Fair.....	323
Suffolk pigs.....	323
Arrangements to Farmer.....	323
Admission to State Fair.....	324
Why do onions grow to scullions.....	324
Market for our bread stuffs.....	324
Attending the State Fair.....	324

### ADVERTISEMENT NOTICES.

See Menges and Bartels' advertisement.—They have been receiving large quantities of new goods expressly for sale during the *Sta's Fair*. All who wish to make purchases while in Madison will do well to call on them.

Their goods are all new and of the *newest* styles, and they are bound to sell cheap to get established in business. When they have been in trade as long they may get to sell as dear as their older neighbors. Find them in the U. S. Block.

Fuller's Daguerrean Gallery—the very best, without exception, west of Lake Michigan. He can almost make homely folks look handsome (but not quite.) Call on him during the Fair, by all means. U. S. Block next door to Menges & Bartels.

P. L. Carman & Co., our enterprising Machine Agents for Central Wisconsin, will exhibit largely at the Fair, many of the first class leading articles of the day. Look them up and make their acquaintance *sure*.

See advertisement of Howe's Scales, they appear to be a tip top article, equal, perhaps better than Fairbanks'.

See card of Tullis' Commercial College.—It is the best school for a young man to acquire a thorough business and commercial education in the whole West. This is a well-established fact.

Read the advertisement of Wm. R. Prince, of Flushing, N. Y.

Plumb, Willey & Co., of the well known '76 Nursery, appear with new name, new firm, and by their catalogue just published, we should judge they had a very fine collection of new nursery stock. Owing to going to press earlier than usual their advertisement came to hand too late for this number. Our readers will hear from them more extensively in our next.—Meanwhile send for their illustrated priced catalogue, and see if there is not something you all ought to plant. We learn that they are to have specimens of their own trees at the State Fair.

## Extraordinary Attraction

FOR THE

## State Fair.

The exhibition of Mr. WIARD'S

*STEAM ICE CAR,*

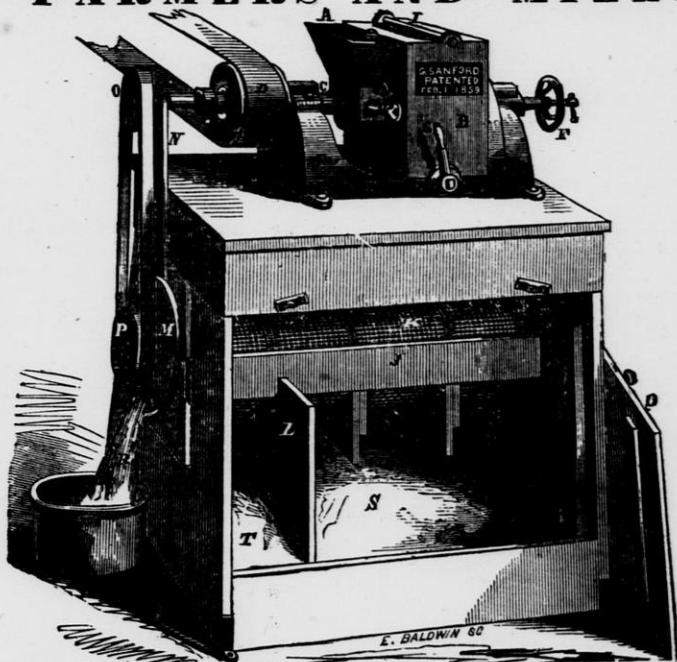
and its accompanying

*STEAM CALIOPE,*

will undoubtedly be seen and heard by every person visiting Madison during the Fair. The facility with which Mr. Wiard handles this *enormous machine*, bringing it first from New York, over *ten different railroads*, to Prairie du Chien, and now again to Madison, goes far to establish that he can control and handle it on its own proper element, *ice*. It is the most elaborate and expensive machine ever brought into Wisconsin, and the "vast consequences that must flow from its success must command the attention of the people of the Northwest, where rivers are frozen over, and towns and cities isolated by Jack Frost for so large a part of every year." The powerful steam caliope, attached during the State Fair, while discouraging popular music, communicates a shock to the nerves like electricity, and vibrates the atmosphere for a distance of fifteen miles.



# EXCELSIOR MILL, FOR FARMERS AND MILLERS.



**P. L. CARMAN & Co., Madison, Sole Agents for Wisconsin.**

THIS MILL, invented by Mr. G. Sanford, is now on exhibition, and for sale at the Agency above; and although it has been patented but a few months, has gained a wide and enviable reputation as a Flouring Corn and Feed Mill. It is also adapted to grind dried fruit, spices, coffee, plaster of paris, whiting, soap stone, white lead, salaratus, cream of tartar, etc. etc. Persons wishing mills for any of the above purposes, will do well to examine this before purchasing, as it has many advantages over those now in use. The quality of the work performed by this mill, and its great durability, (lasting a life time,) ought to commend it to those who have so often been deceived in purchasing IRON MILLS.

**MIDDINGS.**—No Mill can be compared to the "Excelsior" for grinding middings, and owners of mills would save the price of it in a few months by purchasing one for this kind of work; by many experienced men it is pronounced superior to the ordinary flat stone mill for general milling purposes, as it will do an equal amount of work, equally well with one-third less power; and is much more easily handled and kept in good working order.

**MEAL.**—for ordinary domestic purposes, can be ground with this mill, in great perfection, and very rapidly, as also the coarser grades for feed.

**FEED.**—As a feed mill we challenge comparison with any in use, both as to quality and quantity of the work. The advantages of the construction of the conical grinder and divided shell herein described, are that the mill grinds the best flour or the coarsest feed by a turn of the adjusting screw; that it heats the meal less than the flat stone mill; that it can be taken a part and dressed by a person of ordinary intelligence; that it can be operated with less power than any other mill of equal capacity; that it is more compact, simple, and less liable to get out of order than any other mill now before the public—advantages that will be appreciated by all who have used mills that are complicated in construction, and that require the attendance of a practical and experienced miller or mill-wright to put them in order. From actual experiment we are prepared to say, that with one horse three bushels of fine Indian meal per hour can be ground from the hardest corn, which is equal to the work of a four-and-a-half feet flat stone mill, under an eight feet head of water, on a horizontal wheel. Two horses, with Sanford's new patented "Anti-friction Horse Power," will grind with this mill five bushels meal the hour.

The mill can be run up to one thousand revolutions per minute, which is the most economical rate of speed for our mill, grinding from five to seven bushels fine meal the hour, and of feed eight to fourteen bushels, according to fineness. Four to five horse steam power will drive the small mill to its utmost capacity, and six to seven is sufficient to run our large flouring mill to the greatest speed required.

From 1500 to 3000 bushels of corn can be ground with the mills as we deliver them, without dressing them, after which any intelligent man can put in the same dressing, in a few hours by using a sharp stick.

The farm mill is 35 inches long, 18 wide and 18 high, and weighs 300 lbs. The box containing the bolt is three feet square.

Persons ordering mills should state the kind of work they wish them to perform, and if more than one kind, which will be the principal grain ground. It is also very important that we should know the kind of power to be employed in driving them, that we may send a mill perfectly adapted to the power and work.

**THE PRICES** are as follows:—Corn Meal and Feed Mill, \$105; Flouring Mill, same size, without Bolt, \$105; Flouring Mill with our improved Bolt, \$140; Flouring Mill with Miller's Bolt, \$150; Largest Flouring Mill without Bolt, \$170. Our terms are Cash on delivery in this city. Letters requiring further information addressed to the undersigned will meet with prompt attention.

**P. L. CARMAN & Co., Madison, Wisconsin.**  
Near Milwaukee & Mississippi R. R. Depo

## SUGAR CANE MILLS.

WE WOULD SAY to those in need of the foregoing article, that we are making a Mill that does excellent work, and that *we will warrant not to break*, with any reasonable use. We have exerted the full power of two good horses upon it and found it ample to stand the pressure.

Therefore we are ready to warrant them to the fullest extent in season.

They are a plain, stout, upright three roller mill, 10 inch diameter, 2½ inch wrought iron driving shaft. Boxes all Babbitted, so that the journals run easy under the greatest pressure. Run six canes at once; and adjustable weighted *safe guard Levers* upon the finishing rollers; you can press the cane just as dry of juice as your conscience will let you.

The *adjustable weighted Levers* render it impossible to break anything about the mill without the grossest carelessness.

They will be on exhibition at the State Fair, and we have the fullest faith that they will be found as good *if not better* than anything else going.

We are now turning them out and selling them rapidly, and will fill all orders for them as fast as possible. Usually can furnish them in from four days' to one week's notice.

Price, delivered on the cars complete to run, except lever and wooden platform to set them on, \$70—one half cash, balance in 60 to 90 days, with ten per cent interest. Five per cent deducted on last payment for cash.

D. J. POWERS, & CO.,

Madison, Wisconsin.

## COOK'S PORTABLE



## SUGAR EVAPORATOR.

*The only Successful Evaporator! Has always taken the First Premiums wherever exhibited.*

**It is the only one which made Sugar of the Crop of 1859.**

COOK'S EVAPORATOR	is the only one of "all the train" which has ever made Sorghum Sugar!
COOK'S EVAPORATOR	is the only one which defecates without lime and other chemicals!
COOK'S EVAPORATOR	is the only one which can remove the gums which prevent the crystallization!
COOK'S EVAPORATOR	is the only one which has a right to use a running stream controlled by ledges!
COOK'S EVAPORATOR	is the only one which renders scorching of the syrup impossible!
COOK'S EVAPORATOR	is the only one which has the right to motion in the pan, or to an inclined bottom to control the flow of juice!
COOK'S EVAPORATOR	is the only one which took a first premium at any National or State Fair in 1859, where it was exhibited!
COOK'S EVAPORATOR	is the only one which has met with unbounded success among the people!

### SHOP PRICES ETC. OF EVAPORATORS.

No. 2, Pan 45 by 72 inches, of Galvanized Iron,	\$45 00;	Same size, of Copper,	\$65 00
No. 3, " 45 by 90 "	" " 55 00;	" " " "	75 00
No. 4, " 45 by 108 "	" " 65 00;	" " " "	85 00

Weight, without Brick.

No. 2, 245 lbs.

No. 3, 280 lbs.

No. 4, 350 lbs.

Capacity for boiling good cane juice.

No. 2, about 2 brls. per hour.

No. 3, " 3 " "

No. 4, " 4 " "

Directions for using accompany each Evaporator.

Agents wanted to sell Cook's Evaporator in every large town in the State.

CRAWFORD SPEARS, Madison, Wis.

Care of D. J. POWERS, Farmer Office.

# WISCONSIN FARMER?



Vol. 12. MADISON, NOVEMBER 1, 1860. NO. 13.

**Best Farmer's Library in the State—Every well-posted Man should have it.**

Five Volumes of the *Wisconsin Farmer*, ending this year, bound complete in Library style for \$1.00 each. In cheaper covers at 80 cents, or \$4 per set.—The volumes refer to and embrace many thousand facts of the highest interest to every farmer, gardener and out-of-door business man in the State. Their full and complete indexes enable the easy finding of any and all subjects; and by the way it is hard to find a subject within their range that is not extensively and clearly treated. They are an invaluable encyclopedia and dictionary of Western Agriculture that every farmer should secure while they can be had. Farmers wish cheap and good libraries of reference and read—examine them. Those having parts of sets can usually have them filled up and bound in uniform style, at unusually low price of 40 cents per copy.

D. J. POWERS & CO.

**Vine Hill Nurseries**  
76 Place, Madison.  
PLUMB, WILLEY & CO.

Select List of hardy, fine-rooted Apple Trees, also Evergreens, Vines, Shrubs, Plants, and Fruit Trees,

variety, at wholesale and retail. See new descriptive Trade List. Packing done in the best possible manner. Orders solicited.

Priced Catalogue sent on application.

Offering our second annual Trade List and Catalogue to the public in the above new name and connection, we come before you with increased facilities and strength for the labors and responsibilities of our business. Having now associated with us, as an active partner, O. S. WILLEY, formerly of the *Rock County Nurseries*, Janesville, Wis., we have, thereby, largely increased, not only our stock of fruits, but chiefly in the ornamental and evergreen department, and we are prepared to furnish almost everything desired in that way, though not all enumerated within. J. C. P. & Co. We have some most encouraging letters from those who have bought largely of our young stock last spring.

PLUMB, WILLEY & CO.

## Stock Bucks.

**MATCHLESS and ROBERSON RICH**, the two celebrated Stock Bucks of the Spanish variety, bred by H. Hemminway, will be kept on his farm 3 miles west of Whitewater, where keeping will be furnished for those who wish to improve their stock of sheep season to commence as early as the 15th of October, and continue until the 15th of December. For proof of pure blood of said bucks, you are advised to view certain specimens where will be found specimens of their stock, for as a fixed fact among experienced breeders, that it is better to examine stock of a Buck than to rely wholly on the general appearance of the buck himself. I have young bucks which I have bred from "Matchless"—also from lambs by "Roberson Rich," from ewes got by "Matchless," that I will sell on reasonable terms. Payments made easy, is desirable. H. HEMMINWAY. WHITEWATER, Aug. 20th, 1860.

## The Wisconsin Farmer,

A MONTHLY JOURNAL,

Devoted to Agriculture, Horticulture, &c

PUBLISHED BY D. J. POWERS & Co.

TERMS OF SUBSCRIPTION:—Single Copies, \$1 per year—Seven Copies, \$6—Ten Copies, \$8—Fifteen Copies, \$12—Twenty Copies, \$15, and one to the Agent.

### RATES OF ADVERTISING IN THE FARMER.

NO. INSERTIONS.	1	2	3	4	5	6	7	8	9	10	11	12
12 lines or 1 sq	\$2	3	4	5	6	7	8	9	10	11	12	13
2 "	3	4	5	6	7	8	9	10	11	12	13	14
3 "	4	5	6	7	8	9	10	11	12	13	14	15
4 page or 4 "	7	10	13	16	19	22	25	28	31	34	37	40
5 "	7	12	15	19	22	26	29	33	36	39	42	45
6 "	8	12	17	21	25	29	33	37	41	45	49	52
7 "	9	14	19	24	29	34	38	43	47	52	56	60
8 page or 8 "	10	16	22	28	34	40	45	51	55	60	65	70
1 page,	15	25	35	45	52	60	68	76	82	88	94	100
1 page,	20	30	40	50	60	70	80	90	98	107	116	125



## CONTENTS OF THIS NUMBER.

The late State Fair.....	325
Cabbage, wintering of.....	328
Prosperity more dangerous than adversity.....	328
Coal oil and the manufactures connected with it.....	329
In proved farming needful.....	330
The damsel at the plow.....	331
The Canadian agricultural exhibition.....	331
Wisconsin agricultural and mechanical association.....	332
Rain on the roof.....	333
The cutting of weeds.....	333
Zouave companies.....	333
Deep plowing and muck.....	334
Put your buildings in order.....	334

## HORTICULTURAL.

Fruit growing.....	335
Annual exhibition of Wisconsin Fruit Growers Association.....	335
Is it worth grapes.....	335
Blue tree peddlars again.....	335
Butter for market.....	339
Use and abuse of implements.....	340
Domestic tools.....	341

## STOCK REGISTER.

Inflammation of the stomach of oxen.....	341
The wool trade.....	342
Spanish stock mules.....	342
Root cutters.....	342
Liquid manures.....	342

## MECHANICAL.

Wisconsin made willow ware.....	343
English cotton mills owned by operatives.....	344
Trial of a steam plow.....	344
Discovery of a new motor.....	344
Cook's evaporator.....	345
Silk manufacture in the United States.....	345

## MISCELLANEOUS.

The Wisconsin State Prison.....	345
Home manufactures in the west.....	346
The prize banner.....	347
Illinois state fair.....	347
Award of premiums at Wisconsin State Fair.....	348
Frauds in trade.....	354
Harvesters and mowers.....	354

## EDITOR'S TABLE

Noticeable articles at the Fair.....	345
Markets and Prices.....	346
Election.....	346
The Northwestern Agricultural Works.....	347
County society reports.....	347
The Fair and the Farmer.....	348

## ADVERTISEMENT NOTICES.

See advertisement of Northwestern Agricultural Works, on last page of cover.

Brown's Catalogue of Patents, will be found a valuable book of reference for all inventors. Send and get it. See his advertisement; he is our patent agent at Washington, and a first rate man for others to employ.

The Grove Nurseries of Dr. Kennicott will be found advertised in this number. He is sound and reliable in nursery matters.

Southdown Bucks advertised by A. G. Hanford, are doubtless good stock.

Photographs on Porcelain. See advertisement.

Mr. Stickney's advertisement of choice Grape Vines. He sent us some fine specimens of the Delaware Grape, as sweet and superb in flavor as possible. We hope they may become plenty among us.

Carriage Shop of J. F. Randolph See advertisement. He is a fine workman, sure.

See advertisement of Waukegan Nurseries of Robert Douglas.

We have forgotten whether we have called attention to the advertisement of Charles H. Hams' Short Horned Stock. It will be noticed that W. takes a due share of premiums. His stock is good and reliable for what it purports to be.

## MENDOTA FOUNDRY

Madison, Wisconsin,

IS IN A SHAPE TO DO ALL SORTS OF REPAIRS on Agricultural and other Machinery, on short notice. All work will be done well and at reasonable rates. Castings of all kinds made weekly. Patterns almost every description can be found at Foundry.

Old Castings bought at the highest market price. Extra Gearing for Reapers and Threshers, usually hand. Located on Lake Mendota, near Marston Store.

GOOD SECOND HAND THRESHING MACHINES for sale at the Mendota Foundry, at bargain that will suit those wishing to buy cheap machines.

Address Mendota Foundry, care of D. J. POWERS

10-12-

## HERRING'S PATENT

FIRE AND BURGLAR PROOF SAFE WITH HALL'S PATENT POWDER-PROOF LOCK. HAVE NEVER FAILED in more than three hundred disastrous Fires.

THE SAFEST AND BEST SAFE IN USE. Delivered at any Railroad Station in the United States or Canada, at the very lowest rate.

JAMES G. DUDLEY, Sole Agent, at 93 Main street, Buffalo, N. Y.

12 3]

## Thoro' Bred &amp; Short Horn

FOR SALE.

SEVERAL choice young BULLS and COWS thorough bred, and descended from the best stock Ohio and Kentucky. Those wishing to improve their stock can be provided with animals of undoubted pedigree and at reasonable prices.

CHAS. H. WILLIAMS Baraboo, Sauk Co., June 22, 1860. [12 9 3]

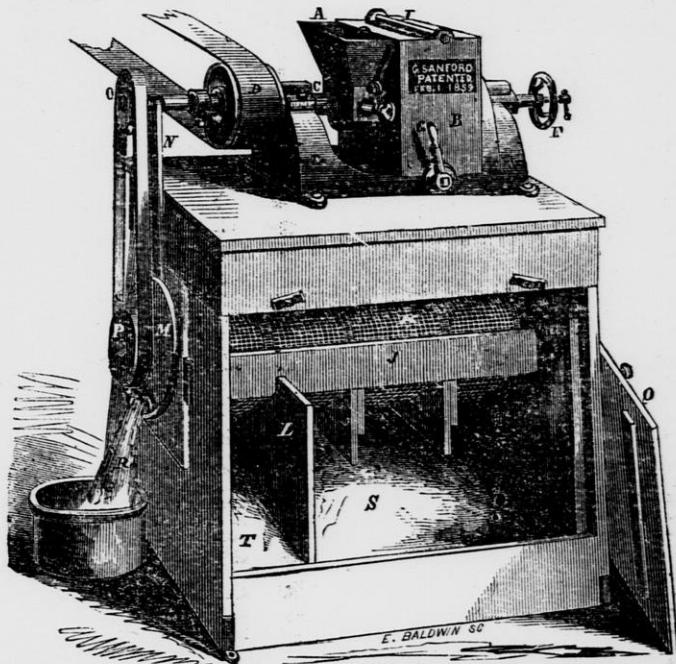
## Wm. R. PEIRCE &amp; CO., FLUSHING, N. Y.,

Offer their very extensive Catalogues to applicants who enclose stamps.

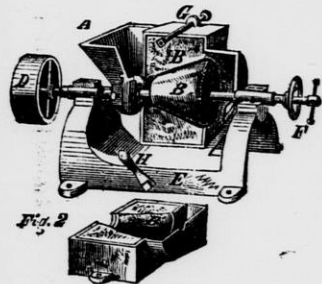
We have no Traveling Agents.

- No. 1, Fruit and Ornamental Trees and small Fruits.
- No. 2, Roses and Flowering Plants.
- No. 4, Wholesale Price-list for Nurseries.
- No. 5, Wholesale Vegetable and Tree Seeds.
- No. 6, Descriptive Catalogue of Strawberries, 100 varieties.
- No. 9, Bulbous Flowers—Pansies, Dahlias, &c.
- No. 10, Wholesale Price of same.
- No. 13, Green House Plants.
- No. 14, Grapes of 320 Native and 120 Foreign Varieties.
- strawberries, 250,000 Scarlet Magnolia Imperial Same.
- Wilson's Albion, &c. Fruit Trees, Small Fruits.
- Ornamental Trees. 1 evergreen Roses
- Stocks for Nurseries, Bulbous Roots Dahlias and See an immense stock of all kinds, in the finest condition and at lowest prices.

# EXCELSIOR MILL, FOR FARMERS AND MILLERS.



**P. L. CARMAN & Co., Madison, Sole Agents for Wisconsin.**



THIS MILL, invented by Mr. G. Sanford, is now on exhibition, and for sale at the Agency above; and although it has been patented but a few months, has gained a wide and enviable reputation as a Flouring Corn and Feed Mill. It is also adapted to grind dried fruit, spices, coffee, plaster for paris, whiting, soap stone, white lead, salaratus, cream of tartar, etc. etc. Persons wishing mills for any of the above purposes, will do well to examine this before purchasing, as it has many advantages over those now in use. The quality of the work performed by this mill, and its great durability, (lasting a life time,) ought to commend it to those who have so often been deceived in purchasing IRON MILLS.

**MIDDLLINGS.**—No Mill can be compared to the "Excelsior" for grinding middlings, and owners of mills would save the price of it in a few months by purchasing one for this kind of work; by many experienced men it is pronounced superior to the ordinary flat stone mill for general milling purposes, as it will do an equal amount of work, equally well with one-third less power; and is much more easily handled and kept in good working order.

**MEAL.**—for ordinary domestic purposes, can be ground with this mill, in great perfection, and very rapidly, as also the coarser grades for feed.

**FEED.**—As a feed mill we challenge comparison with any in use, both as to quality and quantity of the work. The advantages of the construction of the conical grinder and divided shell herein described, are that the mill grinds the best flour or the coarsest feed by a turn of the adjusting screw; that it heats the meal less than the flat stone mill; that it can be taken a part and dressed by a person of ordinary intelligence; that it can be operated with less power than any other mill of equal capacity; that it is more compact, simple, and less liable to get out of order than any other mill now before the public—advantages that will be appreciated by all who have used mills that are complicated in construction, and that require the attendance of a practical and experienced miller or mill-wright to put them in order. From actual experiment we are prepared to say, that with ONE HORSE three bushels of fine Indian meal per hour can be ground from the hardest corn, which is equal to the work of a four-and-a-half feet flat stone mill, under an eight feet ad of water, on a horizontal wheel. Two horses, with Sanford's new patented "Anti-friction Horse Power," will grind with this mill five bushels meal the hour.

The mill can be run up to one thousand revolutions per minute, which is the most economical rate of speed for our mill, grinding from five to seven bushels fine meal the hour, and of feed eight to fourteen bushels, according to fineness. Four to five horse steam power will drive the small mill to its utmost capacity, and six to seven is sufficient to run our large flouring mill to the greatest speed required.

From 1500 to 3000 bushels of corn can be ground with the mills as we deliver them, without dressing them, after which any intelligent man can put in the same dressing, in a few hours by using a sharp stick.

The farm mill is 33 inches long, 18 wide and 18 high, and weighs 300 lbs. The box containing the bolt is three feet square.

Persons ordering mills should state the kind of work they wish them to perform, and if more than one kind, which will be the principal grain ground. It is also very important that we should know the kind of power to be employed in driving them, that we may send a mill perfectly adapted to the power and work.

**THE PRICES** are as follows:—Corn Meal and Feed Mill, \$105; Flouring Mill, same size, without Bolt, \$105; Flouring Mill with our improved Bolt, \$140; Flouring Mill with Miller's Bolt, \$150; Largest size Flouring Mill without Bolt, \$170. Our terms are Cash on delivery in this city. Letters requiring further information addressed to the undersigned will meet with prompt attention.

**P. L. CARMAN & Co., Madison, Wisconsin.**  
Near Milwaukee & Mississippi R. R. Depo.

# North Western Agricultural Machine Works.

This establishment, located at Madison, Wisconsin,

Is embarking in the manufacture and sale of first class farm machinery, among which will be found the following articles:

## Sweep Horse Powers,

For two and four horses, made expressly for farm use, for driving light threshers, feed mills, feed and straw cutters, corn shellers, wood saws, &c.; weight about 1000 lbs; cash price of power jack wheels, pulley, and all complete, at Madison or Milwaukee, \$80. Horse power alone, without jack wheels, pulley, &c., \$55. For running straw cutters, corn shellers, and similar slow motions, the power without the extras is sufficient; but feed mills, wood saws, &c.; must have the extra geared motion.

## Feed Mills—Victory Patent Improved,

A first class article for grinding corn, oats, and other feed. Took the first premium at the late Wisconsin State Fair, and at all other fairs where it has been exhibited. It is all iron and steel, and is perfect in its workmanship. Its *Grinding Plates* are made separate from the mill, and can be renewed at any time for \$1—being actually less than a burr stone can be pecked and dressed. They are the very best *Porter Feed Mill* in existence. Price, with extra set of grinding surface \$50. These grinders are also made in combination with the *Horse Power*

## Climax Feed Cutter and Corn Sheller,

A first class machine for stock feeding farmers. The cutting machine will cut from one to two tons of feed per hour. The grinder will grind from ten to twenty bushels per hour, and do it in good style.

The *Corn Sheller*, upon the combined machine, is also a first class article; will shell as fast as the ears can be fed in, delivering the cobs upon one side and the corn upon the other, in the bag or bin.

The *Combined Grinder, Cutter, and Sheller*, complete, costs \$80. The *Feed Cutter* separate, \$55. The *Corn Sheller* separate, \$14; all warranted the best of their kind, either combined or separate.

The *COMBINED CLIMAX HAND AND HORSE POWER FEED CUTTER AND SHELLER* is a smaller machine, the same in general capacity as the *Climax* of last year although greatly improved. It is intended for middle class farmers who are not yet ready to buy the large machine for horse power alone. Price of the Improved *Climax Cutter and Sheller* combined, with *Root Cutter* attachment, \$38. Cutter alone without *Sheller*, \$32.

## The Automaton Grain Drill, Horse Rake, and Corn Planter combined.

This is a first class machine in all its departments. As a *Grain Drill* it has no equal; it combines all the latest improvements, of patent adjustable spring teeth, to avoid catching; of feeding apparatus, capable of ready and perfect adjustment, to sow an exact quantity; and also has the new and great improvement of *lifting its own teeth by the power of the horses*, one of the greatest *hard labor* saving improvements of the time. Any boy who can drive a team well, can easily handle the largest size of this Drill and do a man's work.

The *HORSE RAKE* is a simple and easy attachment, which can be put on in the place of the seed box and teeth in a few minutes, by which it becomes the simplest *Wheel Horse Rake* ever made. It can also be easily operated by a boy, and rake of hay or glean of grain fields, from twenty to thirty acres per day. The Drill is also capable of being easily and readily transformed into a first class

*DOUBLE CHECK ROW CORN PLANTER*, that will plant from sixteen to twenty acres per day, and do it exact with only one man to drive; never missing a hill at all when carefully handled.

The *Grain Drills* will be made and sold separately or in combination with either the *Rake* or *Planter*. or both as parties choose. Prices as follows: *Grain Drills* from \$50 to \$90, depending upon size; *Rake* attachment from \$8 to \$12, and raking from eight to twelve feet wide. The *Corn Planter* attachment \$10.

☞ All of the foregoing Machinery, and all others we make and sell, will always be understood to be warranted *first class*, both in *principle* and in *workmanship*, and always capable of performing what is claimed for them.

The foregoing prices are understood to be cash on delivery; and on all sums on which credit is given, ten per cent will be added.

First class agents are wanted at all the prominent locations in the State. Depot agents are usually excellent men for local business, and would be preferred. Good commissions will invariably be allowed, and all business matters made satisfactory to reasonable patrons or agents.

D. J. POWERS,

Superintendent of N. W. A. M. Co.

Madison, Wisconsin.

To whom all communications must be addressed.





VOL. 12. MADISON, DECEMBER 1, 1860. NO. 14.

PROSPECTUS FOR VOLUME XIII---1861.

**WISCONSIN FARMER,**

A MONTHLY JOURNAL, DEVOTED TO  
WESTERN AGRICULTURE, HORTICULTURE,  
MECHANIC ARTS, EDUCATION, &c., &c.

ILLUSTRATED WITH NUMEROUS ENGRAVINGS OF  
Buildings, Animals, Implements, Fruits, Improved Machinery, &c.,  
FORMING A CHOICE VOLUME OF ABOUT  
**FOUR HUNDRED PAGES ANNUALLY.**

The new volume for 1861 commences with the January number, and will in all respects fully equal its predecessors. No pains will be spared to make its contents reliable, and interesting to the Farmer in particular, and to all classes of business men. Its conductors are practical farmers, horticulturists and mechanics, and have the experience and determination to furnish the best magazine that the western farmer, gardener or horticulturist can obtain, while to the housewife and fireside it will always be a welcome visitor.

**TERMS:--Invariably in Advance.**

Single Copies, 1 year	\$ 1
Seven " "	6
Ten " "	8
Fifteen " "	12
Twenty " "	15
(and one to the Agent,)	

Those wishing to subscribe will confer a great favor by forwarding their subscriptions as early as possible, so that we may the better know with how large an edition to commence the new year.

Postmasters, old subscribers, and friends of agriculture everywhere, are requested to act as Agents. Specimen numbers and handbills sent free to all applicants.

*Agents and others remitting money should always be careful to send current bills, so that we shall not be under the necessity of returning it, or of losing the discount. Stamps may be sent for fractions of dollars.*

**CLUBBING WITH FIRST CLASS JOURNALS.**

We will furnish the following, for one year, for the sums stated:

New York Weekly Tribune, (\$2) and Farmer, both for.....	\$2 00
Atlantic Monthly, (\$3) and Farmer, both for.....	3 00
Life Illustrated (\$2) and Farmer, both for.....	2 00
Gardener's Monthly (\$1) and Farmer, both for.....	1 75
Weekly State Journal (\$1.50) and Farmer both for.....	2 00
Weekly State Journal (\$1.50), New York Weekly Tribune (\$2), and Farmer, all for.....	3 00

Address, **D. J. POWERS & CO.,** MADISON, WISCONSIN.

32. Publishers of newspapers will be furnished with the *Farmer* the same as last year.

**CONTENTS OF THIS NUMBER.**

Ten millions a year wasted by the farmers of Wisconsin, merely in bad feeding.....	359
Assessed valuation of Wisconsin.....	361
Address by L. P. Harvey at Oshkosh.....	362
A horse with the heaves.....	365
Death of Bellfounder.....	365

**MECHANICAL.**

A useful invention.....	366
Trial of steam fire engines at U. S. fair.....	366
Trial of reaping and mowing machines in France.....	367
How the cotton gin was invented.....	367
The steam plow.....	368
Suggestions on spading and digging machines.....	369

**MISCELLANEOUS.**

South Carolina farming.....	470
Death of Hiram A. Pitts.....	371
Wintering horses.....	371
Rotation of crops.....	371
Saving and using rough fodder.....	372
Fairs of 1860—national, state and county.....	373
The State Fair and the State Ag. Society.....	375
A fine fruit farm.....	382
Census of Wisconsin.....	383
Pork prospects.....	384
Wool markets.....	384
Norway spruce trees resuscitated.....	384
Extermination of rats.....	384
In and out of debt.....	385
Value of books.....	385
Thrashing machines.....	386
Wisconsin statistics.....	386
Fall and winter management of bees.....	387
Storing cabbages for winter.....	387
Beecher declines the D. D.....	388
An aged mule.....	388
A hardened villain.....	388

**EDITOR'S TABLE.**

Close of the year and volume.....	388
The right kind of talk.....	389
The Kirby Reaper.....	389
Notice to subscribers.....	390
Madison Mutual Ins. Co.....	390
Valedictory.....	391
Famine in Kansas.....	392
Farmers clubs.....	392
Choice tomatoes.....	393
The depression in prices.....	393
Binding the Farmer.....	394
Personal.....	394
Officers of the State Ag. Society.....	394
Meeting of the Ag. Society.....	395
Meeting of the Fruit growers.....	395

**ADVERTISEMENT NOTICES.**

**ROBERT W. FENWICK, PATENT AGENT.**—See card of this gentleman in our advertising columns. He is an old and experienced agent, and for years represented the house of Munn & Co. at the Capitol. Few men are more competent to attend to any patent business that may be entrusted to them. He only charges a single fee of \$25, for attending to cases even if rejected. This is only one-half what his old employers Munn & Co. charge for similar services.

Mr. Fenwick has done business for us, and always in an entirely satisfactory manner, hence we can confidently recommend him to others.

**THE NEW YORK TRIBUNE FOR 1861.**—See new prospectus; also our terms for clubbing with it. The low price at which it can be obtained certainly puts it within the reach of all.

**THE GARDENER'S MONTHLY.**—See advertisement of new volume; it is a sterling paper and should be read by all good gardeners and horticulturists, as well as by all who wish to become such.

# The Wisconsin Farmer,

A MONTHLY JOURNAL,

**Devoted to Agriculture, Horticulture, &c**

**PUBLISHED BY D. J. POWERS & Co.**

**TERMS OF SUBSCRIPTION.**—Single Copies, \$1 per year—Seven Copies, \$6—Ten Copies, \$8—Fifteen Copies, \$12—Twenty Copies, \$15, and one to the Agent.

**RATES OF ADVERTISING IN THE FARMER.**

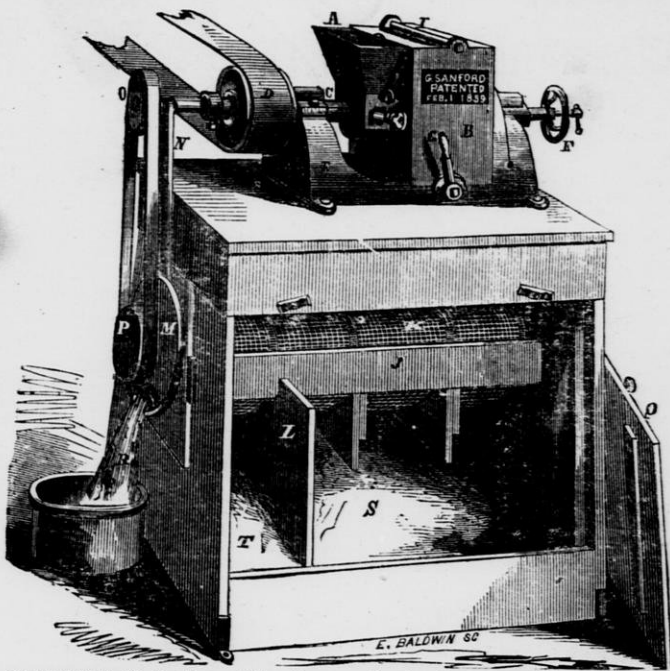
NO. INSERTIONS.	1	2	3	4	5	6	7	8	9	10	11	12
12 lines or 1 sqr	\$2	3	4	5	6	7	8	9	10	11	12	13
2 "	3	4	5	6	7	8	9	10	11	12	13	14
3 "	4	5	6	7	8	9	10	11	12	13	14	15
4 "	5	6	7	8	9	10	11	12	13	14	15	16
5 "	6	7	8	9	10	11	12	13	14	15	16	17
6 "	7	8	9	10	11	12	13	14	15	16	17	18
7 "	8	9	10	11	12	13	14	15	16	17	18	19
8 "	9	10	11	12	13	14	15	16	17	18	19	20
9 "	10	11	12	13	14	15	16	17	18	19	20	21
10 "	11	12	13	14	15	16	17	18	19	20	21	22
11 "	12	13	14	15	16	17	18	19	20	21	22	23
12 "	13	14	15	16	17	18	19	20	21	22	23	24
13 "	14	15	16	17	18	19	20	21	22	23	24	25
14 "	15	16	17	18	19	20	21	22	23	24	25	26
15 "	16	17	18	19	20	21	22	23	24	25	26	27
16 "	17	18	19	20	21	22	23	24	25	26	27	28
17 "	18	19	20	21	22	23	24	25	26	27	28	29
18 "	19	20	21	22	23	24	25	26	27	28	29	30
19 "	20	21	22	23	24	25	26	27	28	29	30	31
20 "	21	22	23	24	25	26	27	28	29	30	31	32
21 "	22	23	24	25	26	27	28	29	30	31	32	33
22 "	23	24	25	26	27	28	29	30	31	32	33	34
23 "	24	25	26	27	28	29	30	31	32	33	34	35
24 "	25	26	27	28	29	30	31	32	33	34	35	36
25 "	26	27	28	29	30	31	32	33	34	35	36	37
26 "	27	28	29	30	31	32	33	34	35	36	37	38
27 "	28	29	30	31	32	33	34	35	36	37	38	39
28 "	29	30	31	32	33	34	35	36	37	38	39	40
29 "	30	31	32	33	34	35	36	37	38	39	40	41
30 "	31	32	33	34	35	36	37	38	39	40	41	42
31 "	32	33	34	35	36	37	38	39	40	41	42	43
32 "	33	34	35	36	37	38	39	40	41	42	43	44
33 "	34	35	36	37	38	39	40	41	42	43	44	45
34 "	35	36	37	38	39	40	41	42	43	44	45	46
35 "	36	37	38	39	40	41	42	43	44	45	46	47
36 "	37	38	39	40	41	42	43	44	45	46	47	48
37 "	38	39	40	41	42	43	44	45	46	47	48	49
38 "	39	40	41	42	43	44	45	46	47	48	49	50
39 "	40	41	42	43	44	45	46	47	48	49	50	51
40 "	41	42	43	44	45	46	47	48	49	50	51	52
41 "	42	43	44	45	46	47	48	49	50	51	52	53
42 "	43	44	45	46	47	48	49	50	51	52	53	54
43 "	44	45	46	47	48	49	50	51	52	53	54	55
44 "	45	46	47	48	49	50	51	52	53	54	55	56
45 "	46	47	48	49	50	51	52	53	54	55	56	57
46 "	47	48	49	50	51	52	53	54	55	56	57	58
47 "	48	49	50	51	52	53	54	55	56	57	58	59
48 "	49	50	51	52	53	54	55	56	57	58	59	60
49 "	50	51	52	53	54	55	56	57	58	59	60	61
50 "	51	52	53	54	55	56	57	58	59	60	61	62
51 "	52	53	54	55	56	57	58	59	60	61	62	63
52 "	53	54	55	56	57	58	59	60	61	62	63	64
53 "	54	55	56	57	58	59	60	61	62	63	64	65
54 "	55	56	57	58	59	60	61	62	63	64	65	66
55 "	56	57	58	59	60	61	62	63	64	65	66	67
56 "	57	58	59	60	61	62	63	64	65	66	67	68
57 "	58	59	60	61	62	63	64	65	66	67	68	69
58 "	59	60	61	62	63	64	65	66	67	68	69	70
59 "	60	61	62	63	64	65	66	67	68	69	70	71
60 "	61	62	63	64	65	66	67	68	69	70	71	72
61 "	62	63	64	65	66	67	68	69	70	71	72	73
62 "	63	64	65	66	67	68	69	70	71	72	73	74
63 "	64	65	66	67	68	69	70	71	72	73	74	75
64 "	65	66	67	68	69	70	71	72	73	74	75	76
65 "	66	67	68	69	70	71	72	73	74	75	76	77
66 "	67	68	69	70	71	72	73	74	75	76	77	78
67 "	68	69	70	71	72	73	74	75	76	77	78	79
68 "	69	70	71	72	73	74	75	76	77	78	79	80
69 "	70	71	72	73	74	75	76	77	78	79	80	81
70 "	71	72	73	74	75	76	77	78	79	80	81	82
71 "	72	73	74	75	76	77	78	79	80	81	82	83
72 "	73	74	75	76	77	78	79	80	81	82	83	84
73 "	74	75	76	77	78	79	80	81	82	83	84	85
74 "	75	76	77	78	79	80	81	82	83	84	85	86
75 "	76	77	78	79	80	81	82	83	84	85	86	87
76 "	77	78	79	80	81	82	83	84	85	86	87	88
77 "	78	79	80	81	82	83	84	85	86	87	88	89
78 "	79	80	81	82	83	84	85	86	87	88	89	90
79 "	80	81	82	83	84	85	86	87	88	89	90	91
80 "	81	82	83	84	85	86	87	88	89	90	91	92
81 "	82	83	84	85	86	87	88	89	90	91	92	93
82 "	83	84	85	86	87	88	89	90	91	92	93	94
83 "	84	85	86	87	88	89	90	91	92	93	94	95
84 "	85	86	87	88	89	90	91	92	93	94	95	96
85 "	86	87	88	89	90	91	92	93	94	95	96	97
86 "	87	88	89	90	91	92	93	94	95	96	97	98
87 "	88	89	90	91	92	93	94	95	96	97	98	99
88 "	89	90	91	92	93	94	95	96	97	98	99	100
89 "	90	91	92	93	94	95	96	97	98	99	100	101
90 "	91	92	93	94	95	96	97	98	99	100	101	102
91 "	92	93	94	95	96	97	98	99	100	101	102	103
92 "	93	94	95	96	97	98	99	100	101	102	103	104
93 "	94	95	96	97	98	99	100	101	102	103	104	105
94 "	95	96	97	98	99	100	101	102	103	104	105	106
95 "	96	97	98	99	100	101	102	103	104	105	106	107
96 "	97	98	99	100	101	102	103	104	105	106	107	108
97 "	98	99	100	101	102	103	104	105	106	107	108	109
98 "	99	100	101	102	103	104	105	106	107	108	109	110
99 "	100	101	102	103	104	105	106	107	108	109	110	111
100 "	101	102	103	104	105	106	107	108	109	110	111	112

**Wm. R. PRINCE & CO.,**

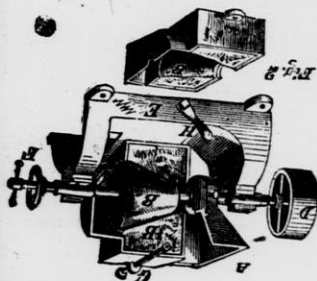
*FLUSHING, N. Y.,*

Offer their very extensive Catalogues to applicants who enclose stamps

# EXCELSIOR MILL, FOR FARMERS AND MILLERS.



**P. L. CARMAN & Co. Madison, Sole Agents for Wisconsin.**



THIS MILL, invented by Mr. G. Sanford, is now on exhibition, and for sale at the Agency above; and although it has been patented but a few months, has gained a wide and enviable reputation as a Flouring Corn and Feed Mill. It is also adapted to grind dried fruit, spices, coffee, plaster for paris, whitening, soap stone, white lead, salaratus, cream of tartar, etc. etc.

Persons wishing mills for any of the above purposes, will do well to examine this before purchasing, as it has many advantages over those now in use. The quality of the work performed by this mill, and its great durability, (lasting a life time,) ought to commend it to those who have so often been deceived in purchasing IRON MILLS.

**MIDDINGS.**—No Mill can be compared to the "Excelsior" for grinding middlings, and owners of mills would save the price of it in a few months by purchasing one for this kind of work; by many experienced men it is pronounced superior to the ordinary flat stone mill for general milling purposes, as it will do an equal amount of work, equally well with one-third less power; and is much more easily handled and kept in good working order.

**MEAL.**—for ordinary domestic purposes, can be ground with this mill, in great perfection, and very rapidly, as also the coarser grades for feed.

**FEED.**—As a feed mill we challenge comparison with any in use, both as to quality and quantity of the work. The advantages of the construction of the conical grinder and divided shell herein described, are that the mill grinds the best flour or the coarsest feed by a turn of the adjusting screw; that it heats the meal less than the flat stone mill; that it can be taken a part and dressed by a person of ordinary intelligence; that it can be operated with less power than any other mill of equal capacity; that it is more compact, simple, and less liable to get out of order than any other mill now before the public—advantages that will be appreciated by all who have used mills that are complicated in construction, and that require the attendance of a practical and experienced miller or mill-wright to put them in order. From actual experiment we are prepared to say, that with one horse three bushels of fine Indian meal per hour can be ground from the hardest corn, which is equal to the work of a four-and-a-half feet flat stone mill, under an eight feet head of water, on a horizontal wheel. Two horses, with Sanford's new patented "Anti-friction Horse Power," will grind with this mill five bushels meal the hour.

The mill can be run up to one thousand revolutions per minute, which is the most economical rate of speed for our mill, grinding from five to seven bushels fine meal the hour, and of feed eight to fourteen bushels, according to fineness. Four to five horse steam power will drive the small mill to its utmost capacity, and six to seven is sufficient to run our large flouring mill to the greatest speed required.

From 1500 to 3000 bushels of corn can be ground with the mills as we deliver them, without dressing them, after which any intelligent man can put in the same dressing, in a few hours by using a sharp stick.

The farm mill is 36 inches long, 18 wide and 18 high, and weighs 300 lbs. The box containing the bolt is three feet square.

Persons ordering mills should state the kind of work they wish them to perform, and if more than one kind; which will be the principal grain ground. It is also very important that we should know the kind of power to be employed in driving them, that we may send a mill perfectly adapted to the power and work.

**THE PRICES** are as follows:—Corn Meal and Feed Mill, \$105; Flouring Mill, same size, without Bolt, \$105; Flouring Mill with our improved Bolt, \$140; Flouring Mill with Miller's Bolt, \$150; Large size Flouring Mill without Bolt, \$170. Our terms are Cash on delivery in this city. Letters requiring further information addressed to the undersigned will meet with prompt attention.

**P. L. CARMAN & Co., Madison, Wisconsin.**  
Near Milwaukee & Mississippi R. R. Depot



# North Western Agricultural Machine Works.

This establishment, located at Madison, Wisconsin,

Is embarking in the manufacture and sale of first class farm machinery, among which will be found the following articles:

## Sweep Horse Powers,

For two and four horses, made expressly for farm use, for driving light threshers, feed mills, feed and straw cutters, corn shellers, wood saws, &c.; weight about 1000 lbs; cash price of power jack wheels, pulley, and all complete, at Madison or Milwaukee, \$80 Horse power alone, without jack wheels, pulley, &c., \$55. For running straw cutters, corn shellers, and similar slow motions, the power without the extras is sufficient; but feed mills, wood saws, &c., must have the extra geared motion.

## Feed Mills---Victory Patent Improved,

A first class article for grinding corn, oats, and other feed Took the first premium at the late Wisconsin State Fair, and at all other fairs where it has been exhibited. It is all iron and steel, and is perfect in its workmanship. Its Grinding Plates are made separate from the mill, and can be renewed, at any time for \$1---being actually less than a burr stone can be pecked and dressed. They are the very best Power Feed Mill in existence. Price, with extra set of grinding surface \$50. These grinders are also made in combination with the Horse Power

## Climax Feed Cutter and Corn Sheller,

A first class machine for stock feeding farmers. The cutting machine will cut from one to two tons of feed per hour. The grinder will grind from ten to twenty bushels per hour, and do it in good style.

The Corn Sheller, upon the combined machine, is also a first class article; will shell as fast as the ears can be fed in, delivering the cobs upon one side and the corn upon the other, in the bag or bin.

The Combined Grinder, Cutter and Sheller, complete, costs \$80 The Feed Cutter separate, \$55. The Corn Sheller separate, \$14; all warranted the best of their kind, either combined or separate.

THE COMBINED CLIMAX HAND AND HORSE POWER FEED CUTTER AND SHELLER is a smaller machine, the same in general capacity as the Climax of last year although greatly improved. It is intended for middle class farmers who are not yet ready to buy the large machine for horse power alone. Price of the Improved Climax Cutter and Sheller combined, with Root Cutter attachment, \$33. Cutter alone without Sheller, \$32.

## The Automaton Grain Drill, Horse Rake, and Corn Planter combined.

This is a first class machine in all its departments. As a Grain Drill it has no equal; it combines all the latest improvements, of patent adjustable spring teeth, to avoid catching; of feeding apparatus, capable of ready and perfect adjustment, to sow an exact quantity; and also has the new and great improvement of lifting its own teeth by the power of the horses, one of the greatest hard labor saving improvements of the time. Any boy who can drive a team well, can easily handle the largest size of this Drill and do a man's work.

THE HORSE RAKE is a simple and easy attachment, which can be put on in the place of the seed box and teeth in a few minutes, by which it becomes the simplest Whet Horse Rake ever made. It can also be easily operated by a boy, and rake off hay or glean of grain fields, from twenty to thirty acres per day. The Drill is also capable of being easily and readily transformed into a first class

DOUBLE CHECK ROW CORN PLANTER, that will plant from sixteen to twenty acres per day, and do it exact with only one man to drive; never missing a hill at all when carefully handled.

The Grain Drills will be made and sold separately or in combination with either the Rake or Planter or both as parties choose. Prices as follows: Grain Drills from \$50 to \$90, depending upon size; Rake attachment from \$8 to \$12, and raking from eight to twelve feet wide. The Corn Planter attachment \$10.

All of the foregoing Machinery, and all others we make and sell, will always be understood to be warranted first class, both in principle and in workmanship, and always capable of performing what is claimed for them.

The foregoing prices are understood to be cash on delivery; and on all sums on which credit is given, ten per cent will be added.

First class agents are wanted at all the prominent locations in the State. Depot agents are usually excellent men for local business, and would be preferred Good commissions will invariably be allowed, and all business matters made satisfactory to reasonable patrons or agents.

D. J. POWERS,

Superintendent of N. W. A. W. Co.

Madison, Wisconsin.

To whom all communications must be addressed.

