

OUR PRICES SELL OUR GOODS. WE HAVE NO AGENTS, NO MIDDLEMEN.

1899.



Price
List
in Back.

Read and keep for
Reference.



Read the
Head Lines....

Write for further
information to

HAPGOOD PLOW CO., Alton, Ill. ☉☉☉

The Wonderful
"PIASA BIRD"

CARRIES DEATH TO TRUSTS BUT
BRINGS TO YOU THE

GOOD NEWS THAT THERE IS ONE
PLOW FACTORY IN THE U. S.

WILLING TO SELL TO YOU

Direct at Wholesale Prices.

No Agents,
No Middlemen.

READ THIS BOOK AND LEARN
HOW TO CURE HARD TIMES.

DIRECT TO THE CONSUMER AT WHOLESALE PRICES.

A NEW DECLARATION OF INDEPENDENCE.



Whereas : _____

All men are created free and equal, except the man who sells on time, who is never free; and the man who buys on credit at big prices, who is seldom equal to paying his debts. Now, therefore after 30 years experience we hereby declare ourselves free and independent of the agency and credit system, and will hereafter sell our goods direct to the farmer at wholesale prices for cash.

We are fully aware that the agents of the old system will run down our goods and try to discredit them and us, but we guarantee that our goods will be kept up to their present excellence, and will be equal to any line of goods made.

WE ARE THE ONLY MAIL ORDER PLOW FACTORY IN THE UNITED STATES SELLING DIRECT TO THE CONSUMER.

NO AGENTS, NO TRAVELING MEN, NO MIDDLEMEN, JUST YOU AND US.

We are the only Mail Order House that ships goods direct to responsible parties on trial, not a cent in advance. No other house does this. Why not deal direct with the factory?

You must admit that when you keep your money in your pocket until you get the goods and try them that we cannot beat you out of a cent even if we wanted to do so. Is not that safe and fair?

Then why listen to the lies told by the agents of the old system, who would prevent you from learning THAT YOU CAN BUY YOUR GOODS AS CHEAP AS THEY DO. The difference represents the premium you have been paying to the credit system and middlemen. We are willing to do business with responsible parties on these terms, but we dare not accept the word or statement of strangers all over the United States that they are responsible, for the man that wanted to swindle us would of course make the biggest statement. It therefore becomes absolutely necessary that you establish your responsibility and we will do the rest. We will tell you how to do it. See next page and order blank.

Our responsibility can be ascertained from the Alton Savings Bank, or from any bank in your vicinity, if you are not already acquainted with us. We do not attempt to quote prices in this Catalogue on all goods, but refer you to our big Catalogue, containing full information as to prices, weight, railroad classification and instructions how to order, remit, etc. Prices will be subject to change, but no change is expected on our own goods or other specialties. Wire, Baling Ties and other net goods are subject to market changes. All orders will be filled at the lowest price quoted, but if any advance in price we will notify you and await your reply before filling the order. All prices given here are the lowest, and same as Big Catalogue. Prices are complete on goods of our own make, but have not room to give all specialties. For same see Big Catalogue. There can be but one reason for a failure of our plan, and this will be the neglect of farmers to send in their orders, so the success or failure of this attempt at practical co-operation rests with you.

All inquiries promptly answered, and we ask you to give our plan a trial before you condemn it.

~~Send~~ Send 10 cents in Silver or Stamps (to pay expense of mailing) and get our Large Catalogue of all specialties; you can deduct the amount on first order.

Will save you lots of money. Read Page 96.

Yours for business,

HAPGOOD PLOW CO.,

ALTON, ILL.

HAPGOOD PLOW CO.,
ALTON, ILL.

ORDER BLANK.

All Orders are Accepted on these Terms.

189.....

Please ship me, at \$....., which I will receive and pay the freight, and at once give it a thorough trial, and if it fails to work satisfactorily I will at once notify you describing the trouble, and on receipt of your suggestions I will try it again, and if it is not then satisfactory I will ship it free of charge, according to your directions, losing the freight I have paid, (H. P. Co. to pay the freight back to factory); and if the implement does good work, I will within ten days after its receipt

remit you \$..... by bank draft, post office or express order, or by express prepaid.

For the purpose of obtaining above credit, I hereby certify that I have property in my own name worth at a fair valuation \$..... over and above all debts and liabilities.

WE PREFER TO HAVE CERTIFICATE
BELOW SIGNED BY BANK,
R. R. OR EXPRESS AGENT, WHO IT IS
UNDERSTOOD, DOES NOT ASSUME
ANY FINANCIAL RESPONSIBILITY IN
SIGNING SAME.

Signed.....

I am well acquainted with Mr..... who signed the above order, and I know he is legally responsible, and an honest fair man.

Signed.....

NOTE.—If goods cannot be tried in ten days on account of weather or other reasons, advise us and time will be extended.

NOTE.—Not one machine out of 1000 returned last season. We take as much risk on farmers properly running the goods as they do on the goods not working, when thousands are already in use.

We want to make your acquaintance and are willing to pay you for the trouble of learning what we can do for you.

No other mail order house will ship you goods on trial under any conditions.

Goods on trial refer to plows and such implements where actual trial proof is necessary to know if they will work or scour. It does not apply to wagons, buggies, harness, etc., these are sent subject to examination; then our guarantee stands back of the material and workmanship.

READ HOW TO ORDER. OUR TERMS MAKE YOU PERFECTLY SAFE.

On page 1 we give a copy of our Order Blank under which conditions it is understood all orders are accepted.

1st. Have your Order Blank (see copy) certified to, or have your letter (if no Order Blank is used) accompanied by a letter from your Bank, R. R. Agent, Express Agent, Postmaster, or some responsible merchant rated in the Agency Books, or by some County Officer, Clerk, Judge or Sheriff.

When property statement only is made, or order is signed by any except the first four, we reserve the right to delay shipment until we can investigate the same and also reserve the right to ship such orders C.O.D., where for any reason, there is not time to look up references or no way of getting them.

We should hesitate to ship any man who cannot comply with the above terms.

2d. If the above terms are not convenient or you are not known, you can deposit the money with any of the above to be held until you get your goods and find the same satisfactory; this certainly protects you.

3d. No cash discounts of any kind allowed on the above terms. No cash discounts allowed on strictly net goods, when stated in Catalogue.

4th. **We will ship C. O. D.** subject to examination if not less than one-fourth of the amount is sent with the order, balance to be paid to the R. R. or Express Agent or bank if goods are found to be satisfactory. Will allow **4%** cash discount on amount sent (except on net goods.)

5th. **2%** discount will be allowed if orders are sent accompanied with the cash to any Bank, R. R. or Express Agent in Alton who will pay the money over to us on our delivering to them a bill of lading showing shipment of the goods in good order. We will stand responsible for any money sent in this way and pay any expense attached if notice is sent us at the same time.

6th. **4%** discount will be allowed if **all cash** is sent with order direct to us (except where catalogue gives strictly net cash prices, no discount.)

We advise this 6th plan as it saves delay in shipping, saves bookkeeping, saves office expense and saves you the charges for returning money on C. O. D. shipments (10c or 15c), saves you **4%** on the price of the goods, is perfectly safe, and we **guarantee to refund your money if goods are not satisfactory.**

These terms are certainly fair and will meet the requirements of all our customers.

ROCK VALLEY, IA., Sept. 12, 1898.—Haggood Plow Co., Alton, Ill.: *Gentlemen*—I have tried the old reliable Sulky and I like it the best of any Plow I ever hitched to; it runs easy and does good work and is easily handled.

M. O. PRENTICE.

3

YOU WILL FIND HERE THE INFORMATION YOU WANT.

WE GIVE below answers to a few of the questions which we are often asked. We desire to make our catalogue complete and to give you full information, so you will not have to guess at what you want or be delayed in sending your order.

- 1st. We can put Turf and Stubble Boards on all our 12-inch, 14-inch and 16-inch plows. Right Hand also on sulkies and gangs at 50c a board extra.
- 2d. All plows are understood to be Right Hand, and will be sent unless Left Hand is distinctly mentioned in the order. We make Left Hand Plows of all kinds.
- 3d. We can furnish Right Hand Cast Shares in 12-inch, 14-inch and 16-inch for any of our plows. See prices page 7.

We can furnish Right Hand self-sharpening cast shares for any of the above. See prices on page 50.

We can furnish self-sharpening steel shares R. H. for any of the above. See prices page 50.

- 4th. All plows except Breakers are priced with only one share, the one that is on the plow. The price of extra shares when ordered with plows will be found on page 7. You can have one or one hundred at the same price each.
- 5th. All Sulkies and Gangs are complete with eveners, neck yoke cutters and weed hooks at prices named.
- 6th. Any of our 12-inch, 14-inch and 16-inch shares, previous to November 1st, 1898, will fit any of our plows of the same size. We used previous to Nov. 1, '98, but one style of share, no marks on the same.

SIoux FALLS JUNCTION, MINN., Sept 9, 1898.—Hapgood Plow Co., Alton, Ill.: *Gentlemen*—Enclosed please find draft in settlement for Piassa Bird Sulky. I like it better than any Plow I ever used. It is very easy to handle and has the best mould-board I have ever had on a plow. It rolls the furrow over in good shape. Will send you my future orders.

Signed:

G. W. DELAND.

All steel shares since Nov 1st, 1898, will have the letter "A" stamped on the wing of the same. All 10, 11, 12, 14 and 16-inch shares will fit any plow of the same size. If your plow share has the letter "A" stamped on it mention the same in your order.

7th. All extras must be cash in advance. We cannot afford to open book accounts for small items of repairs. Send enough and the balance will be refunded, or write for price in advance.

All extras for our own goods sold at 40 per cent. discount from repair catalogue price on cast and malleables; 25 per cent. on steel parts except where net prices are given in this catalogue, page 90

8th. All our steel wheels have movable boxes. Do not buy a machine with steel wheels that doesn't have them.

9th. Examine carefully your goods when they arrive; have any shortage or breakage noted on the paid freight bill (that is, the receipt the agent gives you for the money you pay for freight); send this to us and the Railroad Company can be made to pay for the damages.

10th. Do not return goods without an order from us. If they are to be returned we want to say where they are to be shipped, and give you instructions how to ship them.

11th Remit money by Bank Draft, Postoffice Money Order, Express Order, Registered Letter, or by Express prepaid. All bills are due in Alton in current funds. We do not pay any expense of remitting.

12th. The purchaser pays the freight; our prices are for the goods; we do not sell freight, we do not expect to make any profit on the freight or lose anything on it, but we do look after your freight interests.

We will prepay freight if requested to do so and money is sent for the purpose; we will see that it is right and will send you freight receipt and return you any money due you. We do not advise prepaying the freight, as there is nothing saved and the Railroad Company may not be so much interested in rushing the goods forward if they have their freight charges in advance.

NEWTON, KAN , Aug 25, 1898.—Hapgood Plow Co., Alton, Ills : *Gentlemen*—Enclosed please find settlement for the Old Reliable Sulky. I sent it out against a three-wheel Sulky of another make, and the man brought the other back and kept ours. The Old Reliable always takes the cake.

JAS HOWARD.

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13th. Where there is no agent freight must be prepaid and enough money must be sent with the order. No goods sent C. O. D., except on terms stated, page 1.

14th. We do not sell on time or installments. You will find our terms on page 1. **We have but one price; you will find that in the Catalogue.**

15th. We have no agents, no traveling men, no salesmen, nor do we wish to employ any. Our catalogue is the only salesman we have. Our Prices Sell the Goods.

16th. Our plows are made of the best material that money can buy. See Page 96 for article on steel.

Our woodwork is mostly Oak, some Ash. Double-Trees and Single-Trees are Hickory; no Pine Tongues used.

See what the agent of the old system is selling you when he talks quality and runs down our goods.

17th. The first 53 pages of this catalogue show goods which we make ourselves. Other goods are specialties. We call some machines Hapgood, but we do not wish to be understood as making them.

18th. No orders can be countermanded after goods have been shipped. **You can state a time at which we must ship and we will do so or cancel order**, this will protect you from any neglect.

19th. We do not guarantee delivery of goods at any certain time. We cannot ship until we get your order. We urge you therefore to place your order in time, so that a delay of a few days will not inconvenience you.

20th. Goods of our own make we ship in ninety-nine cases out of a hundred the day we get the order. If there is more than three to five days delay we will notify you. Specialties are shipped in from three to seven days; buggies take from five days to twenty days; usually about seven days.

21st. We are willing to ship goods to responsible parties on trial. but you must prove that you are responsible. We cannot afford the expense or take time to look up references.

* * ANNOUNCEMENT FOR 1899. * *

ONCE more we send greetings to the thousands of farmers who have so kindly sent us their orders this last season. Also assisted us by telling their neighbors and friends and sending us lists of names of friends to whom we have sent free catalogues. We hope this season to have the pleasure of hearing from all of our old friends and of adding a hundred thousand more new customers. Selling direct to the farmer must be made practical co-operation. We enable you to share in all the benefits of an increased business. The more business we have the less the expense of selling, enabling us to give you back the saving in reduced prices. We did it in 1897, in 1898, and we have now given you in this catalogue liberal discounts for 1899. Compare our prices for the last three years and you will readily see that you are making something for yourself on future orders for every sale you help us make, for every farmer you tell about us, for every name you send us, and for every good word you say for us.

This Catalogue will be found to contain complete information in reference to our own line of goods, and we wish also to call your attention to the large number of specialties, and particularly request you to send for our big catalogue on Buggies, Harness, Sewing Machines, and a thousand other articles. So confident are we that we are offering greater inducements than any other concern, that we do not hesitate to guarantee if you will send us cut and description with price from any other manufacturer or catalogue house, that we can duplicate the goods not only at the same price, but in most of cases will be able to give you a discount of from two to ten per cent. besides. So if you see something you like better than appears in our Catalogue, write us and we will try and serve you.

We are the only plow factory in the United States that dare openly sell their goods direct to the farmer at wholesale prices in opposition to the Implement Dealers' Assn. We give you the benefit of our thirty years' experience in this business, and believe that our efforts will be appreciated by the farmers.

Yours very truly,

HAPGOOD PLOW CO.

N. B. A new departure this season will be found in quoting prices on a great many things, particularly on our own goods, delivered at Kansas City, Omaha or Minneapolis. We do this because most railroad agents in the West can give you rates from those points when they cannot from Alton. In many places it is customary to sell plows with two shares, and to accommodate our friends, and also to encourage your getting extra shares with your plows, avoiding the expense of shipping them alone afterwards, we will sell all the extra shares you want when ordered with your Plows at reduced prices.

12-Inch.....\$1.50

14-Inch.....\$1.75

16-Inch\$2.25



Improved Steel Frame "Piasa Bird" 3-Wheel Sulky.

We claim in this Sulky to have combined the no landside principle with a landside, by making a short landside that steadies the plow, and on which there is little or no friction in light work with the wheel behind standing straight. When the work is heavy the operator can turn the rear wheel at an angle to support the landside and take the pressure of side draft off the landside. The large wheel on the landside carries the driver's weight, who sits far enough away from the plow to make it ride very easily, and to pass over obstructions without interfering with the work of the plow. The wheel in the furrow in front is set at an angle and so it will gauge the furrow to a uniform width, and can be adjusted to cut from 10 to 20 inches.

The Plow raises independently of the frame, and the cutter is fastened to the beam and raises with it. We have a strong and substantial manner of holding the plow that cannot wear or get out of shape.

The steel hitch is fastened to the frame with two large bolts, with an adjustable clevis that allows the operator to cut any width or depth, and is convenient for two or three horses, and can be put so low that the plow will run level in any kind of ground, no difference how hard. The team is hitched closer to the ground, and will turn a square corner to perfection.

The heel of the plow can be raised and lowered, which is an important point, as any farmer knows, when a plow gets dull, it has to be raised at the heel to keep it in the ground, or to run it level in very soft ground.

We believe that our "Piasa Bird" Sulky is the easiest to handle on the market, and can be run by the most inexperienced operator. It is free from chains, springs, cocks or triggers, has no neck draft, work in front of driver. Has large cutter with steel blade and our patent hub. It raises high in turning, has high frame and cannot be clogged, has easy draft, and a 10-year-old boy can handle it. Furnished with cast shares when wanted.

Price, F. O. B. Alton, \$30.00. Shipping weight, 400 lbs. Complete with Evener, Neck Yoke, large Coulter and Weed Hook.

Price, F. O. B. Kansas City, Omaha or Minneapolis, \$31.50. Turf and Stubble Boards 50 cents extra.

Extra Shares when ordered with the Sulky, 12-inch.....	\$1.50	14-inch.....	\$1.75	16-inch.....	\$2.25
Cast Shares when ordered with the Sulky, 12-inch	0.40	14-inch.....	0.50	16-inch	0.60

Self-Sharpening.—Cast Shares or Steel Shares 25 cents each extra.

Modesty forbids our telling you that this is the best plow on earth, but read what the farmers say about it.

8

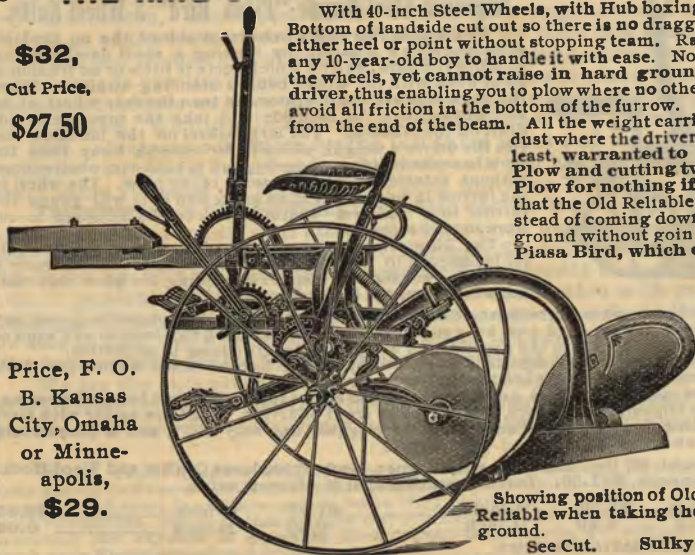
THE KING OF 2-WHEEL SULKIES—THE OLD RELIABLE HAPGOOD.

\$32,

Cut Price,

\$27.50

Price, F. O.
B. Kansas
City, Omaha
or Minne-
apolis,
\$29.



With 40-inch Steel Wheels, with Hub boxing, 16-inch rolling cutter, Double Mould Board. Bottom of landside cut out so there is no dragging in bottom of furrow. Lever to raise or lower either heel or point without stopping team. Raises very high. Spring lifting lever that enables any 10-year-old boy to handle it with ease. No neck draft, no side draft. Perfectly carried on the wheels, yet cannot raise in hard ground without lifting the entire machine and driver, thus enabling you to plow where no other plow can hold the ground and at the same time avoid all friction in the bottom of the furrow. Team hitched close to the work and pulls direct from the end of the beam. All the weight carried on 40-inch wheels. Seat well up out of the

dust where the driver can see where he is going, and last but not least, warranted to run lighter on the team than any walking Plow and cutting two inches wider, the purchaser to have the Plow for nothing if it fails to fill this warranty. Please notice that the Old Reliable goes into the ground point down (see cut) instead of coming down flat like a duck's foot and sliding along on the ground without going in, as all three wheel plows do (except the Piasa Bird, which can be depressed at the point). Every farmer

that has been annoyed with his Plow sliding on the bottom instead of going into the ground, will appreciate this point in the Old Reliable Sulky. Owing to the unmistakable drift of the farmers away from the little wheel sulky, and the great demand for the Old Reliable, which is the acme of simplicity in construction, we have decided to again reduce the price, making it not only the best, but cheapest Sulky plow in the world. We do not recommend the Old Reliable to turn a square corner, and do not think that any practical farmer wants to do so, as it is much easier on the team and takes less time to drive around on a headland. Furnished with Rolling Coulter, Triple Tree, Neck Yoke and Weed Hook.

Showing position of Old Reliable when taking the ground.

See Cut.

14-in. or 16-in. "Old Reliable" 2-wheel Sulky, wt. 400 lbs. Price, \$32; Cut Price, \$27.50.

Listing Attachment with Evener and Neck Yoke to change to Sulky Lister, \$20.

Has two
Large Cutters, 4-H
Evener and Neck
Yoke,
Lifts High
and Plows have our
Double Boards.

Delivered at Kansas City
 Omaha or Minneapolis
 (for \$2.00 extra.)



All our
Steel Wheels
 have
Movable . .
. . Boxes.
 Notice the
LIFTING SPRINGS.

THE OLD RELIABLE—"THE KING OF GANGS."

The above cut shows our **Improved Old Reliable Gang** which works perfectly with four horses abreast or with two ahead of two. Has steel wheels, spring lifts, two cutters, four-horse evenner and neck yoke, the beams are very strong, it is very easy to handle, is perfectly carried on three wheels, and is warranted to **run lighter on the team than any Walking Plow, in proportion to the work done, and lighter with driver riding than any Wheel Plow made.** Plows made with *Double Boards* and furnished with Chilled Cast Shares when ordered. We recommend cast shares for hard or sandy ground. Rod or moldboard breaker bottoms can be furnished for all Sulkies, Gangs, etc. Weight, 550 pounds. Seat is steel—something new.

The best Gang on earth if you do not wish to turn a square corner.

12-in. Old Reliable Gang,	weight, 600 lbs.,	price, \$42 00.	Cut price, \$35.00.
14-in. " " " " "	600 " " "	45 00.	Cut price, \$37.00.

10 BALLATON, MINN., Nov. 17th, 1898.—Hapgood Plow Co., Alton, Ill.—Gentlemen: The Tongueless Gang which I bought this season is all right and well worth the money to any farmer, I used 4 good horses plowing 7 inches deep, turning over 4½ acres a day. It throws the soil very easy and well, covering all stubble to perfection. Hoping for good times and more business next year,
Yours very truly,
O. N. OLSON.

Add \$2.00 to get price F. O. B.
at Kansas City, Omaha or
Minneapolis.

**TURNS A SQUARE CORNER
TO
PERFECTION.**

TONGUELESS GANG.



**FURNISHED WITH ADJUSTING
LAND LEVER,
WIDE SHARES, STEEL SEAT AND
DOUBLE BOARDS, TWO
LARGE COULTERS, WEED HOOKS
and 4-HORSE EVENER.**

The above cut represents our New Tongueless Gang Plow, which works perfectly with FOUR HORSES ABREAST OR STRUNG OUT—THE OFF HORSE IN ALL CASES WALKING IN THE FURROW. It has Steel Wheels, Spring Lift, Large Rolling Cutters, Leveling Lever, Adjusting Land Lever, and Perfect Lifting Lever, which gives it an advantage over all other Wheel Plows. Made also without Riding Attachment. Plows made with Double Boards and Steel Seats. Rod or Mold Board Breaker Bottoms extra.

All our Tongueless Gangs and Sulkies are provided with a convenient device for holding the plow from running on the horses' heels when the plows are out of the ground. This is a valuable improvement over all other—

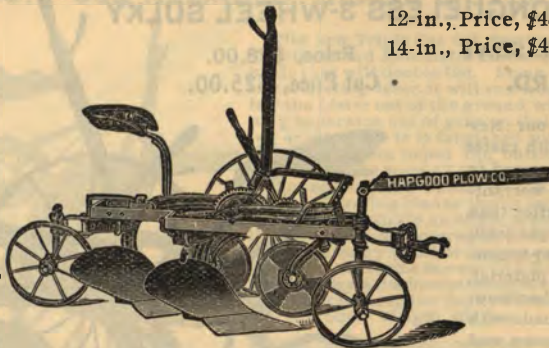
12-in. Tongueless Gang, weight, 500 lbs., price, \$42.00.	Cut price, \$39.00
14 " " " " " 500 " " 45.00.	" " 41.00

CHRISTMAN, ILL., Sept. 14, 1898.—Hapgood Plow Co., Alton Ill.—Gentlemen: Enclosed please find draft in settlement of my Piasa Bird Gang. I have tried it one day and I can say I plowed ground that I don't believe I could have plowed with any other plow. Glad to state that everything is all right.

EVERETT DEPUY.

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NEW
PIASA BIRD GANG
WITH
FLEXIBLE TONGUE.



12-in., Price, \$45.00. Cut Price \$41.00.
14-in., Price, \$47.00. Cut Price \$43.00.

A
PERFECT
SQUARE CORNER
GANG.

The above cut shows our NEW PIASA BIRD GANG PLOW, which will need no recommendation from those using our Piasa Sulky. It is a perfect Square Corner Gang, with a Flexible Tongue, combining the no landside and the landside principle, and is the only Gang made that the points of the plows move exactly the same and that can be adjusted so as to throw both plows on the point when dull, or that the points can at once be depressed so as to take the ground quickly. Some of the others will run ten feet before they can be got into the ground. If you want a plow to turn a Square Corner, don't buy any other before trying this—it works perfectly with four horses abreast, the off one in the furrow, the other three on the land.

WARRANTED TO GIVE SATISFACTION. SHIPPING WEIGHT, 600 POUNDS.

SENT COMPLETE WITH 2 CUTTERS, 4-HORSE EVENERS, NECK YOKE AND WEED HOOKS.

Traveling Men's Salaries and Expenses, Bad Debts, Dealers' Profit, 

HAPGOOD NEW TONGUELESS 3-WHEEL SULKY

**WIDE SHARES, STEEL SEAT
AND DOUBLE BOARD.**

Price, \$28.00.

• Cut Price, \$25.00.

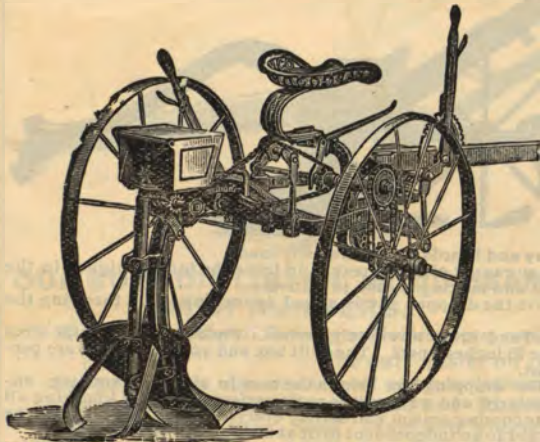
The above cut represents our New Tongueless 3-Wheel Sulky, with caster wheel in the furrow, both at rear and in front of the plow, and which is warranted to turn a square corner better than any Sulky in the world. It is light draft, simple in construction, very easy to handle, and made of the very best material, and at the price we ask for it is the cheapest Sulky in the world. It is made with steel wheels, with movable boxes and has large rolling coulter. In turning at the ends, or moving about, the double-trees raise high off the ground, and the brake keep the Plow from running on the horses' heels. Weight, 300 pounds.

**SENT COMPLETE, WITH CUTTER,
EVENER AND WEED HOOKS.**



WHEELING, Mo., May 2, 1898.—Haggood Plow Co., Alton, Ill.: Gentlemen—Please accept my thanks for the Lister you shipped me. I received it in good shape and it works like a charm. You will hear from me with other orders soon.
Signed, P. P. PEUGH. 13

OUR "OLD RELIABLE" RIDING LISTER.



With new Triple Cut Off, Spring Lift, Adjustable Spring Chain Tightener and Automatic Throw-out. Is the only Riding Lister made that will double list. Being high under the beam and having a leveling lever, it will run where others cannot work. Raising the Lister out of the ground with the lever, throws the dropping apparatus out of gear, so that corn is not scattered in turning or moving. It is furnished with three-horse eveners that enable the operator to put the outside horse in the last row and thus gauge the rows all the same width. It drops 12, 14, 16, or 20 inches apart. The Subsoiler can be adjusted to any required depth. Covering blades throw up a ridge in the center of the row, leaving a drain on either side, preventing the washing out of the corn, or being covered up by a washing rain. In fact, it has every necessary point or feature to make it a **Perfect Lister**; and has the same frame as our "Old Reliable" Sulky Plow, and we furnish a Sulky Attachment complete for a few dollars, that changes the Lister to a regular Sulky Plow. See page 8. Examine it and you will buy. Weight, 450 lbs.

14-inch Sulky Lister, complete with covering shovels,
weight, 450 lbs. Price..... \$35 00 **Cut Price, \$32.00**

16-inch Sulky Lister, complete with covering shovels,
weight, 450 lbs. Price \$36 00 **Cut Price, \$33.00**

Attachment with tripletrees, drill and fixtures to convert 2-wheel sulky into a 14-inch Listing Sulky, wt., 200 lbs. Price... \$21 00
Attachment with tripletrees, drill and fixtures to convert 2-wheel sulky into a 16 inch Listing Sulky, wt. 200 lbs. Price... 21 00
Attachment with tripletrees, neck-yoke, cutter and weed hook to convert sulky lister into a 2-whl. Sulky, wt. 160 lbs. Price 16 50

Our Improved Combined Lister.

Which we confidently believe to be the best Lister manufactured, as we claim the following advantages:

1st. The boards are either narrow or wide, but we always send cut out our narrow board unless otherwise specified.

2d. We have patent runners or double landsides which carry the lister in an upright position, making it the easiest lister there is made to hold.

3d. The sub-soiler is adjustable up and down and independent of the Drill.

4th. The sub-soiler is easily repaired, as the blade alone costs but 25c., and can be put on with a wrench without the necessity of going to the shop.

5th. The drill spout can be adjusted to drop any depth independent of the sub-soiler.

6th. Our patent malleable frog enables us to make a share that any blacksmith can sharpen, and supports the lay and boards better than any made.

7th. Our covering shovels are adjustable and so arranged that they cannot clog or break, and leave the furrow higher in the middle than on the sides, thus protecting the corn from washing out and making it easy to cultivate.

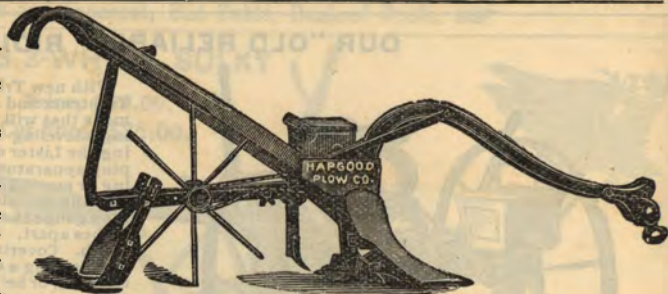
8th. Our large spocket wheel cannot clog and never fails to drive the dropper. It is raised in turning, thus throwing the dropper out of gear.

9th. The drill box is large and substantial. Has our patent cut-off and drops absolutely perfect. Furnished with three sizes of dropping plates and has a sprocket wheel to drop 5, 10, 15, 20, 24 or 28 inches apart. The drill box and sprocket chain are perfectly protected from stalks and clods by the shield shown in the cut.

Broom corn or kaffir corn plates furnished when ordered extra. Our dropping box brings the corn in sight in dropping, enabling you to always know that the corn is being dropped regularly, and we have the most perfect device for knocking all kinds of corn through the plates. Our adjustable handles for the coming season will satisfy everyone, both the long and the short. Our drill attachment can be taken from the lister and changed to an independent drill at an expense of only \$1.00.

If you want the best lister in the world try this. We could furnish you with thousands of testimonials, and our plan enables you to try the lister yourself before you pay us a cent. Furnished with either sprocket or solid wheel, or both, if desired.

14-in. Imp. Lister, Sprocket or Solid Wheel, weight, 175 lbs., price, \$19.00; Cut price, \$17.00. } If both wheels are wanted
16-in. Imp. Lister, Sprocket or Solid Wheel, weight, 200 lbs., price, 20.00; Cut price, 18.00. } add 50 cents.



MITCHELL, KANS., April 4, 1898.—Hapgood Plow Co., Alton, Ill.—*Gentlemen:* I saw the man I ordered the Improved Lister for and it gives more than satisfaction, and he saved \$6.00 on it. He will give more orders this fall. Signed, J. R. HODGE.



OUR SUBSOIL LISTER, WOOD BEAM, WITH RUNNERS.

SUBSOIL LISTER, STEEL BEAM AND RUNNERS.

We furnish Subsoil Listers with Runners, as they handle so much easier and run so much steadier.

The only Lister on the market that has runners.

See page 14 for description of our new Subsoil Knife and Runners. This Lister will scour in any soil.

14-inch Subsoil Lister, Wood Beam and Runners, weight, 100 lbs., price...\$12 00 **Cut Price, \$11 00**

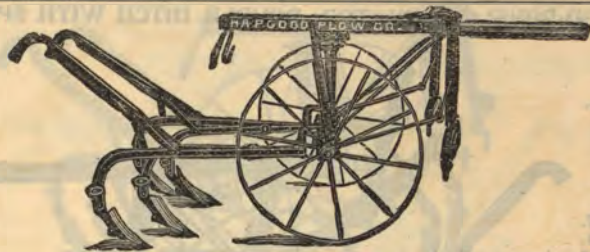
14-inch Subsoil Lister, Steel Beam and Runners, weight, 100 lbs., price... 12 50 " " **11 00**

16-inch add..... 1 00

Send 10 cents (to pay expense of mailing) and get free our new Implement Catalogue, containing 1,000 specialties sold direct to the Consumer at wholesale prices.

GAINESVILLE, TEX., May 1, 1898.—Hapgood Plow Co., Alton, Ill.—*Gentlemen:* I wish to tell you that the Boys' Cultivator I got from you is the best running plow I ever plowed with, and I want some more of your goods. J. W. LUPER. 17

**Examine the
Spring.
Round
Malleable
Break Pin.**



**Best
Soft Center.
Hardened Steel
Shovels Guar-
anteed to Scour.**

THE IMPROVED BOYS' " CULTIVATOR.

DESCRIPTION OF OUR IMPROVED BOYS' CULTIVATOR.

OUR family of Boys' Cultivators, consisting of over twenty combinations, is the most complete, simple and attractive ever made. Including the Regular Cultivator, with large shovels, cut above; the Eagle Claw and Spring Tooth, for surface cultivation; the Spring Trip, Parallel Beam, and all with either Double or Single Hitch, and any of them with Adjustable Arches; enabling the operator to adjust the wheels at any width desired. We use a simple Double-Acting Spring, that can be adjusted to press the shovels into the ground, carry them with any desired lift, and in all cases throw the Gangs up to the Beam Hooks—when started from any adjustment; the change being made in an instant without the use of any tool or removing any bolt. All are arranged so that the Beam can be adjusted up or down, and set to any width apart. All are provided with Round Brakepin Attachments, so the Shovels can be raised or lowered, and set at any angle to the earth. All are provided with shields, (and fitted for Moldboard Shovels and Bull Tongues extra.) All wheels have movable or changeable Boxing, so they can be replaced when worn out. Do not buy a Steel Wheel without them. The handles are adjustable to suit any boy or man. In fact they contain every point of merit that any others have and many new ones and are simply perfect. \$11; Out Price, \$10.75. Adjus. Arch. 50c ex. Add \$1 to get price del'v'd at K. C. or Omaha.

All collections expenses, all of which is unnecessary under our plan of doing business.

IMPROVED BOYS' CULTIVATOR, DOUBLE HITCH WITH SPRING TRIP.

Add \$1.00 to get price delivered at Kansas City, Omaha or Minneapolis.

GREENDOOR, Mo., June 4, '97.
Hapgood Plow Co., Alton, Ill.—Gentlemen: Your Boy's Spring Trip Cultivator has been received, and been tried and has proven as good as any Cultivator sold in Warrensburg for \$18.00. Enclosed please find draft for \$13.00 in settlement for same.

Signed, D. E. BRADEN



PRICE, \$13.00.

Cut Price, \$12.75.

BIGELOW, Mo., June 11, '97.
Hapgood Plow Co., Alton, Ill., Gentlemen: The Spring Trip Cultivator which I bought of you is a good Cultivator and gives perfect satisfaction.

Signed, JOHN E. SLATER.

This Cut shows the Spring Trip passing an obstruction. It is the only Spring Trip made that an ordinary human being can understand and adjust without trouble, as the strength of the Trip is controlled by a spring tension and the change is made by simply tightening up the nut on end of spring bar. We also retain the **Break Pin Attachment**, (which others do not, with Spring Trips) which enables us to set the shovels at any desired angle or pitch, also to turn them to throw the earth in any direction.

The device for tripping is on top of the beams leaving the **throat of beams clear**, while others have part of their machinery under the beam, causing them to **clog in trashy ground**.

This Cultivator can be changed to the Spring Tooth, Eagle Claw, or Mould Board Shovels, and cannot be broken with fair usage. Is perfect in every respect.

THE IMPROVED BOYS' EAGLE CLAW CULTIVATOR.

STEEL WHEELS
and
MOVABLE BOXES.

Do not buy a machine
with steel wheels
without them.



EAGLE CLAWS
make the
BEST TOOL
for
Surface Cultivation.

This cut shows the Eagle Claw Attachment. With regular Arch and Hitch. Notice the Break Pin Attachment that enables the operator to set the shovels at any desired angle to take the ground. This is an important improvement over others. The large shovels go on the same beams, and can be furnished at trifling cost, and we recommend all farmers when buying to take both sets of shovels. Then you are fixed for any kind of work. The Eagle Claw for surface cultivation is **fast coming to the front**, and the demand is increasing everywhere. **We furnish Eagle Claws for other makes of cultivators**, as well as our own. This cultivator is furnished with the Adjustable Arch, Double Hitch, Spring Trip or any of the other combinations (See above.) Our new Break Pin Attachment enables us to set the shovels to throw in or out.

Imp. Boys' Sin. Tong., S. B. 200 lbs.....	\$11 00; cut pr. \$10 75	Imp. Boys' Sin. Tong. Eagle Claw, 200 lbs.....	\$12 50; cut pr. \$12 00
Imp. Boys' Sin. Tong. Spg. Trip, 200 lbs. 13 00; cut pr. 12 75		For Dou. Hitch on any of above Cul. add.....	1 00; cut pr. 50
For Adj. Arch on any of above cul, add.....	50;	Eagle Claws, per pair, 75 lbs.....	5 00
Eagle Claw At. when ord. with Cul. 30 lbs 3 00;		Spring Tooth Attachment, 75 lbs.....	5 00
Improved Boys Cultivator, with both Large Shovels and Eagle Claws		only \$14 00	

Gentlemen: Enclosed find draft for \$12.50 in settlement for myDude Cultivator, shipped to Ray Mellon. The Cultivator is giving perfect satisfaction.

BUXTON, KAS., May 20, 1898.
Signed,
W. F. BELLMAN.

"IMPROVED BOYS' " SPRING TOOTH CULTIVATOR.

ADJUSTABLE ARCH

so the

Wheels Can be

Adjusted

to Any Width.



OUR SPRING

is the

BEST

DEVICE

MADE.

This cut shows the **Spring Tooth Attachment and Adjustable Arch**, with Ordinary or Regular Hitch. Notice that our Shovels are not in a row as others make them, but ziz-zag, so they will not clog. They are also **adjustable** on the beam, so the front shovels can be set as far as desired from those in the rear, making it impossible to clog them. Furnished with the Double Hitch, Large Shovels, Parallel Beams Eagle Claws or Spring Trip. For general description see page

Price complete with shields 200 lbs.....\$12 00 **Cut Price \$11 50.**

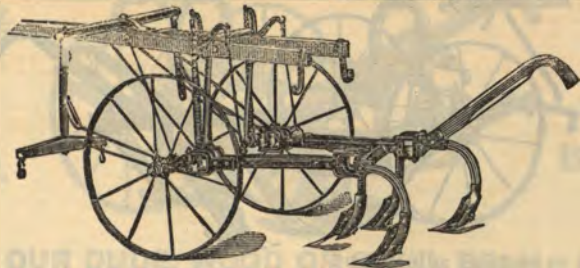
KUHN, Miss., May 10th, 1898—Gentlemen: Enclosed find draft in settlement for my cultivator. It is all O. K. Mr. Alexander is also well pleased with his. We will be able to send you some other orders for plows soon.

W. B. HENRY.

21

NOTICE!

This cut shows
our
Parallel Gangs,
but the
Frame and
Springs will
be the same as
shown on page



Read why this
is the best
Parallel Beam
Cultivator
Ever Made.

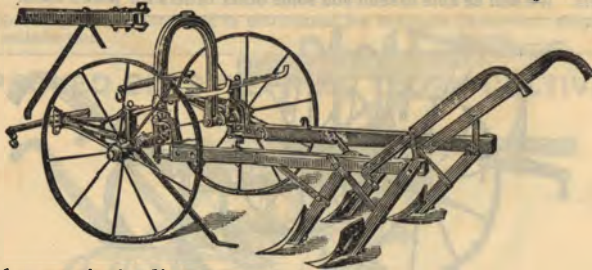
OUR "IMPROVED" BOYS' CULTIVATOR AS A PARALLEL BEAM.

The above cut represents our new **Parallel Beam Cultivator, with Double Beams, Conical Couplings, Patent Spring.** The beams being double, and working on cones, form a truss that prevents them from turning over or twisting sideways in the ground when the operator wishes to dodge crooked corn rows. The slack or wear on the conical hinge, or coupling, can be taken up by tightening the nut on the bolt that passes through the cones, and thus kept as **Good as New** as long as the machine will last. The springs will be the same used on all our cultivators, and will do **everything** you want a spring to do, and in all cases they **Help to Lift** the beams up to the hooks. **Many springs only lift when the shovels are in the ground and play out when you need them most, and are of no practical use.** Has Malleable break pin and low hitch. Weight, 235 pounds. Please note that we use wheels with Movable Boxes. Do not buy a steel wheel machine without them. Complete with shields, cut price \$12.50

OUR TONGUELESS CULTIVATOR.

22

WOOD OR STEEL
BEAM
STEEL WHEELS
AND
MOVABLE BOXES.



STEEL ARCH
AND
MALLEABLE
CASTINGS
NO CAST IRON USED.

Have a perfect lateral or vertical adjustment.

Have hang-up hooks which can be turned up out of the way when at work.

Have Runners, which can be put in a carrying position quickly without the use of a wrench.

Have the same device for taking up slack or wear as our Tongue Cultivators.

Have an arch which does not fall down when turning at the end of the row.

Have shovels on a gang, shaped so as to throw the earth the same way and turn it over like a plow, and yet when both are set to turn the same way they perfectly follow the line of draft and do not swing off to one side; and when pushed out to dodge the corn will instantly swing back into the line of draft.

Have a tongue attachment by which they can be changed into perfect Tongue Cultivators, see "Dude" page and when used as Tongue Cultivators have no vibrating or swinging of the tongue to fret and worry the horses.

Has Malleable Break Pin Attachments. Complete with Shields.

Please note that we use Movable Boxes in our wheels.

WEIGHT, 170 POUNDS.

Do not buy a steel wheel machine without them.

Tongueless Steel Beam Cultivator, weight 170 lbs., price \$11.00; cut price, \$10.50. Tongueless Wood Beam Cultivator, weight 170 lbs., price \$11.00; cut price, \$10.50. Tongue Attachment for Tongueless, weight 23 lbs., price \$1.00; cut price 75 cents.

Add \$1 to get price F. O. B. Kansas City, Omaha or Minneapolis on all walking cultivators.

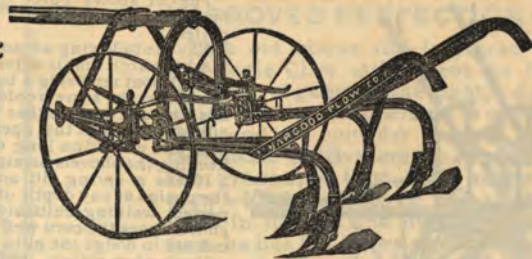
Handsome,



Simple,



Perfect.



Either Tongue

. . or . .

Tongueless

. and the .

Best Spring on
Earth.

OUR DUDE, WOOD OR STEEL BEAM.

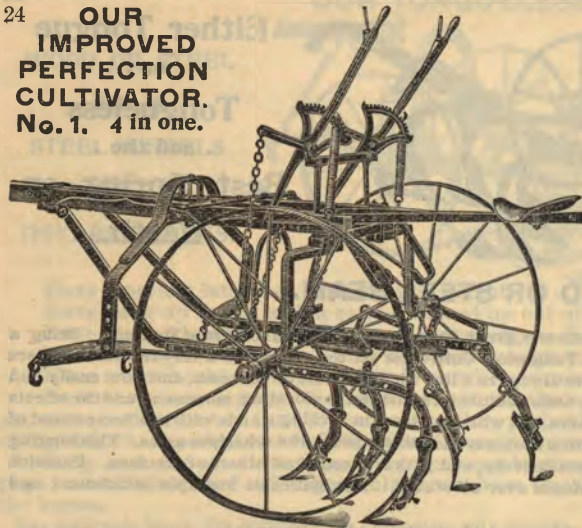
The above cut represents our new Dude Cultivator, which is a **great improvement** over all others of its class. Being a **Perfect Tongue Cultivator**, it can also be **changed** to the **best Tongueless Cultivator** on the market in a very few minutes (see page 11). The wheels being **hinged** to the frame or arch, are always in a **line** with the draft of the team, and turn **easily** and **naturally**, no difference what the position of the team may be. Other Cultivators having the vibrating movement and the wheels attached **rigid** to the frame or arch are always parallel to the frame, and when the team in turning stands with one horse ahead of the other the wheels must **scrape sideways**, thus making it **hard** on the team and **liable to break the wheels or axles**. This **hinging** of the wheels to the axle is a feature that **belongs to the Dude exclusively**, and puts it **ahead** of all others of its class. **Examine the Dude carefully and you will at once see that it has advantages over all others.** Has Malleable Breakpin attachment and low hitch.

Please note that we use wheels with Movable Boxes. Do not buy a steel wheel machine without them.

Dude Steel Beam, weight 180 lbs., pr.,	\$12 50	Cut pr.,	\$12 00	Dude Eagle Claw, weight 180 lbs., pr.,	\$14 00	Cut pr.,	\$12 00
Dude Spring Tooth, weight, 180 lbs., pr.,	12 50	Cut pr.,	12 00	Dude Wood Beam, weight 170 lbs., pr.,	12 50	Cut pr.,	12 00
Dude Spring Trip, weight, 200 lbs., pr.,	14 00	Cut pr.,	13 50				

Add \$1.00 get price on all walking cultivators F. O. B. Kansas City, Omaha or Minneapolis.

OUR IMPROVED PERFECTION CULTIVATOR. No. 1. 4 in one.



Above prices are with regular Arch carrying the wheels 4 foot apart. The adjustable Arch can be furnished on all kinds of riding machines, including the mystic series, for \$1.00 extra.

Stalk Cutter Attachment costs.....\$12.00
Disk Cultivator Attachment, either kind 12.00

The cut shows Three Shovels on the left side, and a Spring Trip on the right. Our Spring Trip is absolutely perfect.

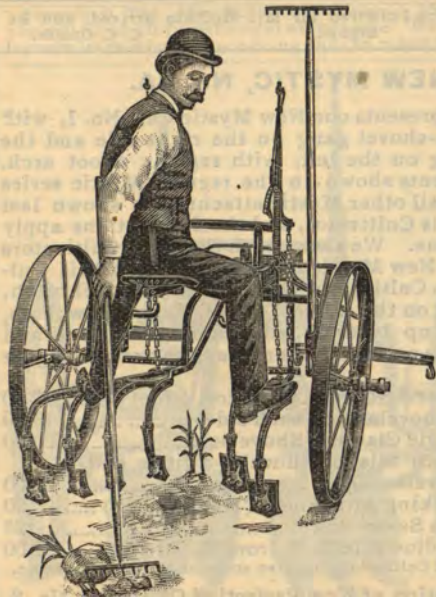
Has the following advantages over all others:

A high arch that is adjustable to any width from 3½ to 5 feet without removing a bolt. A steel doubletree that gives the horses the same freedom of movement as a wagon. It has no neck draft, either walking or riding. The seat is adjustable to suit the operator. The draw bars are very long and carried on long chains, making it easy to move, keeping the shovels straight to the work.

It has a spring lift and can either be swung rigid on the chains at any depth or carried on a spring lift. It is a perfect walking cultivator, with spring lift. The inside shovels pass the corn well up in front where the operator can see to dodge the hills. The beams are connected with an arch when riding. Either side or gang can be raised or lowered independent of the other. It can be changed to a Stalk Cutter, a Disk Cultivator, a Middle Burster, or a Riding Lister in a few moments and at a small cost. It has a foot lift that enables the operator to raise it out to turn or move without the use of his hands. They are furnished with four, six, or eight shovels. Mould board or plow shovels. With spring teeth and shovels, spring trip shovels, bull tongue. Any or all of the combinations go with the regular machine.

Regular, 4 shovel Riding Cultivator	\$19.00
Regular, 4 shovel with Eagle Claw, both set	23.00
Regular, 6 shovel	21.00
Regular, 8 shovels, (Eagle Claw)	20.00
Regular, Spring Trip, 4 shovels	21.00
Extra for handles and walking attachment (see cut No.2	50
Extra for Corn saver rake, with holder	25

Middle Burster Attachment	\$12.00
Complete Lister and Drill with Attachment	20.00



IMPROVED PERFECTION CULTIVATOR No. 2. 25

This cut shows the Improved Perfection Cultivator, with the Eagle Claw attachment on the left side and the regular 4-shovel gang on the right. Also our "Corn Saver Rake," which enables the operator to uncover corn without leaving his seat, and we consider a much better arrangement than the Hammock Cultivators, that have the driver's seat down on the ground, so that he is supposed to be able to reach the corn with his hands or feet (and which he can't do). He is down in the dirt and dust, and when he raises his shovels to turn he has his knees under his chin unless he stands up and walks. In fact, the Hammock is a fraud of the first water. Compare it with the Perfection, where you sit up out of the dust, where you can see ahead and dodge the plant in time. If a hill happens to get covered the little "Corn Saver" is right at your hand and you can reach back and uncover it in good shape.

Read full description and claims under Cut No. 1 as to the merits of this cultivator.

Price of Regular 4-Shovel, with 4 foot Arch.....\$19 00

Price of Eagle Claw, complete, 8 Shovels..... 20 00

Price of Both Sets as shown above, 8 little and 4 big

Shovels 23 00

Walking Attachment, with Handles, extra..... 50

"Corn Saver Rake"(actual cost),for any riding Cultivator 25

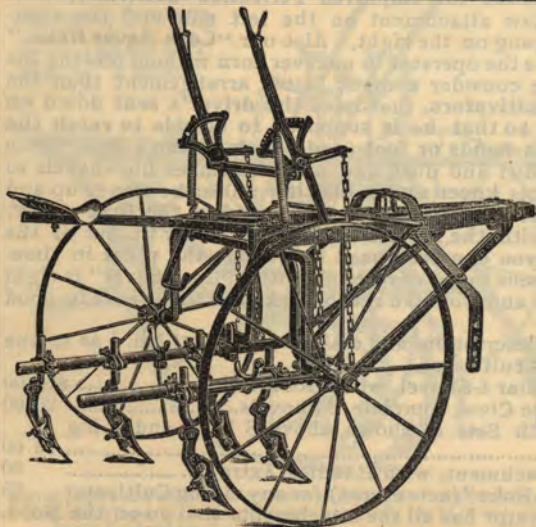
This Cultivator has all the attachments that go on the No. 1.

Adjustable Arch, extra, on all Cultivators, \$1 00.

FOUR, O. T., May 17, '97.—Gentlemen: The Riding Cultivator which I ordered for Mr. McClain arrived, and he likes the plow exceedingly well.

Signed,

C. C. OLSON.



NEW MYSTIC, No. 4A.

This cut represents our New Mystic Cart No. 1, with the regular 4-shovel gang on the right side and the 3-shovel gang on the left, with regular 4 foot arch. The Attachments shown in the regular Mystic series No. 5, 7, and all other Mystic attachments shown last year go on this Cultivator, and the descriptions apply to this machine. We also attach the Disk Cultivators shown in the New Mystic No. 2 and No. 3 to this Cultivator. This Cultivator has our improved steel hitch, has no weight on the horses' necks, long draw bars, shovels well up in front, adjustable seat, foot and spring lift. Is perfect in every way, warranted to give satisfaction.

Price of regular 4-Shovel Cultivator, 4-foot arch..	\$17 00
Price with 6 Shovels (3 on each side).....	19.00
Price with Eagle Claws, 8 Shovels.....	20.00
Price with both sets of Shovels—8 little and 4 large Shovels	22 00
Extra for Walking Attachment(Handles, etc)	.50
Extra for Corn Saver Rake.....	.25
{ Extra for Adjustable Arch from 3½ ft. to 5 ft	1.00
{ Not put on all Cultivators because some have no use for same.	

Read about the Corn Saver and Hammock Cultivator in description of New Perfection Cultivator No. 2.

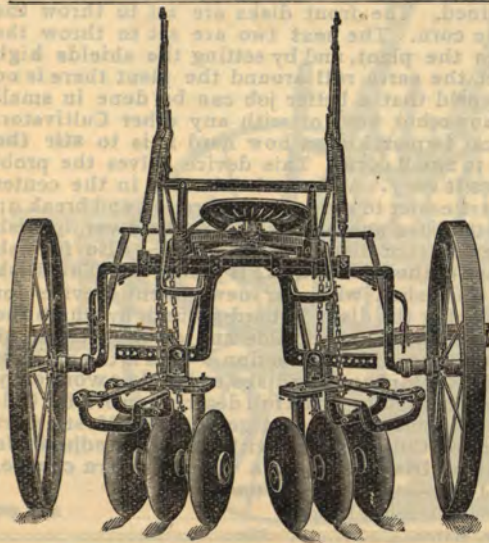
STROUD, O. TER., May 18, 1897.—*Gentlemen:* Mr. Thrash has received his Riding Cultivator and it works fine. Enclosed 27
you will find draft in settlement of the same. We will be able to send you some more orders from here as fast as the
farmers learn what you are doing and can raise the money.

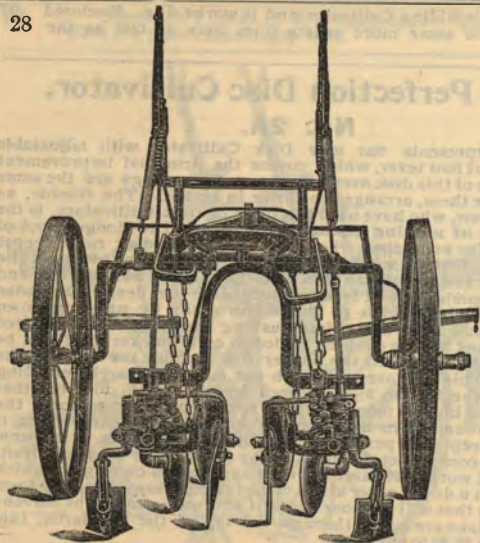
New Perfection Disc Cultivator.

No. 2A.

This cut represents our new Disk Cultivator with adjustable arch and patent foot lever, which covers the principal improvement and advantage of this disk over all others. The gangs are the same as others make them, arranged to throw in or out. The trouble, as all farmers know, who have used this class of Disk Cultivators, is the impossibility of moving them in the ground to dodge crooked rows. They also know that when one side of the disk runs deeper than the other, that the whole business at once rushes towards the shallow side, and we utilize this principle in our new device, and by use of our combined foot lever connected to our device, we raise the side to which we wish to move the disks by pressing down with the heel and at the same time pushing the gang in the desired direction. Thus we are enabled to dodge corn quicker than can be done in any other way, and the harder the ground, the quicker the disks move. This improvement, with our adjustable arch, enabling us to run the wheels from $3\frac{1}{2}$ feet to 5 feet in width, foot lift that raises the disks high to move or turn, spring pressure to force the disks in the ground when hard, or the spring lift to carry them if they run too deep, with perfect adjustability to any width, or to throw to or from the corn, to set the disks at any angle, with no neck draft, an evenor that works the same as on a wagon, and a carriage to which you can attach a dozen other kinds of useful machines, certainly form a combination that will get your order if you understand the advantages. The disks are oiled through the top of the standards; this alone is worth \$5 00 to any man.

Price of Disk Cultivator, complete, including the **\$25.00**
Adjustable Arch, which goes with all Disk Cultivators,
All Mystic or Perfection attachments go on this machine.





THE NEW MYSTIC No. 3A.

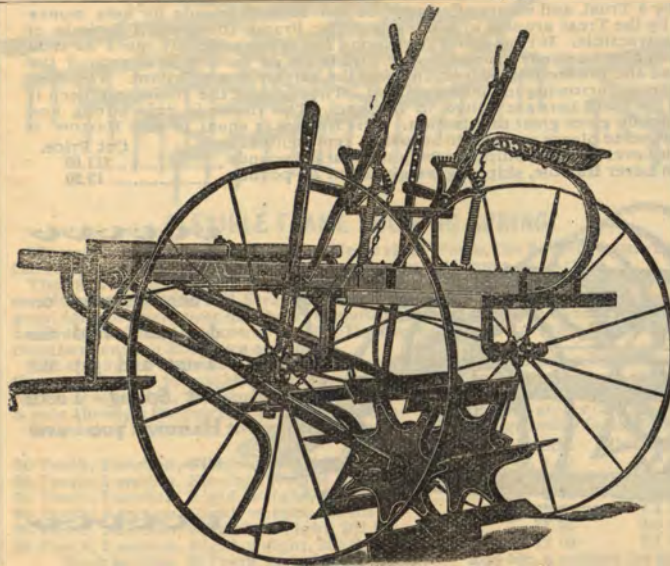
This cut represents our New Mystic with Disks and Shovels combined. The front disks are set to throw the earth from the corn. The next two are set to throw the earth back to the plant, and by setting the shields high enough to let the earth roll around the plant there is no doubt in the world that a better job can be done in small corn than in any other way, or with any other Cultivator. Every practical farmer knows how hard it is to stir the ground close to small corn. This device solves the problem and makes it easy. We use the shovels in the center because they are easier to swing in the ground and break up the middle better than another disk. We, however, furnish them with the shovel or disk at same price. Also furnish shovels in place of the middle disks if preferred. This Disk Cultivator is furnished with our new patent device for swinging or moving the disks in hard ground, by which the operator raises the disks on one side and pushes them at the same time in the desired direction. This is the greatest invention ever made for handling disks, and makes work easy that was impossible before. Read full description of Disk Cultivator No. 2. All attachments that go with the Mystic Cart and the Perfection Cultivators go with this. The adjustable arch goes with all Disk Cultivators without extra charge.

For general description of this machine carriage see Improved Perfection No. 1 and the Mystic Cart.
 Price Complete with Adjustable Arch, as shown in cut, or with 4 Shovels and 2 Disks \$25.00
 Corn Saver Rake with Malleable Holder, Extra..... 25c

MCDONALD, Kas., Nov. 16, '98.—Enclosed find draft in settlement for the No. 12-20 Disc Drill throwing both ways,
9 $\frac{3}{4}$ ins. apart. It works fine and is certainly the best tool I ever had on the farm.

THOMAS COLE.

29



No. 11. THE MYSTIC CART.

WITH COTTON AND CORN STALK CUTTER
ATTACHMENT, 7 KNIVES AND NO AXLE
PASSING THROUGH THE HEAD.

It has the same general management as the Cultivator. The cutting is done by the pressure of the spring and weight of the cutter head, and any power can be applied that is necessary to do the work. The stalk rakes are lifted automatically when the cutter is raised. There is no weight on the horses necks and the entire machine is covered so that neither boys nor lines can get into the knives.

The wheels running into low places has no effect on this Cutter, as there is plenty of room under the machine, and the springs allow the head to raise so that the knives are never crushed into the ground so deep that they cannot work and causing them to pull hard. This machine can be changed to a Disk or Shovel Cultivator in a few moments, and we furnish the attachments at a nominal sum.

Price complete, 7 Knives, shipping wt., 400.....	\$24 00
Price complete, 5 Knives, shipping wt., 350.....	22 00
Price of Attachment, where you have any other Mystic, shipping wt., 180.....	12 00

OUR NEW PERFECTION SPRING TOOTH HARROW.

It is not controlled by a Trust, and we are offering it to our farmer friends for less money than Harrows controlled by the Trust are sold at wholesale. The Frame constructed entirely of steel makes it almost indestructible. It runs above the ground and is supported by shoes so it is not liable to gather trash or clog in weedy ground, but should it do so in very foul ground the levers can be thrown ahead and the teeth all raised, clearing the harrow in an instant. The runners prevent the harrow from burrowing in mellow ground. They protect the frame and keep it from wear. The pivots of the tooth bars are bolted to the bars. The frame is very strong and flexible and by its construction gives great satisfaction. This Harrow is equal to any Harrow on the market and is guaranteed to please you and to be just as represented.

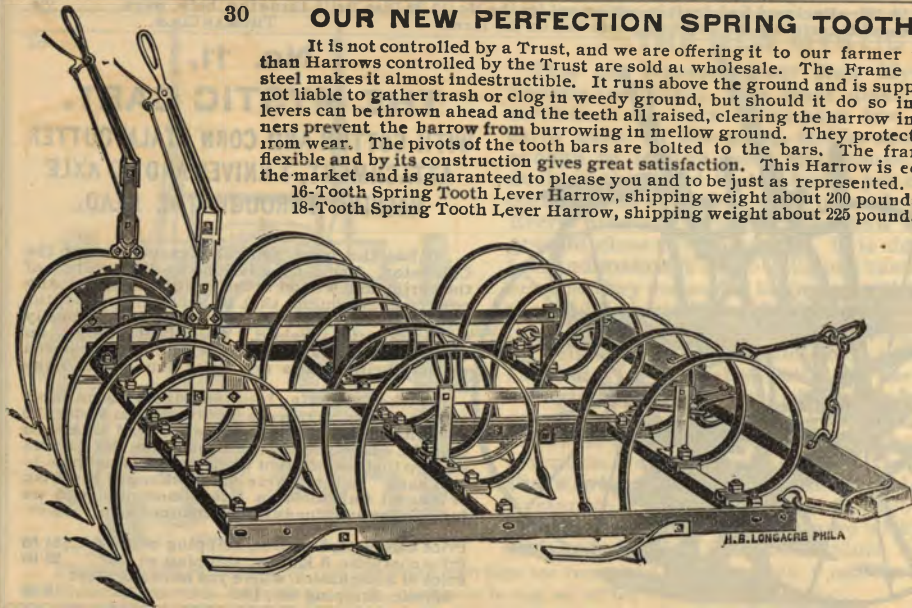
16-Tooth Spring Tooth Lever Harrow, shipping weight about 200 pounds

18-Tooth Spring Tooth Lever Harrow, shipping weight about 225 pounds

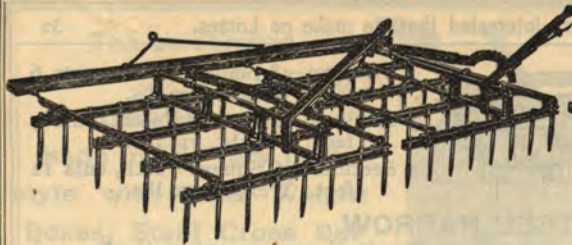
Cut Price.

\$11.00

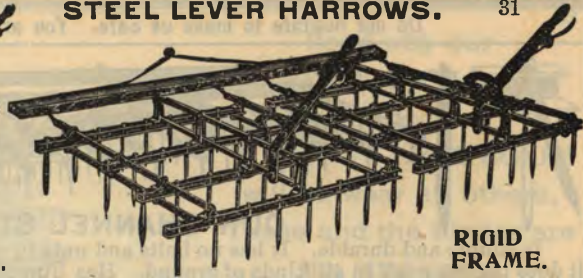
12.50



Send us your order and avoid the Trust and get the best Spring Tooth Harrow you ever run.



FLEXIBLE FRAME SHOWING SPRING.



RIGID FRAME.

We make these Harrows with flexible or rigid frame, the flexible frame having the cross or truss bars only on the top, while the rigid have the cross bar or truss bar across both top and bottom.

The rails are made of **Channel Steel**, very light and very strong, with a square hole at the bottom and round hole at the top, enabling us to get the **full Strength of the teeth**, which are fastened in by a hexagon nut on top of the rail. This harrow is a great improvement over any harrow made and has features covered by our patent that no farmer would do without when once understood. The cut above of flexible Harrow shows our spring device which we can put on either style Harrow at an additional expense of 50 cents a section.

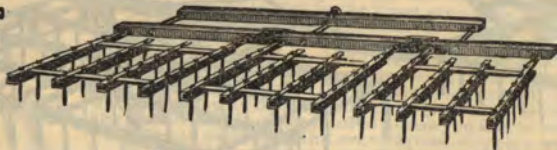
The spring gives the teeth a **Vibrating or Dancing Motion** that keeps them from gathering trash—causes them to pulverize the ground more thoroughly than any other and thoroughly protects the teeth or frame from being injured or bent by striking an obstruction. The springs can be changed to the ordinary style by changing a pin from the hole in front of the casting to a hole **through** the casting, and thus give the operator both styles of Harrows in one, at but a small difference in price.

The easiest harrow on the market to set up, the castings being fastened to the rails and the cross bars attached with bolts.

	Price ½ Teeth.	Cut Price.		Price ⅝ Teeth.	Cut Price.
64-Tooth, 2 section, Flexible, weight, 180 lbs.....	\$ 9 00	\$ 8 00	Weight, 200 lbs.....	\$10 00	\$ 9 00
96-Tooth, 3 section, Flexible, weight, 250 lbs.....	13 75	12 75	Weight, 350 lbs.....	15 25	14 00
64-Tooth, 2 section, Rigid, weight, 190 lbs.....	9 75	9 00	Weight, 210 lbs.....	10 75	10 00
96-Tooth, 3 section, Rigid, weight, 260 lbs.....	15 00	14 00	Weight, 310 lbs.....	16 50	15 25
80-Tooth, 2 section, Flexible, weight, 200 lbs.....	11 00	10 00	Weight, 250 lbs.....	12 00	11 00
80-Tooth, 2 section, Rigid, weight, 210 lbs.....	12 00	11 00	Weight, 260 lbs.....	13 00	12 00
Each section, 32 Teeth, cuts 4 feet 8 inch.			Add 50c, a section for Springs.		
			Each section 40 Teeth, cuts 5½ feet.		

Do not hesitate to make us Safe. You are interested that we make no Losses.

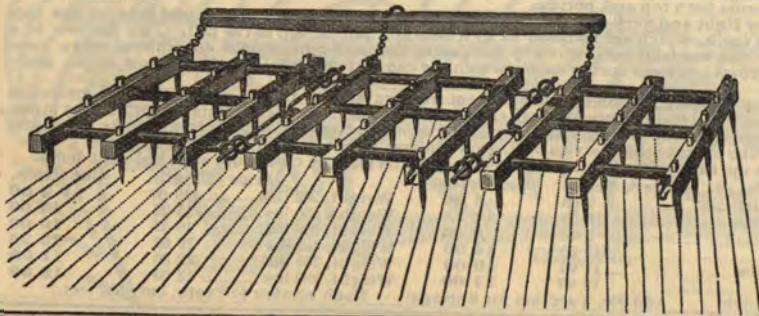
32



- 2 Sections, 48 Square Teeth, cuts 6 feet; Weight, 130 lbs.
- 3 Sections, 72 Square Teeth, cuts 9 feet; Weight, 210 lbs.
- 4 Sections, 96 Square Teeth, cuts 12 feet; Weight, 250 lbs.

OUR CHANNEL STEEL HARROW.

Is simple and durable. It has no bolts and nuts to work loose. The teeth reverse automatically, and it does perfect work in all kinds of ground. Has hinged draw bar and same channel steel rail as on our Lever Harrow.



VIBRATING HARROW.

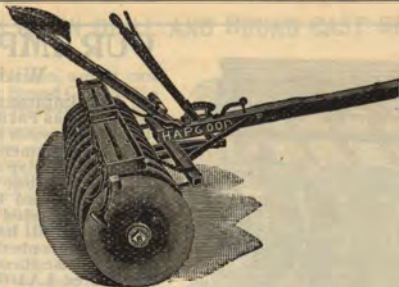
OAK BEAMS AND SPOOLS,
STEEL TEETH.

With either Square or Diamond
Half-Inch Teeth.

When Diamond Teeth are
ordered, add 2 cents per tooth
extra to list price.

STRONG AND DURABLE.

The celebrated
"LaDow"
 Disc Harrow,
 made in our very best
 style with Steel Weight
 Boxes, Steel Cross Bar
 and Best Steel Blades.



Read why our
STANDARDS - -
 or
- - - AXLE BOXES
 will outwear all others.
 These and the Blades are
 the vital parts.

OUR NEW STYLE STEEL FRAME DISC HARROW.

Arranged to use three or four horses and furnished with three or four horse Eveners, as ordered.

See Disc Drill, page -

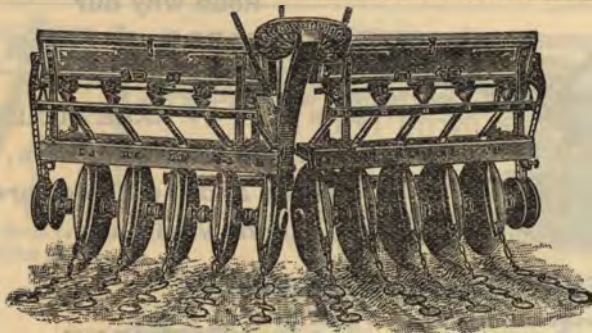
See Disc Seeder, page

Made in the following sizes: No. 1, 12-16 inch Discs, cuts 6 feet; No. 2, 14-16 inch Discs, cuts 7 feet; No. 3, 16-16 inch Discs, cuts 8 feet; No. 4, 12-20 inch Discs, cuts 6 feet; No. 5, 14-20 inch Discs, cuts 7 feet; No. 6, 16-20 inch Discs, cuts 8 feet.

The above cut shows our STEEL DISC HARROW, made under the celebrated "LaDow" Patents, and is the only Disc made that the boxing will not wear out with the side pressure. The two inside ends of the sections butt together and support each other and they will last longer than the blades. All others wear out in a short time. The boxing is oiled through the top of the standards, putting the oil just where it is wanted, and where the dirt and sand can't interfere. We build them with steel weight boxes, which is necessary as there are times when a Disc is no good without them, many others have none and are surely not perfect machines. We attach either Broadcast Seeders, see page 33, or Drills, see page 32, to all our Discs and make them any size. They draw from the center of the axle, and are warranted to have no side draft or weight on the horses' necks. Compare our prices with others and you will buy the Hapgood. Warranted to give satisfaction.

SOLD COMPLETE WITH 3 OR 4 HORSE EVENER AND THE BEST STEEL BLADES THAT MONEY CAN BUY.

No. 1, 12-16 in. Discs, cut 6 ft., 400 lbs., \$20 00	Cut Price, \$18.00	No. 4, 12-20 in. Discs, cut 6 ft., 425 lbs., \$22 1	Cut Price, \$20.00
No. 2, 14-16 " " " 7 " 450 " 22 00	" " \$20.00	No. 5, 14-20 " " " 7 " 525 " 25 00	" " 23.00
No. 3, 16-16 " " " 8 " 500 " 25 00	" " 23.00	No. 6, 16-20 " " " 8 " 575 " 28 00	" " 26.00



OUR IMPROVED DISC DRILL,

With Discs $9\frac{1}{2}$ inches apart.

This improvement was made at the suggestion of Practical Kansas Farmers, and after a year's test in the field has proven such a great success that we have no hesitation in recommending them over all others and guaranteeing them to give satisfaction.

The fact that we could not fill our orders last year for Disc Drills, and that many manufacturers are this year putting untried Disc Drills on the market, shows that the Disc Drill has come to stay, and that they will entirely supersede the old Shoe and Hoe Drills.

Our Disc Harrows and Drills are all built under the celebrated LADOW and Budlong Patents, and are the only Discs made that will not wear out the boxing with side pressure, and will wear five times as long as others. The oiling device alone is worth \$10 over others. They are stronger than any other, and will drill in the hardest Kansas stubble field without plowing or previous preparation.

Being wide apart the discs will not clog up but will work in corn stalks or anything else where a common drill could not go a yard. Drilling the rows $9\frac{1}{2}$ inches apart leaves a space that is not broken and the earth from the discs that is thrown up on this space acts as a mulch and the ridge retains the moisture, and in stubble ground leaves a row of stubble that prevents the wind blowing the grain out, and also keeps the snow from blowing away. (Kansas farmers are enthusiastic over the last two points.) In fact they will work anywhere the others will, and many places where the others cannot work at all. There is no neck draft, no side draft, driver sits where he can see the grain go into the ground, and know that the machine is working right. It can be changed to a regular Disc Harrow at a trifling cost; will sow perfectly from half bushel to four bushels to the acre. (Please note that our all-one-way drills are also made to drill $9\frac{1}{2}$ inches apart.)

Price of 8-20 Disc Drill, $9\frac{1}{2}$ in. apart, $6\frac{1}{2}$ foot cut \$36.00

Price of 10-20 Disc Drill, $9\frac{1}{2}$ in. apart, 8 foot cut 41.00

Price of 12-20 Disc Drill, $9\frac{1}{2}$ in. apart, $9\frac{1}{2}$ foot cut 46.00

Price of 4-20 inch Discs with Attachment to change to Regular Disc Harrow 4.00

No scrapers furnished because not needed. 20-inch Discs only. Send for Catalogue and Price List showing Discs $6\frac{1}{2}$ inches apart. Special Machines also furnished with Disc 8 inches apart. Same Price.

DISC HARROW, WITH GRAIN DRILL AND BROAD CAST SEEDER ATTACHMENT.

35

The cut shows the Drill ready for operation, and it can be changed in a few minutes to a regular Broad Cast Seeder, when you can work any where a Disc Harrow will go.

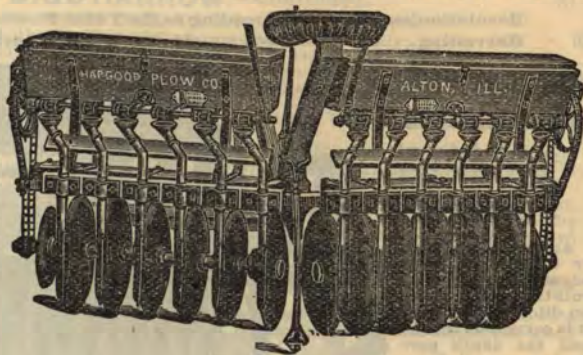
Please notice the following advantages: The Drill Pipes can be set up or down to suit the operator. The Boxes are set apart so they will not strike together when at work. We use 12 Seed Cups, or double the number others do, and thus the grain is distributed evenly, regardless of the wind or side hills. The Covering Blades in the centre not only cover the grain but levels the ground.

The Drill deposits the grain at a uniform depth where it is all covered, and can be set to sow any depth not deeper than the Discs run. Can be thrown out of gear on one side, leaving the other to work, and enabling the operator to sow a narrow strip when finishing a land, or running near the fence. It has an adjustable chain tightener, and enables you to take off and put on the chain without trouble. The Drill can be taken off and the Disc used separately.

The Shields at the end prevent the dirt from interfering with the Driving Sprocket Wheel.

It has a perfect Index showing the quantity sown to the acre. It has a perfect Force Feed.

We warrant our Improved Drill to work in as many kinds and conditions of work as any Drill made, and to do good work in places where no Shoe or Hoe Drill will work, but there are places and conditions where it will not work, and in such case the Broad Cast Seeder Attachment which goes with all Drills, covers the case and makes a machine that the farmer can always work



No. 4A.	12-20 inch Disc Drill, 4 horse hitch, weight, 700 lbs., price.....	\$40 00
No. 5A.	14-20 " " " " " " " 750 " "	45 00
No. 6A.	16-20 " " " " " " " 800 " "	50 00
No. 1A.	12-16 in. Disc Seeder, 3 or 4 horse hitch, 550 lbs., \$33 00	
No. 2A.	14-16 in. " " " " " " " 600 " " 36 00	
No. 3A.	16-16 in. " " " " " " " 650 " " 40 00	
No. 4A.	12-20 in. Disc Comp., or 4-horse hitch, 600 lbs.	\$36 00
No. 4A.	12-20 in. " " " " " " " 700 " " 39 00	
No. 6A.	16-20 in. " " " " " " " 750 " " 45 00	

MOST VALUABLE INVENTION OF THE AGE.

36 Revolutionizes the work of seeding as the Twine Binder did the Harvesting. We could not supply the demand last Fall.,,

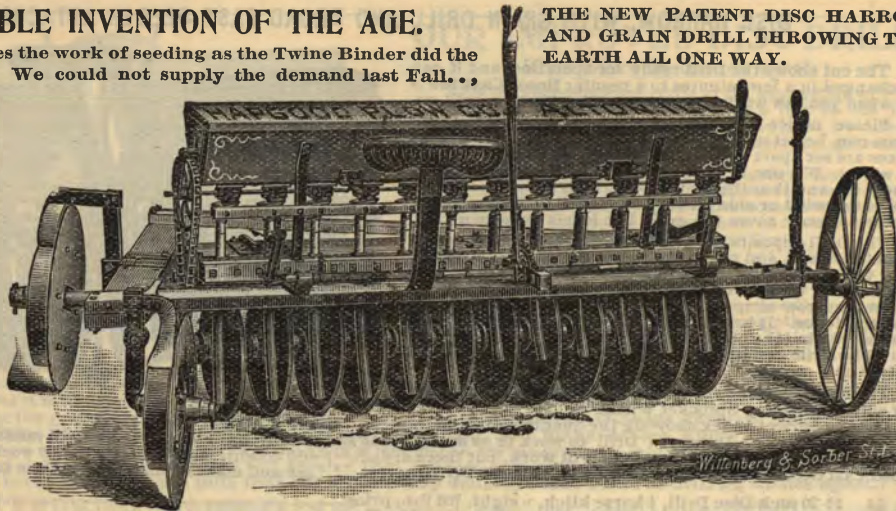
JUST WHAT YOU ARE LOOKING FOR.

A Wood Guard
Wheel slips over
tire of left wheel
when moving
over roads.

Any practical Farmer will appreciate its advantage on a moment's thought. It leaves no ditches or ridges. It is carried on wheels and the depth perfectly controlled by the lever, while at the same time the Discs are always running at full angle. Can be moved about the farm without injury to the Discs. We furnish a

Guard Wheel to protect the Knife on the Bull Wheel when moving. No side draft. The wheels on the left take all the side pressure. Flexible Tongue. No draft on the horses' neck. Rear caster wheel, enabling the machine to turn easily at the end. We use the same Standards and Boxes as on our regular Discs, oiling down through the tops of them. The Drill or Broadcast Seeder Attachment can be taken off at any time. Sold under our strong guarantee to work anywhere that the Discs will clean or scour. We also have Disc Drill and Seeders throwing earth both ways. See description in this Catalogue.

THE NEW PATENT DISC HARROW
AND GRAIN DRILL THROWING THE
EARTH ALL ONE WAY.



DESCRIPTION OF NEW DISC HARROW.—Continued.

37

THROWING EARTH ALL ONE WAY WITH THE DRILL ATTACHMENT.

We claim the following advantages for this Drill over all others, either of the Disc or Shoe Drill family:

- 1st. All the advantages claimed for the Disc Harrow apply to the Drill, only in a greater degree.
- 2nd. The Disc Drill when sharp and polished will cut through sod and trash and run where no other Drill can go.
- 3rd. It drills the grain in rows only $6\frac{1}{2}$ inches apart, so that the grain is more perfectly distributed and less liable to grow with a row of weeds alternating with the grain.
- 4th. The Discs perfectly cultivate the ground at the time of putting in the grain, and leave it in better condition than any other.
- 5th. The grain is deposited in the bottom of the trench behind the discs, and is put in at a uniform depth and covered perfectly as deep as required, and thus needs no wheels behind to help cover the grain, (the wheels make furrows over the rows of grain and may cause the wind to blow it out of the ground.)
- 6th. The Drill Pipes are adjustable so that the grain can be discharged at any height desired, which is an important point, as when cutting in sod or shallow work the pipes must discharge the seed near the ground or it will scatter and not fall in the furrow and be left on top of the ground, while in soft ground or where it is desired to put the grain deeper, the pipes should be raised to prevent them clogging and to plant the seed at less depth than disc runs. Don't forget this point when selecting a drill.
- 7th. The driver at all times can see the cups and drill spouts, and know that they are working perfectly.
- 8th. We guarantee our seeding apparatus to be as good as any made, and to sow from a half bushel to four bushels to the acre perfectly, if the grain is dry and clean.
- 9th. All of our drills are furnished with our Broadcast Seeder Attachment, and the drill can be changed to a Broadcast Seeder and vice versa, in a few moments time. This is a great advantage, as there are times and conditions when no drill can work, and this enables the farmer to continue his work rain or shine.
- 10th. This Disc Harrow is a perfect Cultivator and Weed Killer, and the best machine made for cultivating summer fallow.

PRICE LIST.

No. 4X.	12-20 in. Discs, harrow only, cut $6\frac{1}{2}$ feet, Discs $6\frac{1}{2}$ in. apart, weight, 900 lbs., price.....	\$35 00
No. 5X.	14-20 " " " " " $7\frac{1}{2}$ " " $6\frac{1}{2}$ " " " 1000 " "	38 00
No. 6X.	16-20 " " " " " 8 " " 6 " " " 1100 " "	41 00

4XS. 12-20 Disc Harrow and Seeder, $6\frac{1}{2}$ ft., 1100 lbs., \$50 00; 5XS. 14-20, \$54.00; 6XS. 16-20, \$58.00

4XD. 12-20 Disc Harrow and Drill, $6\frac{1}{2}$ ft., 1200 lbs., 55.00; 5XD. 14-20 60.00; 6XD. 16-20, 65.00

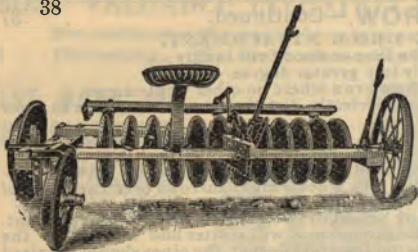
Take off wood guard wheel when using. All sizes over 12-20 made only on orders. We also make the above Disc Drill with the discs and drills $9\frac{1}{2}$ in. apart. Read what the Kansas farmers say of this plan and see this catalogue for further description

PRICE LIST OF ALL ONE WAY DRILL, DISCS $9\frac{1}{2}$ INCHES APART.

8-20 in. Discs, cutting $6\frac{1}{2}$ feet.....	\$52 00	5-20 Discs and fixtures to change to 14-20 pulverizer.....	\$ 5 00
4-20 discs with fixtures to change to regular Disc Harrow 4.00		10-20 in. Discs, cutting 8 feet.....	60 00
9-20 in. Discs, cutting 7 feet 3 inches.....	55.00	6 Discs with fixtures to change to reg. 16-20 pulverizer.....	6.00

No Broadcast Seeder furnished with this Machine $9\frac{1}{2}$ in. apart.

NEW PATENT DISC HARROW



With Discs throwing all one way. Is carried on wheels and with a Flexible Tongue. We claim the following points of superiority over all others:

The discs being in one gang and turning the earth in one direction. There is no ditch left in the middle nor any ridge made where the earth laps or comes together. All farmers who have used the old style discs will see the advantage of this point.

It being carried on wheels the depth can be perfectly controlled and the discs still run at full angle without running so deep the team can't pull it. The old style disc when set at full angle in soft ground runs too deep, and when the angle is changed to keep it out of the ground it does not do good work.

The disc is always run with full angle and thus does good work in any kind of ground.

It can be raised off the ground to move about the farm or to turn around at the end of the land.

It has strong, durable and adjustable wheels with movable boxes to take the side push, and has no side draft, the wheels having flanges cutting in the ground deep enough to support the side pressure and prevent all side draft.

The discs can be raised or lowered in an instant without stopping the team and from the driver's seat.

We use polished discs and furnish no scrapers as where a disc will not run without scrapers, it will not do good work with them, and when polished they will clean where the ground is fit to work.

Having a flexible and adjustable tongue, there can be no side draft or weight on the horses' necks.

The rear wheel being a caster wheel, the machine is very easy to turn at the ends when it is unlatched.

Our disc boxes are oiled through the top of the standards, the oil going just where wanted, and the oil holes being where no dirt can get in them.

All of our new discs are sent out fitted for receiving our Drill attachments or Broadcast Seeder Attachment; and they can be put on by any one without trouble.

Any boy large enough to handle a team can raise this disc out of the ground and adjust it, without leaving his seat.

If it is necessary to move the disc over rocky ground, the flanges or the knives on the wheels can easily be taken off by removing four bolts. See description of same machine as a Disc Drill on opposite page.

This Disc Harrow is a perfect Cultivator and Weed Killer, and the best machine for cultivating summer fallow.

Send for circular containing names and testimonials of parties who have used them.

No. 4X.	12-20	men	Discs,	Harrow	only,	cut	6½	feet,	weight,	900	lbs.,	price	.....	\$35	00
No. 5X.	14-20	"	"	"	"	"	7½	"	"	1000	"	"	.....	38	00
No. 6X.	16-20	"	"	"	"	"	8½	"	"	1100	"	"	.....	41	00

READ WHAT FARMERS SAY WHO HAVE USED THEM.

HAPGOOD PLOW CO., Alton, Ill. Gentlemen:—Enclosed please find draft in settlement of the No. 4 X D. 12-20 disc drill, throwing all one way. I like it very much. I tried it in heavy corn stalk land plowed under and it worked all right, also on stubble that was turned in August and was covered with voluntary oats. I think it is the best implement for destroying voluntary oats I ever saw, which is a very strong feature of the Texas trade. Wishing you all possible success in your efforts to deal direct with the farmer, I am
S. M. DANIEL.

Iowa Park, Tex., Oct. 21, 1897.

HAPGOOD PLOW CO., Alton, Ill. Gentlemen—Enclosed find draft and order for 9 of the Disc Drills throwing earth all one way. There will be a great many of them wanted here, as one machine we bought last season has demonstrated to every practical farmer that it is just what he is looking for. We expect to send you a great many additional orders.

Iowa Park, Tex., July 19, 1898. See the Date.

Notice how they take with the practical farmer when introduced. Yours truly,

S. M. DANIEL.

Helca, S. D., July 22, 1897.

HAPGOOD PLOW CO., Alton, Ill. Gentlemen:—I have the best wheat in this neighborhood and many farmers have come look it over and examine the disc drill, throwing all one way, with which it was put in. The piece contains about 76 acres and is even throughout, there being no light spots in it. Some of our best farmers have expressed their determination to have it before next seeding time.

S. A. BUCKMASTER.

El Reno, Okla., May 11, 1898.

HAPGOOD PLOW CO., Alton, Ill. Gentlemen:—The disc drill throwing all one way, which I bought last season, gave me perfect satisfaction. I plowed 225 acres of wheat with this disc drill, and it looks very fine.

JACOB GOENAWERN.

Athens, Ore., June 20, 1898.

HAPGOOD PLOW CO., Alton, Ill. Gentlemen:—The two Disc Drills throwing all one way, arrived all right. I put them to work on summer fallow and they work to perfection. Everyone who sees them think they are just what they need, and I am at work making up a carload order.

Yours truly,

SAM'L P. PURDY.

Victoria, Kan., Aug. 26th, 1897. See the Date.

HAPGOOD PLOW CO., Alton, Ill. Gentlemen—Please ship three all one way Disc Drills as quick as possible.

Yours truly,

MICHAEL KUHN.

Victoria Kan., Sept. 1st, 1897. See the Date.

(By telegraph.) HAPGOOD PLOW CO., Alton, Ill. Send six Disc Drills the quickest way possible. Money deposited in the bank. Farmers waiting. Truly yours,

MIKE KUHN.

Victoria, Kan., July 21st, 1898. See the Date.

HAPGOOD PLOW CO., Alton, Ill. Gentlemen—Please find enclosed \$500. Ship me the following Car of Goods, Wagons, &c., including 12 No. 12-20 Disc Drills throwing the earth all one way; same as we had last year. This machine is giving perfect satisfaction and we expect to sell a great many of them. Will send Drafts for balance when car arrives.

Yours truly,

B. BRUNGARDT.

Does not this tell its own story, we can please you just as well. We want you to investigate this machine. No other machine earth like it. Just the thing for Hard Ground. Write to any party whose name is given. We have hundreds of letters like this. Give it a trial. Pay your money when you find it all that is represented. Send your order to Hapgood Plow Co. Alton, Ill.

OUR ADVANCE AGENT PLOW.

We offer you this Special high grade Plow which we are selling at cost for advertising purposes on the same theory that the grocer-man sells you more sugar for a dollar than he can buy, to induce you to call and get acquainted. So we hope to make your acquaintance and be given an opportunity of explaining our method of selling direct to the consumer at wholesale prices, getting rid of middle-men, their profits and expenses.

This Plow is made with our celebrated Hardened Soft Center Double Mould-board (not welded shin). The Land-side is 3 inches wide and highly tempered soft center steel. The share is our special steel share made for this plow only. The entire plow is finely polished all over, and guaranteed to scour in any soil where any plow will scour. It is a dandy. We guarantee it unconditionally to satisfy you or it can be returned at our expense and your money will be refunded.



Price 12 -inch, \$7.00; 14-inch, \$8.00; 16-inch, \$9.00; 18-inch, \$10.00.

Price of Extra Steel Shares when ordered with the Plow only :

12-inch, \$1.50; 14-inch, \$1.75; 16-inch, \$2.25; 18-inch, \$2.50.

Extra Cast shares, Right-hand :

12-inch, 50c; 14-inch, 60c; 16-inch, 75c.

Self-Sharpening Shares, either cast or steel, 25c extra.

THESE PRICES ARE STRICTLY CASH WITH THE ORDER.

At these prices we cannot afford to open book accounts.

Our guarantee is to please you. If, after one day's trial, it is not satisfactory, ship it back to Alton at our expense and your money will be refunded.

SHIPPING DIRECTIONS. Ship over same road you received it; mark the bill of lading "Return to Factory for Repairs;" send bill of lading to us.

We guarantee if you once commence buying direct from the factory, and learn how safe, easy and **PROFITABLE** it is you will never buy your goods in any other way. In some communities a farmer is not considered smart who does not buy his goods direct from the factory. Try one of our Advance Agents, tell your neighbors and friends, and let us hear from you often.

Yours for Business,

SEE PICTURE OF PLOW IN COLORS.

HAPGOOD PLOW CO.



STEEL BEAM
DOUBLE BOARD,

Figure No. 1 shows sectional view of Plow with Single Shin
Figure No. 2 shows sectional view of Plow with Patch or Welded Shin.
Figure No. 3 shows sectional view of Plow with our Double Mold Board.

Made both Right and Left Hand.

**MADE WITH HEAVY, SOLID STEEL POINTS AND WIDE SHARES. WARRANTED TO SCOUR
WHERE OTHERS FAIL, EASY DRAFT, AND RUN LEVEL.**

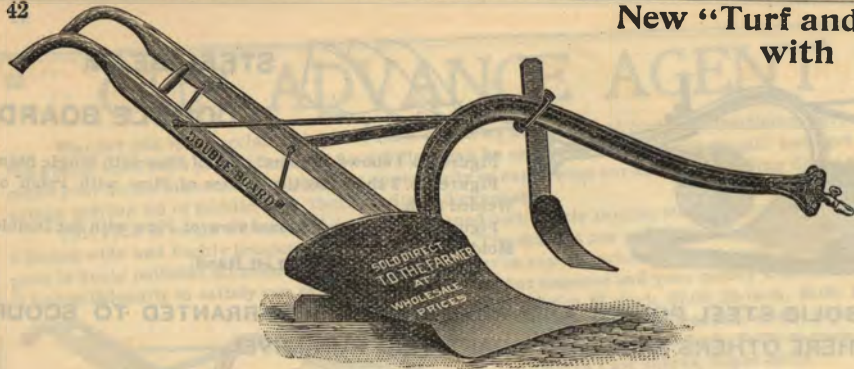
Made also in Single Shin. Cutters extra. We can furnish cast shares for all R. H. Plows over 11-in.

															Wt.	Price.	
D12.	12-in.	cut Hardened Soft Center Dble,Bd. Steel,W. Share,	Heavy Points and High Landside,												90lbs.	\$9 00	\$ 8 50
D14.	14 "	" " " " " " " " " " " "	" " " " " " " " " " " "												100lbs.	10 40	10 00
D16.	16 "	" " " " " " " " " " " "	" " " " " " " " " " " "												110lbs.	11 50	11 00
C12.	12 "	" " " " " " Single Bd. " " " " " "	" " " " " " " " " " " "												80 lbs.	8 00	.....
C14.	14 "	" " " " " " " " " " " " " " " "	" " " " " " " " " " " "												90 lbs.	9 40	.....
C16.	16 "	" " " " " " " " " " " " " " " "	" " " " " " " " " " " "												105 lbs.	10 50	.....
E12.	12 "	" " " " " " " " " " " " " " " "	" " " " " " " " " " " "												Low Landside, 85 lbs.	7 00	.....
E14.	14 "	" " " " " " " " " " " " " " " "	" " " " " " " " " " " "												95 lbs.	8 25	.....
E16.	16 "	" " " " " " " " " " " " " " " "	" " " " " " " " " " " "												100 lbs.	9 50	.....

13-inch Rolling Coulters when ordered with Plows, \$1.75 extra.

Heavy Welded Shin, Same as furnished by other factories at only 25 cts. extra. Dealers usually charge \$1.00 extra.

New "Turf and Stubble" Plow, with Jointer.



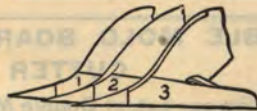
This cut shows our **Steel Beam 14-inch Plow with Turf and Stubble Board**. We can put this board on any of our plows, either 12-inch, 14-inch or 16-inch at **50c** over the price of the regular stubble board. It has a long sloping Mould-Board and turns the dirt easily. Does not pitch it, but covers trash nicely,

while for timothy sod, or other work where the soil is held together and does not break up like old ground, it is a beauty. We have adopted this board after careful investigation. We put out several hundred of them during last season and have not had a single complaint, while every one praised its work, and for **general purpose work** we highly recommend it. Owing to its being a larger board and requiring more steel we will ask only 50c extra, just enough to cover the exact cost to us. Try one.

NOTICE.—We often have calls for 12-inch plows with very heavy beams for hard work, and we will furnish:
 14-inch Beams in 12-inch Plows for 50c extra. 16-inch Beams in 12-inch Plows for \$1.00 extra.
 16-inch Beams in 14-inch Plows for 50c extra.

NOTICE OUR NEW DEPARTURE.—We now furnish all Walking Plows with heavy Welded Double SHIN for only 25 cents extra, the same that dealers have been charging you \$1.00 for. Do not confuse this with our Double Board. The difference is explained on Page 41.

Our C-14 Plow would be ... \$9.40 Single Board. Welded Shin \$9.65. Double Board \$10.40.
 Figure other Plows the same way. Jointers on any Plow, \$2.00 extra.

SEE OUR CUT PRICES**DOUBLE BOARD
AND
BENT STAND-
ARD PLOW.**

Showing how Rolling Coulter is Attached.

Figure No. 1 shows sectional view of Plow with Single Shin.

Figure No. 2 shows sectional view of Plow with Welded Shin.

Figure No. 3 shows sectional view of Plow with our Double Mold Board.

We are sole manufacturers of Double Boards, and also use shares $\frac{1}{2}$ inch wider than any other manufacturer, made with heavy steel points, guaranteed to be easy draft, run level, and scour where any plow will.

Made in Wood or Steel Beam, and we use the Double Board on all Sulkies, Gangs and Wheel Plows. The enormous sales for 10 years justifies us in stating that it is the **BEST PLOW** on the market, and no farmer can afford to buy any other. Read page and

We believe we are making the best Plow on the market, and putting more steel in the Board and Shares than any other manufacturer. All our 14 and 16 inch Wood Beam Plows will be sent with index Beams. (See cut and description page **Right hand Plows always sent unless Left Hand is ordered.**

										Cut Price.
B. 12.	Double Board,	Hardened	Soft	Center,	Steel,	Wide	Shares,	Heavy	Points,	and High Landside, Wt. 75 lbs. \$ 8 00
B. 14.	"	"	"	"	"	"	"	"	"	90 " 9 00
B. 16.	"	"	"	"	"	"	"	"	"	100 " 10 00

13-inch Cutter when ordered with Plow, \$1.75 extra.

JAMES, IA., April, 1898. Gentlemen.—The B-16 plow and rolling Coulter received and I am well satisfied with them. These two would have cost me \$18.00 in Sioux City, so that I saved \$6.00 on this small order. You will hear from me again.
Signed, FRED VAN DEBOGART.

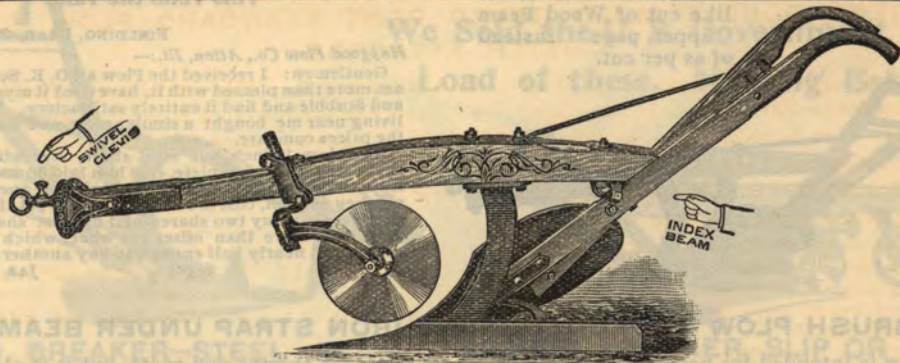
44 **PATENT DOUBLE MOLD BOARD BENT STANDARD PLOW WITH CUTTER ATTACHED.**

The cut on page 43 shows our patent Double Mold Board and Bent Standard Plow. The advantages of the Bent Standard are apparent to any one. We warrant the Double Mold Board to wear twice as long as the ordinary single shin, or the **Welded Double Shin as made by other manufacturers**. Any farmer that will examine our Double Mold Board will be convinced that it will wear twice as long as the **Ordinary Board** and is the **Cheapest Plow in the World**, as there is a **double thickness of steel in the face of the Board**, right where the wear comes.

In the same cut we show our new patent Cutter and Cutter Hub, with the manner of fastening and adjusting to the Plow beam. Other cutters attach to the **round part** of the beam and so far forward that they do not do good work, and **lift the plow out** of the ground. Our cutters attach to the **square part** of the beam and nearly over the cutter blade, and have a perfect crank adjustment. **Made for either wood or steel beam plows.**

Figure No. 4 shows our Cutter Hub proper, that cannot break and **never wears out**. No. 5 is the Hub Center or Thimble that works in the Hub. No. 6 is the **steel pin** on which the thimble turns, and if kept well oiled will last for years. The **Thimble and Pin** are the only parts that **can wear**, and are cheap and easily replaced. This **new Hub** can be put on any of **our old Cutters** without trouble, as *well as on most other kinds in the market*. The wearing parts of this Hub are made of the same combination as some mandrels that **turn 3,000 times in a minute**, and yet run for years. We confidently warrant this to be the best Cutter in the world, and shall put them on the market at prices as low as the ordinary Cutters. **We are sole manufacturers of Double Board Plows and Wide Shares.**

VERA, ILL., May 12, 1893.—Hapgood Plow Co., Alton, Ill.: Gentlemen—I got the Hapgood Planter all right and it works fine. I enclose you draft in settlement for the same. AUGUST TROIKE. 45



Curved Standard, Hardened Soft Center Steel Boards, SLIP SHARE, Right or Left Hand.

No. 6, 6 in. cut, Corn Plow, wt. 42 lbs....\$3 70	No. 10, Single Board, 10 in. cut, wt., 65 lbs.....\$6 00
" 7, 7 " " " " 45 " ... 4 00	" 11, " 11 " " 70 " 6 25
" 8, 8 " " " " 45 " ... 4 25	" 12, " 12 " " 70 " 6 50
We have Cast Slip Shares for all R. H. Plows over 11 inch.	" 14, " 14 " " 75 " 7 50
Do you want an "S." Mall Wrench, 10c; Monkey Wrench, 15c;	" 15, " 15 " " 80 " 8 00
14-inch file, 20c, when ordered with Walking Plows.	" 16, " 16 " " 95 " 8 50

Will have Side Clevis
like cut of Wood Beam
Clipper, page instead
of as per cut.



This Tells the Tale.

FIELDING, UTAH, Oct. 4, 1897.

Hapgood Plow Co., Alton, Ill.:—

Gentlemen: I received the Plow all O. K. Sept. 25th, and am more than pleased with it, have tried it myself in Brush and Stubble and find it entirely satisfactory. My brother, living near me bought a similar plow, and these are how the prices compare.

His plow, 12-inch, one steel share, one cutter, one cast share, one wheel complete, cost him laid down, \$18.50. My Hapgood Plow, 12-inch, two steel shares, one cutter and monkey wrench, cost me laid down here \$13 31, the difference between my two shares and his cast shares would a great deal more than offset the wheel which he got, so I saved \$5.19, nearly half enough to buy another plow.

Signed,

JAS. BOWCUTT.

BRUSH PLOW WITH CUTTER AND IRON STRAP UNDER BEAM.

This Plow is intended for new and brushy land where there are stumps and roots, but it is also a splendid old ground plow, having our regular stubble mould-board shape. It is also a very strong plow and often used for road purposes and gives perfect satisfaction. It has an iron strap under the Beam bolting to the standard. Is furnished with either Knee or (Quincy Cutter as shown in cut.) Quincy cutter being considered best and always sent unless otherwise ordered. A great many of these plows were used last season.

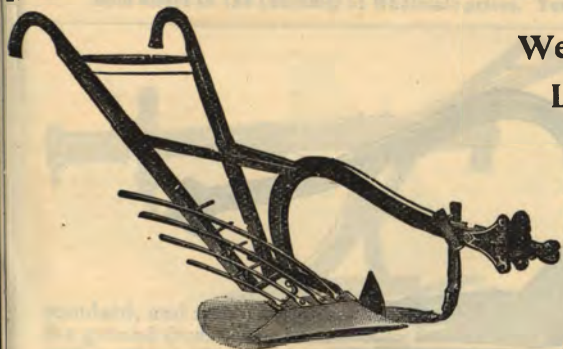
10-inch, weight, 80 pounds, price, \$7 50

11-inch, weight, 85 pounds, price, 8 00

12-inch, weight, 90 pounds, price, \$8 50

14-inch, weight, 100 pounds, price, 9 25

We Sold the U. S. Government a Car
Load of these. Nothing Better.



ROD BREAKER—STEEL BEAM AND WITH STEEL LANDSIDE.

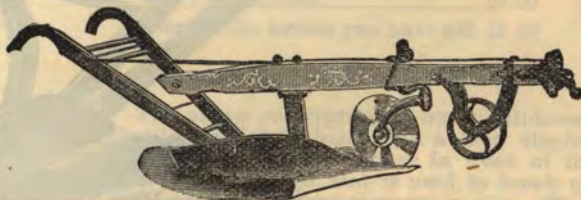
THE BEST ON THE MARKET. EXAMINE IT.

- 12-inch, with Steel Landside, Fin Cutter and Extra
Share. Weight, 75 pounds.....
14-inch, with Steel Landside, Fin Cutter and Extra
Share. Weight, 80 pounds.....
16-inch, with Steel Landside, Fin Cutter and Extra
Share. Weight, 85 pounds.....

\$6 00

6 50

7 00



PRAIRIE BREAKER, SLIP OR BAR SHARE.

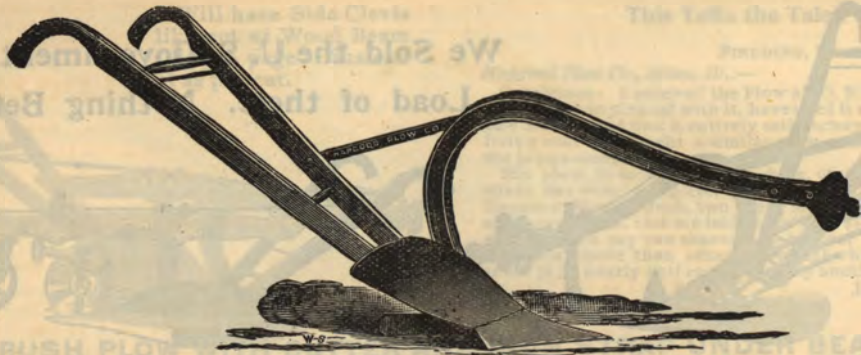
10-inch, with Rolling Cutter, Gauge Wheel and Extra
Share. Weight, 125 pounds.

12-inch, with Rolling Cutter, Gauge Wheel and Extra
Share. Weight, 130 pounds. \$10 00

14-inch, with Rolling Cutter, Gauge Wheel and Extra
Share. Weight, 150 pounds. 11 00

16-inch, with Rolling Cutter, Gauge Wheel and Extra
Share. Weight, 155 pounds. 12 00

13 50



We can furnish you with Sulkies, Gangs, Single or Double Wheel Plows, with Blackland boards.
We guarantee that there is no Board better adapted to Texas Blackland than this.

OUR NEW COTTON KING—STEEL BEAM.

MADE ALSO IN WOOD BEAM.

This is our Cotton King Plow with new shape boards, adopted after a thorough investigation of the requirements of a Plow for the Blacklands of Texas and the South.

Our Prices are so low you cannot afford to buy of anyone else. Send for Complete Southern Price List.

ALL OUR GOODS SOLD DIRECT TO THE FARMER AT WHOLESALE PRICES.

Send 10 cents. (to pay expense of mailing), and get FREE our large Implement Catalogue containing 1,000 Specialties Sold direct to the Consumer at Wholesale prices. You deduct the 10 cts. from first order.



THE "BULLDOZER."

For 2 to 4 horses.....\$ 8 00

For 3 to 6 horses..... 10 00

For all the horses you have got 12 00

Send for special Subsoil Circular.

The above cut represents our "Bulldozer" Subsoiler, which is built with a long sloping point, extending thirty inches in front of the standard, and raising with a gradual slope to the beam twenty-four inches high, and is used to break up the ground from six to twenty-four inches deep. They are built of any required strength or size. They will work equally well following other plows or breaking up from the beginning. We make them with a hardened steel strip two inches wide running up to the beam on the plan of the "Perine Plow," or with a share and low mould board, as shown in the cut of Subsoil on Sulky Plow, which we make of any required width from four to ten inches. This plan raises the subsoil **straight up four inches and lets it fall back**, pulverizing it thoroughly. The shares can be taken off and sharpened the same as the ordinary Walking Plow. We have found by experimenting with the "Dynamometer," that a subsoiler made on this plan pulls much easier and does better work than the hook or narrow point. Also being made with a landside it is far easier to hold and handle than the double share cutting both ways, and we have on that account **quit making the double point**. They are also more durable and stronger, as the double or lister style of point cannot be made strong. In ordering be sure and give the width of cut. We recommend the six-inch cut, as it will break up the bottom of any furrow from eight to sixteen inches wide.

BIRCHTON, N. Y., Dec. 8th, 1897.—I send you one S. S. Share and 4 common chilled shares. This one S. S. Share has worn out these four shares as you will see, plowing side by side. Signed, WILLIAM GRAY.

DO YOU USE CAST SHARES? READ THIS PAGE,

WHAT IS AN S. S. PLOW SHARE?

In answer would state it is the best Plow Share on earth.

S. S. means Self-Sharpening. The right-hand cut shows the corrugations, and as the



Plow wears up to these corrugations it becomes sharp. In addition S. S. Shares are so made that they always retain their proper shape. Common Shares wear blunt, and by a simple invention these shares actually sharpen themselves, keep their shape, and by actual experience are known to outwear two, three and four common shares in the same work.

In addition to furnishing these Shares for our own goods, we are also able to furnish over 100 different styles for Cast Plows made by other factories, including nearly the entire list of Oliver Cast Shares and the Syracuse Cast Shares. We have also applied this same principle to Steel Shares, Disc Blades, Cultivator Shovels and Harrow Teeth. We have not room here to fully describe this wonderful invention, but would be pleased to send you special descriptive Catalogue on receipt of your application.

The price of these Shares is only 25c more in cast and 25c more in steel than regular Shares. Disc Blades are 10c each extra. Cultivator Shovels, 5c each extra. We know this will interest every practical farmer who is looking for the best tools. Hundreds of testimonials can be produced showing that one of these Shares actually outwear three and four common Shares. Write for full information.

STEEL BEAM DOUBLE SHOVEL.

51

Five-Tooth Cultivator, Steel Frame, weight, 50 lbs., \$3 00

Wood Beam, Double Shovel, weight, 35 lbs. 2 00

Steel Beam, Double Shovel with Brake Pin, wght. 45 lbs., \$2.65

Five-Tooth Cultivator, Wood Frame, weight, 60 lb. \$2 50

Steel Beam, Double Shovel, weight, 40 lbs. 2 00

10-inch Single Shovel, Wood
Beam, weight, 35 lbs. \$1 75

12-inch, Single Snovel, Wood
Beam, weight, 40 lbs. 2 00

14-inch Single Shovel, Wood
Beam, weight, 50 lbs. 2 50

Add 50 cents net for runners
on single shovels.



Prices of Cultivator Teeth.

No. 1.....	18 cts. each; per set, (5)	85 cents
2.....	15 " " " "	60 "
3.....	13 " " " "	50 "

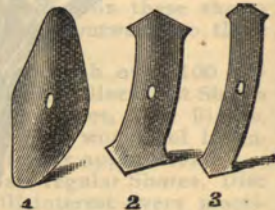
ALL STEEL 5 T. CUL-
TIVATOR WITH
WHEEL AND LEVER,
SHOWING ALSO HOE
ATTACHMENTS.

Our common at-
tachments are
cheaper, but have
not the solidity of
our Best Attach-
ments. We always
send Best Attach-
ments unless the
Common are or-
dered.

One Set Best Horse Hoe Attachments.



Our Best Attachments are strong and reliable; almost our entire trade order them, and we recommend them to the trade.



No. 1, Plain Cult'r, wt. 70 lbs., \$3; No. 2 do, & lever, wt. 75, \$3 35
Wheel attachments ext., for either Cult, or Harrow.....\$ 40
Best Horse Hoe Attachment, per set.....1 00

Common Attachments, per set.....80
14-tooth Harrow Cultivator, plain, wt., 75 lbs.....3 00
" " " with lever, wt., 75 lbs.....3 50

READ THIS PAGE, YOU WILL FIND IT INTERESTING.

53

.. .. .

The preceding pages contain cuts and descriptions, together with the prices of all goods of our own manufacture. This small Catalogue as far as it relates to our own goods is complete and gives you full information. There is nothing either in description or price in our big Catalogue on these things that you do not find here, consequently you can place your order for these goods without further delay, as this is the object in issuing this small Catalogue.

OUR SPECIALTIES are now complete and cover everything in this line needed on the Farm. There are few factories manufacturing goods that will sell direct to the Consumer, but we have induced a great many of them to sell to us, and we give them to you with only a small profit added, enabling us to sell you all Specialties as cheap if not cheaper than the average Country Dealer can buy them.

These Specialties are STRICTLY FIRST CLASS, FULLY GUARANTEED both by ourselves and the manufacturers. We consider quality first, and price last. Our big Catalogue is now ready. We ask you to send 10 cents in stamps or silver to pay the expense of mailing. The Book itself is free, and we refund you the 10 cents on your first order for anything.

Our Buggy Catalogue shows over 100 different styles. Of Harness we show a large variety. On Sewing Machines we are particularly anxious to have your inquiries, as we are offering wonderful inducements on this class of goods, and at prices from one-half to one-third of what Dealers ask.

Should you want anything not shown in our Catalogue, write us and we will give the same our careful attention. We want your business and are confident we are entitled to it, and so confident that we are making you better prices than any Concern on Earth, that if you will send us cut and description from any Catalogue of goods in our line we will agree to duplicate them and give you 5 per cent discount off of the price quoted by any other Concern. With this guarantee you certainly can afford to trade with us always.

We request that you read pages 1, 2, 3, 4, 5, so as to understand our terms. Avoid mistakes and avoid delay. You will also avoid misunderstanding by reading the Catalogue carefully before ordering. Our terms are fair and liberal, and if they are not we ask you to tell us where they are wrong and we will try and fix them.

The reduction in our prices during the last three years certainly must show you that this method of doing business is entitled to your consideration and assistance. Not only have we saved the Farmer thousands of dollars on the goods they have purchased from us, but a great many more thousands by protecting them from high Prices from Dealers.

Soliciting your business and guaranteeing to give you satisfaction or refund your money, we are,

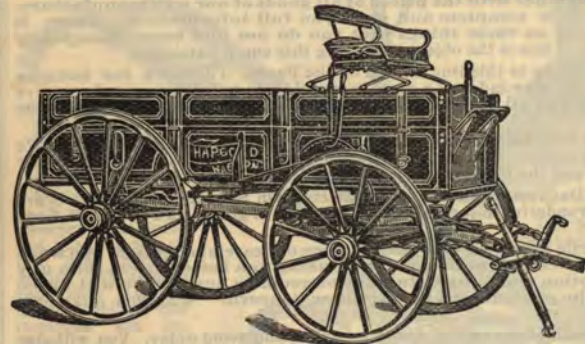
Yours very truly,

HAPGOOD PLOW CO.

Show Your Appreciation of Our Selling You Direct by Sending Your Order Now.

54

A STRICTLY FIRST-CLASS WAGON DIRECT TO THE FARMER AT WHOLESALE PRICES.



Made of the best seasoned material and careful workmanship. The axles are the very best selected Hickory. The timber in the running gear is the best selected White Oak. The wheels have a coat of hot linseed oil before being painted. Each axle has an improved truss skein and a flat strap of iron underneath connected by cuff bands at the shoulder, which greatly strengthens the axle. We warrant our wagon to be a light runner and first-class in all respects. Any breakage occurring within one year, caused by defective material or workmanship, will be made good to the purchaser; provided such imperfection can be shown to our satisfaction. Bottoms are double, where they rest on the bolster; round or square hounds; two box straps in the center on each side of the bed;

iron on top of bolster; two braces and a step on the outside; foot rest in front; **spring seat and lazy back;** **box brake and patent end gate;** eveners, neck yoke, and stay chains. Our Wagon is the handsomest appearing wagon there is on the market. You would think it was gotten up for a display at a Fair. The Box is painted a handsome imitation of natural oak grained wood, after a design of our own, and makes a beautiful appearance. The gears are painted red, all neatly striped and well varnished with the best of material. Its light running qualities and durable service is equal to any wagon on the market and at a price that will please you. No wagons sold on time or sent on trial at these prices, but every wagon fully guaranteed.

See big Catalogue for our Standard 8-in. Wagon Complete, with brake and seat, \$39.00, net cash.

BEARD, IND., July 10th, 1895.—The Buggy was received in good condition, and is up to standard in every respect, and I enclose my draft for same; also for the harness.

H. A. RICE.

55

OUR WHEELS

Are made of the very best quality of materials, by skilled and experienced workmen, and are guaranteed to be strongly built, and to stand up under all ordinary work on the farm for which low wheels are used. All wheels are warranted for one year, and if defective in material or workmanship, will be replaced by us free of charge, if returned to us.

WHY OUR METAL WHEELS ARE BETTER THAN WOOD.

Will last a life time.
Save all the cost of re-setting tire.
Make all the work of the farm lighter.
Will avoid all the annoyance of breaking down, as wooden wheels do, when most needed.
Save labor, save time, save money, and prevent doctors' and undertakers' bills.
Heavy lifting over high wagon wheels kills more farmers than pneumonia, consumption, smallpox and cholera combined.

One Set Steel Wheels, 4-inch Tire, weight.....,
\$12.50.

Send for complete Circular and Price List on all sizes.



We sell all our goods at Wholesale Prices direct to farmers. We do not sell through dealers. 56



Send for
Special
Catalogue
Containing
Cuts,
Description
and
Prices of
all the
Different
Styles.



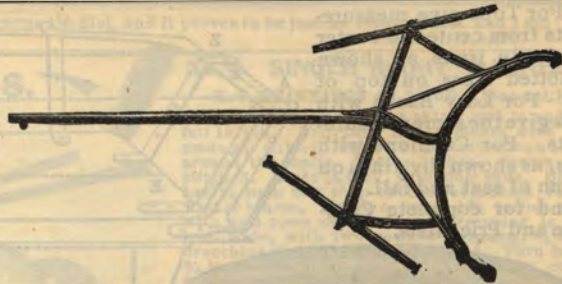
Our line of Buggies, Phaetons, Carriages, Road Wagons, and farmers' two-seated Market Wagons are made for us by one of the largest manufacturers in this line of business, and we confidently believe we can give you a **better buggy for the money** than you can get from any one else, and at from fifteen to twenty-five dollars **less** than the **same goods** can possibly be sold to you by any implement dealer.

Special catalogue will be mailed on receipt of inquiry. State fully what you want and we can save you some money.

PRICES
SAME AS
OTHERS.

The Richard's Pole is made with a Malleable Sleeve, which we have lately strengthened by the use of an inside and outside rib at the junction of the sleeve and circle-bar. The advantage of this Pole is that it is very strong and can be repaired more cheaply than any other Pole.

Richard's Patent Pole With Malleable Sleeve



HARD TIMES never touch our customers. They save all the profits you are paying to the Army of Middlemen.

CARRIAGE POLES AND BUGGY SHAFTS.

We guarantee all our work to be of the BEST SELECTED HICKORY, WELL SEASONED and well ironed, top and bottom with Wrought Iron and Steel. Our Motto: TO MAKE THE BEST, consequently we are also the cheapest, as the BEST IS ALWAYS THE CHEAPEST.

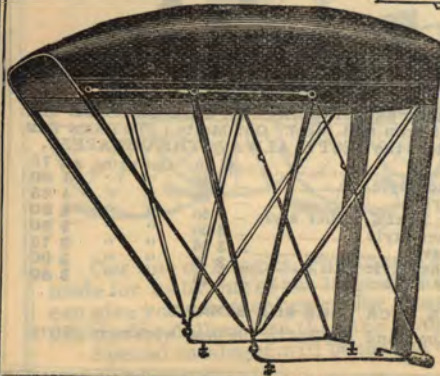
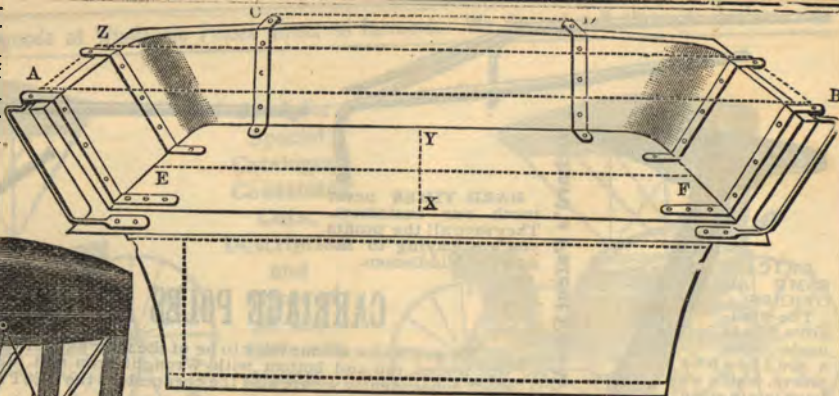
No. 1. Buggy Pole, $1\frac{3}{4} \times 2$, either style.....	\$4 10	Cut price, \$3 75
2. Surrey or Carriage Pole, $1\frac{3}{4} \times 2\frac{1}{4}$, either style.....	4 40	" " 4 00
3. Spring Wagon Pole, $2 \times 2\frac{1}{4}$, either style.....	5 00	" " 4 25
4. Heavy Spring Wagon Express Pole, $2\frac{1}{4} \times 2\frac{3}{4}$, either style	5 50	" " 4 50
5. Light or Buggy Shafts, $1\frac{3}{8} \times 1\frac{1}{8}$, either style.....	3 00	" " 2 50
5½ Extra Buggy Shafts, $1\frac{1}{2} \times 1\frac{1}{8}$, either style.....	3 50	" " 2 75
6. Medium or Wagon Shafts, $1\frac{1}{2} \times 2$, either style	3 75	" " 3 00
7. Heavy Wagon Shafts, $1\frac{1}{2} \times 2\frac{1}{4}$, either style.....	4 25	" " 3 50

PRICE OF POLE INCLUDES NECK YOKE AND STRAPS.

All have three coats of paint and varnished, and applied by the best workmen. Stripping, any color, 15 cents extra.

For Tops give measurements from center to center of holes in irons, as shown by dotted lines on top of seat. For Lazy Backs with Irons give the same measurements. For Cushions with Falls, as shown by lines on bottom of seat and fall.

Send for complete Catalogue and Price lists.



BUGGY, SURREY AND CANOPY TOPS.

Have Steel Bow Sockets, Metal Buckle Loop, Concealed Joints between Back Bows, Thomas Props, Top nicely padded, Wrought Iron joints and Japanned adjustable Shifting Rail with Curtains.

No. 100.	18 oz. Rubber 3 or 4 bowed top, blue or green cloth lining.....	\$ 8 00
No. 200.	Imitation Rubber, 3 or 4 bowed top, blue or green cloth lining...	7 00
No. 150.	Split leather quarters and back stays, 20 oz. rubber roofing and cushions, blue or green cloth lining.....	11 00
No. 600.	Machine buffed leather quarters and stays, 26 oz. rubber roofing.....	15 00

HARNESS.



No. 5. SINGLE BUGGY HARNESS.

H. C. TRIMMINGS AT \$6.50. (See cut.)

Saddle has patent leather skirts and is padded full length. Bellyband is $1\frac{1}{2}$ inches wide and made up Griffith Style, with wrap-straps to go around the shafts. Traces 1 inch, double and stitched. Lines $\frac{3}{8}$ inch, with loop ends. Bridle has $\frac{5}{8}$ inch box loop checks, overcheck, round winker braces. Breast collar is $1\frac{3}{4}$ inches wide with two rows of stitching. Breeching is $1\frac{1}{2}$ inch wide, with two rows of stitching, $\frac{3}{4}$ inch breeching straps, $\frac{5}{8}$ inch hip straps. Turn backs $\frac{3}{4}$ inch, with round crupper. Extra for collar and hames, \$1.50. Extra for Nickel Trimmings, 25 cents. Have still cheaper Single Harness.

No. 10. SINGLE ROAD WAGON HARNESS.

CAMPBELL LOCKED STITCHED.

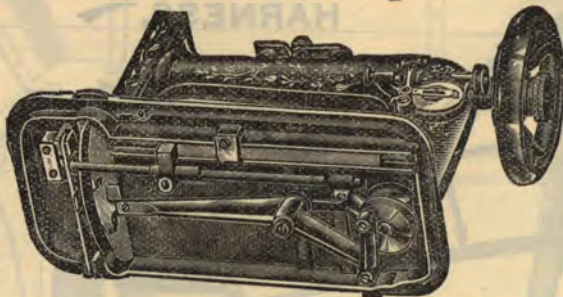
ALL BLACK TRIMMINGS. PRICE, \$8.50.

Same general style and widths as No. 5, except that it has 1 inch lines, raised traces and layers on the breast collar and breeching. Also made of one grade better stock and a little finer throughout. At the slight difference in price we recommend No. 10. Collar and hames, \$1.50 extra. Straps all blackened on flesh side, on both Nos. 5 and 10, and edges creased on No. 10.

Send for complete Price List of Single and Double Harness, or send 10c (to pay expense of mailing), and get free our New 144 Page Implement Catalogue containing 1,000 Specialties sold direct to the Consumer at Wholesale Prices.



No excuse will go now. Buy your wife one of our Sewing Machines. Our prices are so low that she will not accept any more excuse of hard times.



SELF-THREADING SHUTTLE, PERFECT TENSION.



UNDER VIEW OF OUR NO. 1 MACHINE.

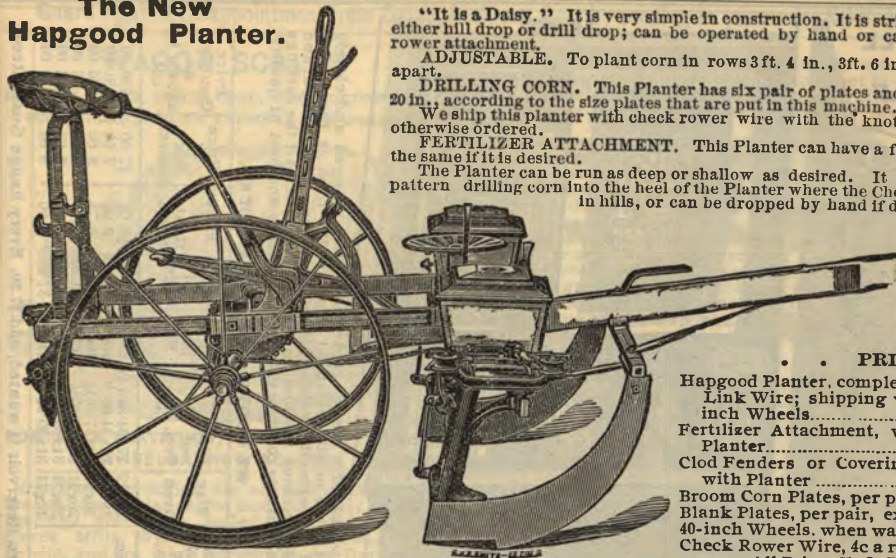
It is impossible here to tell you all the good points of this machine, but true to our promise made on page 48, we guarantee that we offer you a bargain, and only hope to induce your enquiry for full descriptive circular, containing prices, list of attachments and our liberal terms. It costs you nothing to try this machine in your own house.

We guarantee this machine to be strictly first-class in every respect, to be made of the best material and workmanship, and in case the machine is not found to be satisfactory after ten days trial it can be returned at our expense and money refunded.

Talk it up with your neighbors. Also our other goods.

Our No. 1 Five Drawer Machine. High Arm, Self-Setting Needle and Self-Threading Shuttle.

The New Hapgood Planter.



"It is a Daisy." It is very simple in construction. It is strictly a combination Planter, either hill drop or drill drop; can be operated by hand or can be operated with check rower attachment.

ADJUSTABLE. To plant corn in rows 3 ft. 4 in., 3 ft. 6 in., 3 ft. 8 in. or 3 ft. 10 in. apart.

DRILLING CORN. This Planter has six pair of plates and will drill corn from 8 in. to 20 in., according to the size plates that are put in this machine.

We ship this planter with check rower wire with the knots 3 ft. 8 in. apart, unless otherwise ordered.

FERTILIZER ATTACHMENT. This Planter can have a fertilizer attachment put on the same if it is desired.

The Planter can be run as deep or shallow as desired. It is of the accumulative drop pattern drilling corn into the heel of the Planter where the Check Rower drops the same in hills, or can be dropped by hand if desired.

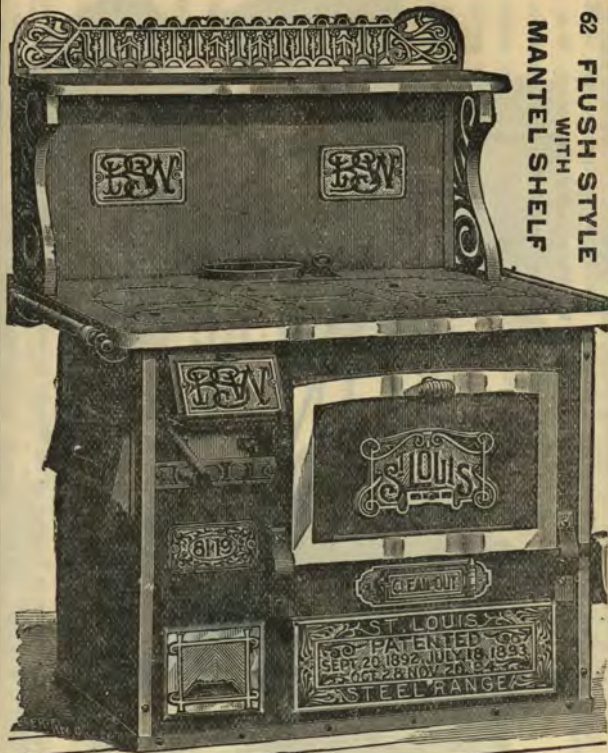
LEVERS. The arrangement of levers on this Planter is of a familiar frame, such as are used by the best planter manufacturers in the country.

PRICES:

Hapgood Planter, complete, with 80 Rods of Link Wire; shipping weight, 400 lbs., 30-inch Wheels.....	\$28 50
Fertilizer Attachment, when ordered with Planter.....	10 00
Clod Fenders or Covering Shovels, per set, with Planter	2 50
Broom Corn Plates, per pair, extra.....	40
Blank Plates, per pair, extra.....	40
40-inch Wheels, when wanted, extra	2 00
Check Rower Wire, 4c a rod in 10-rod lengths only.	
All Prices F. O. B. Cars, Alton, Ill.	

DROP CHECK ROWER WIRE. Check Rower Wire can be dropped off the Planter by connecting a cord to the latch on Check Rower head, bringing it up through the eye in the lifting lever; the operator can, by jerking this forward, drop the wire off the Planter at end of row without getting off the seat. This Planter is up-to-date, and better than cut shows; absolutely guaranteed or return at our expense.

**62 FLUSH STYLE
WITH
MANTEL SHELF**



Is made of extra heavy, cold rolled steel, flanged and closely riveted in the most substantial manner, the oven is thoroughly braced throughout, bottom plates which can be removed and replaced without dismounting any other part. All the castings entering into its construction are extra heavy and best of quality.

WE QUOTE ONLY A FEW PRICES.

No. and size of Cook Holes.	Size of Oven	Size of Top.	Height of Range.	Shipping Wt.	Price of R'ge.	Price of Mantel Shelf.	Price of High Closet.	Price Complete as shown in cut.
6-7 inch.	18x19	27x34	30 ins	400 lb	\$26 00	\$3 00	\$7 00	\$30 00
6-8 "	18x19	28x34	30 "	400 "	27 00	8 00	7 00	31 00
6-8 "	20x21	29x37	30½	460 "	30 00	3 75	8 00	35 00
6-9 "	20x21	30x37	30½	460 "	31 00	3 75	8 00	36 00
6-8 "	22x23	31x39	32 "	510 "	37 50	4 50	9 00	42 00
6-9 "	22x23	31x39	32 "	510 "	37 50	4 50	9 00	42 00

When Reservoir is wanted, add \$7.50. Every Range Guaranteed.

Guard Against Disappointment from Delay, Accident, &c., by sending in your order NOW. Will ship when you say 63

WAGON SCALES

FOR HAY, GRAIN, STOCK, COAL, ORE, COTTON GINS,
SUGAR PLANTATIONS, FARMERS AND OTHERS.



**PORTABLE PLATFORM, GRAIN DEALERS AND
WHEELBARROW SCALES.**

Our Platform Scales are all furnished with a Brass Sliding Poise on the Beam, the best of Steel Bearings, accurately sealed; they are used by Stores, Mills, Warehouses, Express Offices and Depots, and are most convenient for Hotels, or Farmers to use in their Barns and Granaries.

The Shallow Pit, or rather no Pit required by our Scales is one of its greatest advantages over any other kind, it can be set in many places where others cannot. Many have discovered this advantage after setting up other kinds and being obliged to substitute ours for them. This advantage is especially beneficial on lands not well drained or in climates where scales are liable to freeze up in the winter. The scale takes so little depth, they are frequently set on top of the ground, requiring but a little filling at each end to drive on. Another great advantage is the ease with which they can be taken apart and removed from one place to another, which it is frequently convenient to do. No irons have to be taken off the timbers, only draw the spikes out of the platform planks, and pins out of the frame. Any farm hand can take these scales apart or set them up in half an hour, while other kinds would require an experienced mechanic a day or two. There is no part of the country where these scales are not known, and they were the only ones used in the great Stock Pavillion at the World's Fair, Chicago. 1893, for weighing stock from all parts of the world. They were seen by hundreds of thousands of people. and spoken of in the highest terms; all scales warranted.



**PLATFORM
AND SCOOP
SCALES
FOR STORES OR
FAMILIES.
SINGLE OR
DOUBLE BEAM.**



Sold at wholesale prices that defy all competition.

Send for Special Circular and Price List.



THE NEW "PLANET JR." No. 3. SINGLE WHEEL, HILL DROPPING GARDEN DRILL.

Weight, 45 lbs. Price, \$9 00.

A Good Drill is one of the most important of all machines to the Market Gardener. It "pays at both ends;" it saves labor and seed in planting, work and worry in hoeing, and makes a larger and more even crop.

What the Drill Will Do.—Th's Drill will sow a continuous row with greater regularity than any drill that we have ever made, but its distinctive feature is that it will also drop very neatly in hills. It opens the furrow, drops either in hills or drills at pleasure, covers, rolls down and marks the next row all at one operation.

THE "PLANET JR." NO. 2, COMBINED DRILL, WHEEL HOE, CULTIVATOR, RAKE AND PLOW,

This favorite machine is the most popular combined garden tool known. Double Wheel Hoe with Drill, Cultivator, Rake and Plow, (as per cut), weight

47 lbs. Price..... \$ 9

With this combined tool, not only may all this be done, but all its operations are rapid, easy, perfect and delightful. The hopper holds one quart. Send for Complete Catalogue of 32 pages giving complete information in reference to Garden Tools showing cuts of the different attachments and methods of using the same, or send 10 cts. for our new Implement Cat.

Price, \$9.00
Cut Price \$7.65

THE HAPGOOD AND CLIMAX BROADCAST SOWERS.

We guarantee our Sowers Superior to any other make. Sows 100 Acres Per Day. No other sowers in the world will do this.

It is the latest Wagon End Seeder on the market, and superior to all others in the following essential points:

1. Being built heavier and stronger it is less liable to get out of repair than any other seeder in use.

2. It is supplied with a Spring Clutch which relieves the gears from sudden jerks and jars and consequent breakage, and by means of which the machine can be thrown out of gear without detaching the driving chain, thus avoiding any unnecessary wear driving to and returning from the field.

3. The Shaft is made of cold rolled Steel, and is much heavier.

4. The seed is cast with Greater Force than any other seeder, as the distributor or seed wheel is much larger, and throws the seed directly to the ground, and is consequently Less Affected by the Winds. Shipping weight, 100 pounds.



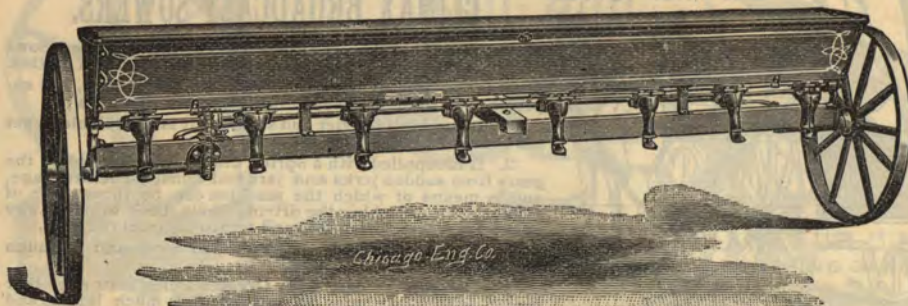
This cut represents our REVERSE CURVED DISTRIBUTER FAN, which always discharges the grain in equal quantity in all directions of the cast. USED ONLY ON OUR MACHINES.

Our CENTERING DEVICE is the only means for centering quickly and accurately the drive sprocket on the wagon wheel. Always insures perfect operation. USED ONLY ON OUR MACHINES.



This cut represents our SPRING CLUTCH, which prevents absolutely any breakage of GEARS under any and all conditions. The most valuable improvement ever em-

HAPGOOD WIDE TRACK FORCE FEED SOWER.



Has seat not shown in cut. Has the only Steel Frame Sower with Metal Wheel having frame bent from one solid piece of pipe. The feed stands unchallenged as the best Force Feed ever made. Has detachable Grass Seed Sower, with our Improved Feed, is made to accompany the machine when desired. The Indicator and

Scale Plate (which is marked for each of the different kinds of grain) are placed on the rear of the hopper, directly in sight of the operator, and near the lever by which it is moved. The grain is discharged from the rear of the hopper, so that the flow of grain is in sight of the person operating the sower. The change of quantity being made simply by the movement of the small lever attached to the sliding bar, there are consequently no change wheels to carry, and none to lose. It will sow every kind of grain in any desired quantity, and is warranted not to break grain or fail to feed. Possessing a force feed giving an even, regular flow of grain, and the scatterers being completely wind proof and adjustable, the grain is spread evenly over the surface of the ground—never too thick in one place and too thin in others.

Shipping weight, 400 lbs., Price.....	\$19 50	Cut price, \$18 00
Grass seed attached, extra on above.....	2 50	

Made also with narrow track, Steel Frame and Metal Wheels.

See also the

HAPGOOD BROADCAST SEEDER.

With Steel or Wood Wheels, 11 Feet Wide.

Shipping weight, 300 lbs., Price.....	\$14 25	"	"	18 00
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Send for cut and full description of our Drills and Seed Sowers.

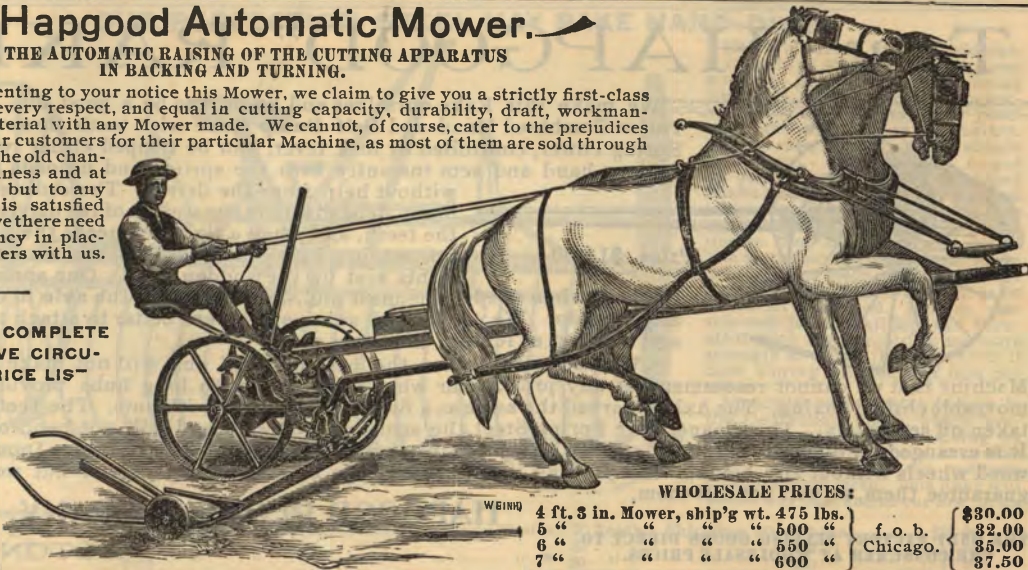
BLAIR, NEB., July 6th, 1895.—Enclosed find Draft for \$55.00, to pay for Buggy shipped W. N. Wilkins. Buggy came to hand promptly. Mr. Wilkins says he likes it very well. BLAIR STATE BANK.

New Hapgood Automatic Mower.

**NOTICE THE AUTOMATIC RAISING OF THE CUTTING APPARATUS
IN BACKING AND TURNING.**

In presenting to your notice this Mower, we claim to give you a strictly first-class Machine in every respect, and equal in cutting capacity, durability, draft, workmanship and material with any Mower made. We cannot, of course, cater to the prejudices of each of our customers for their particular Machine, as most of them are sold through Agents and the old channels of business and at high prices, but to any party who is satisfied with the above there need be no hesitancy in placing their orders with us.

—○—
**SEND FOR COMPLETE
DESCRIPTIVE CIRCULAR
AND PRICE LIST**



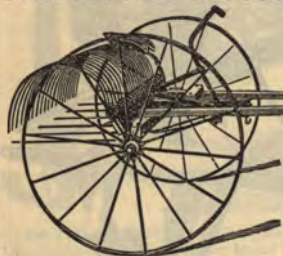
WHOLESALE PRICES:

4 ft. 3 in. Mower, ship'g wt. 475 lbs.	f. o. b. Chicago.	{	\$30.00
5 " " " " 500 "			32.00
6 " " " " 550 "			35.00
7 " " " " 600 "			37.50

DAUM, ILL., June 23rd, 1895.—I received the Surrey which I ordered of you all right, and am well pleased with it.

HENRY S. ROBLEY.

THE "HAPGOOD" RAKE.⁶⁸



We make this Rake ourselves and know it to be a good one. It is a Patent Combined Hand and Self Dump Rake with teeth thrown up by Spring Power, controlled by lock lever, can be tripped either with the foot or hand and acts instantly with the spring, and unloads the hay without help from the driver. The ordinary hand dump depends upon the weight of the driver to raise the teeth, and when a light boy needs the help he is left, while a heavy man would be thrown nearly out of his seat by the sudden drop. Our spring gives the help when needed the most and does not lower the axle in dumping as others do. We use a wood axle as they are better to attach the teeth and will last as long as the other part.

Price, \$14.00

We use nothing but the best material and will not make a cheap Machine that we cannot recommend at any price. Our wheels are steel with long hubs provided with moveable chilled boxing. The Axle is turned the same as a Buggy and finished with nuts. The Teeth can be taken off separately. The Cleaners are Spring Steel the same as the Teeth and will not bend or break. It is arranged for one or two horses, and we guarantee it to give satisfaction. The ordinary Dump Rake, wood wheels without any boxing, cheaply and lightly made, can be sold for \$3.00 less, but we cannot guarantee them, so will not sell them.

HAPGOOD PLOW COMPANY,

**THE ONLY FACTORY SELLING GOODS DIRECT TO
THE CONSUMER AT WHOLESALE PRICES.**

ALTON, ILL.



Hay Carriers and Fixtures.

The Hapgood Reversible

Steel Track Hay Carrier & Steel Track

The best and most durable steel track on the market. It has the widest and strongest part of the rail under the wheels. This carrier will work either way from the stop without change.

Reversible Steel Carrier.....	\$3 00
Reversible Wood Carrier, wt. 30 lbs.....	3 45
Steel Track with Coupling and Bolts, 2 1/4 lb. to the ft., 11c per ft., 50 feet.....	5 00
Hanging Hooks, 5c. each; per dozen.....	50
Jointed Hanging Hooks, 10c. each; per doz.....	1 00



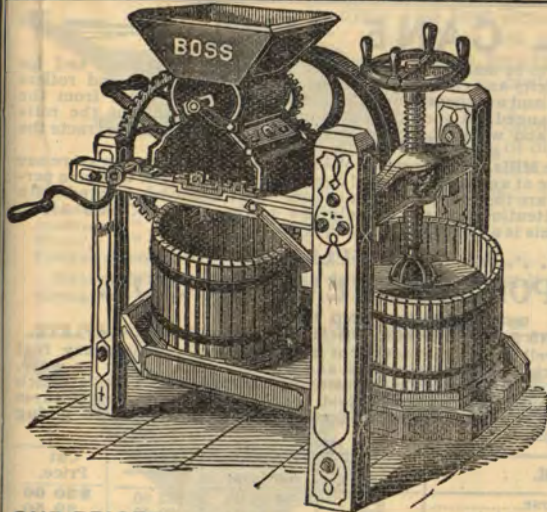
Sling Pulleys.....	\$2 00
Two - Spreader Wagon Sling...	2 00
Four - Spreader Wagon Sling...	2 25
Five-inch Iron Pulley, 15c. ea. per dozen.....	1 60
Six-inch Maple Sheave Swivel Pulley, 15c. each; per dozen..	1 60
Six-inch Maple Sheave Swivel Self-oiling, 15c each; per doz	1 60
Faultless Knot Passing Pulley, 3 in. wide, 20c. each; per doz	2 00
Faultless Knot, small yoke, 3 in. wide; 17c. each; per doz...	1 80
Faultless Knot Passing Pulley, 4 1/2 in. wide, 20c. each; per dz	2 15
Faultless Knot, small yoke, 4 1/2 in. wide; 18c. each; per doz...	1 90
Grapple Fork, 4-tine, 42 lb.....	4 00
Grapple Fork, 6-tine, 56 lb.....	5 00
Harris Double Harpoon Fork...	1 25
Short Head Double Harpoon Fork, Light.....	60
Single Harpoon Fork.....	1 00
Nellis Harpoon Fork, 81bs.....	1 25

Milwaukee Single Harpoon Fork.



WHEN OPEN.
HAS NO SUPERIOR.

FILMORE, ILL., May 1st, 1895.—I received the Plows all right, last Thursday. Please find enclosed Money Order for same. Will send you an order for Buggy in a few days, as I can beat the Agents here like I did on the Plows. CASWELL WILLIAMSON.



The Boss Cider Mill. 71

We feel confident that we have secured for you the best Mill on the market, and at a price never sold before, and can furnish in three sizes.

The No. 1, or Small Mill, has outside gearing, iron beams, and is made in first-class shape, and is just the machine for family use. The rolls are the same diameter as used in the No. 3 Mill.

The No. 2 Mill is very strong and is made to satisfy the trade that does not want so large a Mill as the No. 3. The rollers are the same diameter.

The No. 3 Mill is made with two cranks, and has an adjustable crusher, large tubs, gearing outside, slats firmly riveted and runs light. Guaranteed to be equal to any Mill in the market, and we believe produces 25% more Cider than any Mill made. Perfectly adjustable for all kinds of fruit.

The rollers run at the same speed, mashing perfectly.

Are adjustable, and can be set to grind coarse or fine.

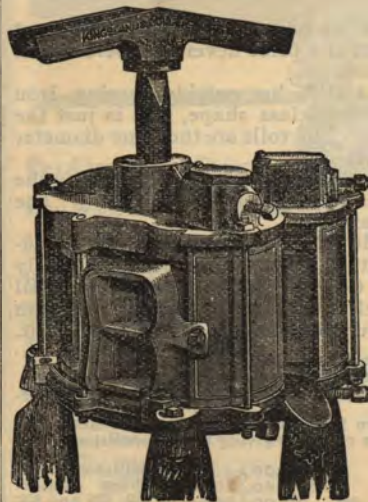
The scraper is allowed to run close to the surface, cleaning perfectly.

Prices quoted on application for extra Crates, Cranks or Motors for large mills. Send for circulars giving full information.

OUR PRICES..... 2nd Class Freight..... F. O. B. St. Louis, Mo.	{ NO. 1 MILL, WITH 2 CRATES, SHIPPING WEIGHT 160 LBS.,	\$13.00	} Same Mill as sold by dealers, under another name, at \$20, \$25 and \$30.
	{ NO. 2 MILL, WITH 2 CRATES, SHIPPING WEIGHT 230 LBS.,	16.50	
	{ NO. 3 MILL, WITH 2 CRATES AND 2 CRANKS, SHIP'G WT. 400 LBS.,	20.00	

SIBLEY, IOWA, July 18th, 1895.—I have received the Buggy all in good order, and am well pleased with it. It is so much better than I expected for the price, and I send you a draft for \$45.00 to-day, and will want a Piasa Gang this fall. FRED FRUHLING.

"KING BEE" VERTICAL CANE MILL. 72



We guarantee this Mill to be made of the very best material throughout, and for strength, durability, simplicity and efficiency it has no equal. The shafts and rollers are wrought iron and steel, and are turned, and the gearing is cast separate from the rolls. The large roller is flanged. A good Cane Mill must be so formed that the rolls can be held face to face and when the cane is forced through them it extracts the largest percentage of juice.

For this reason Flexible Mills, or those with rolls arranged to yield on pressure are very wasteful and expensive at any price. We feel confident that this Mill will give perfect satisfaction, and there are thousands of them in use. We trust to be favored with your order, and call your attention to our extremely low prices. F. O. B. cars Alton. Third-class freight. This is a Three Roller Cane Mill.

∴ ∴ WE ALSO SELL ∴ ∴

COOK'S PORTABLE EVAPORATOR.

WITH FURNACE AND PAN.

AN EVAPORATOR MEANS PAN, FURNACE, CHIMNEY AND GRATE COMPLETE.

This Evaporator is so well known that comment is unnecessary, except to say that it is made of the best material, uniform thickness, and will not buckle, bag or warp, and will last longer than a great many of the so-called COOK EVAPORATORS which are made of light material. Our pan is the cheapest pan in the market, as it saves labor, fuel, and makes more and better syrup and sugar. Send for circulars giving complete description and prices.

SIZE.	Weight, Pounds.	Capacity per hour.	PRICE.	Cut Price.
No. 1. One Horse.....	50	60 galls.	\$22 00	\$20 00
No. 2. Two Horse, Light.....	725	80 galls.	32 00	29 50
No. 3. Two Horse, Regular...	900	100 galls.	45 00	39 00

ROAD, TONGUE AND WHEEL SCRAPERS.

ALL F. O. B. CARS,
ALTON, ILL.

The two cuts of Scrapers show the two leading and best Scrapers in the world.

As there are a number of other scrapers, however, with which our customers may be acquainted by name, we quote prices on a number of others, and trust to be favored with your orders.



Slusser, No. 1, Cap'ty 7 ft.....	\$5 75	No. 2, Cap'ty 5 ft.....	\$5 50
Favorite, " " ".....	5 50	" " ".....	5 25
American, " " ".....	5 40	" " ".....	5 20
Victor, " " ".....	5 75	" " ".....	5 40
Tongue Scraper, 48 inches wide.....	7 75		

Slusser scraper all steel, with beaded back, adding to the strength.

Columbus, No. 1, Cap'ty 7 ft.....	\$5 75	No. 2, Cap'ty 5 ft.....	\$5 50
Boss, " " ".....	5 50	" " ".....	5 25

"Columbus" and "Boss" Scrapers are pressed from one solid piece of steel. Nothing better.

Wheel Scrapers, No. 1.....	\$25 50
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Runners 25 cents extra.

Extra Bottom Plates..... 50 cents extra.



Tongue Scraper and Ditcher, designed for making and leveling roads, cutting and cleaning, irrigation and other large ditches. Has steel blade 48 inches long, 4 ins. wide, quarter inch thick. Shoes and draw bars of best steel.

No. 1, Scraper and Ditcher, 48 ins. long, wt.,	123 lbs.,	\$7 75
No. 2, " " " " " "	113 lbs.,	7 00

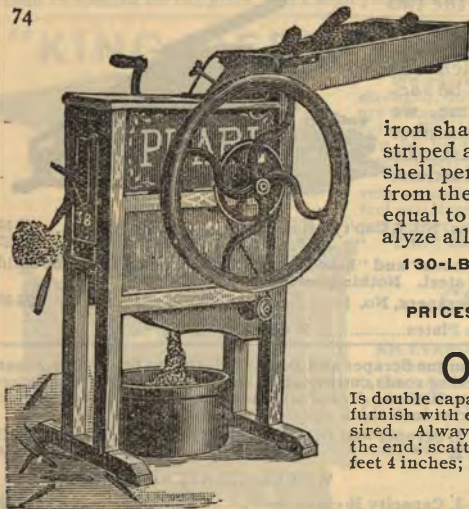
WHEEL SCRAPER.

No. 1, Capacity 10 cubic feet.....	\$27 00
No. 2, " 13 " " ".....	25 00

Send for Catalogue giving complete information.

ORANGEVILLE, OHIO, May 17th, 1885.—Harness received and am well pleased with same. Enclosed please find draft in settlement.
J. F. PARDEE.

74



THE "PEARL" SHELLER.

BECAUSE IT IS A JEWEL.

This sheller is made of hard wood. The gearing is all inside, preventing any possibility of accident. It has wrought iron shafts, and all bearings are carefully fitted. It is neatly painted, striped and varnished, and is well made in every particular. It will shell perfectly the largest and smallest ears, separates clean the corn from the cob, discharges from the end, runs easy and we believe is equal to any single hole Sheller on the market, while our prices paralyze all competition. All gearing is placed inside.

130-LB. ONE HOLE SHELLER, WITHOUT FAN OR TABLE,	- -	\$5 35
FOR FAN EXTRA, ADD	- - - -	40
FOR TABLE EXTRA, ADD	- - - -	25

PRICES F. O. B. ALTON, ILL.

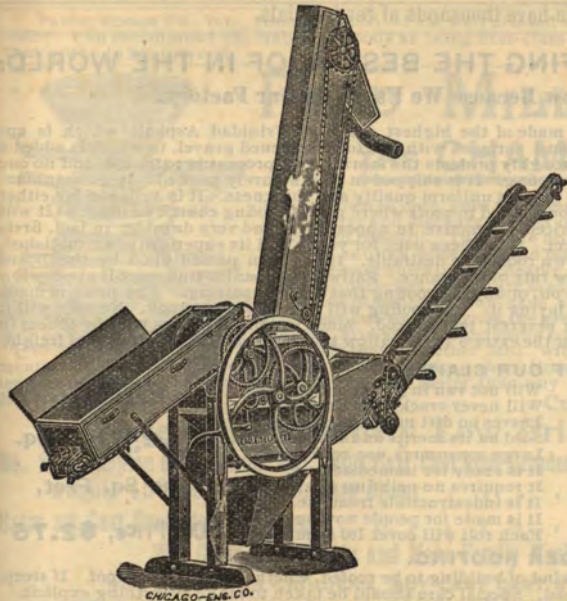
OUR TWO HOLE SHELLER

Is double capacity of the single hole, and is equally well made in every respect. We furnish with either Crank or Pulley, so it can be run by either hand or power, as desired. Always furnished with feed tables. It is light running; cobs are discharged at the end; scatters less corn, we believe, than any sheller of its class. Height of frame, 3 feet 4 inches; width, 2 feet 11 inches.

SEE OUR PRICES:

235 lb. Two Hole Sheller, with Fan, Feed Hopper and Pulley, \$10.75.

SEND FOR COMPLETE DESCRIPTIVE CIRCULAR.



We will be pleased to quote prices on Binding 75 Twine when you are ready for them.

PERFECTION 2-HOLE SHELLER.

Self-Feed, Shown with Wagon Elevator and Cob Stacker.

This cut shows our Shellers, both Wagon Box Elevator and Cob Stacker, and we do not hesitate to say that this is the most effective and most successful combination ever made with a Two-Hole Sheller at this price. The frame is extra heavy hard wood, well seasoned and securely put together. Has a heavy Fly-Wheel, a Cob Rake with Sacking Wagon Box Elevator or Cob Stacker, as desired. It is especially convenient for Flour Mills, or for farmers desiring to shell the greatest quantity of corn per day at the least expense. The corn is shoveled into the Hopper and is conducted to the Sheller by means of the Link Carrier, and it requires no further attention in feeding.

Speed—415 Revolutions Per Minute.

Capacity—456 to 500 Bushels Per Day.

TWO-HOLE WITH TABLE AND FAN, BUT NOT SELF-FEED.

With Cob Rake, weight, 250 lbs.....\$18 50

For Sacking Elevator, extra. weight, 75 lbs..... 8 50

SELF-FEED SHELLERS.

With Cob Rake Only, weight, 300 lbs ... \$32 50

Wagon Box Elevator, ex. " 125 lbs 12 50

Sacking Elevator, " 100 lbs..... 10 00

Cob Stacker, " 100 lbs..... 6 00

F. O. B. Cars, Alt'n, Ill.

Send for Complete Descriptive Circular, or send 10 cts. (to pay expense of mailing), and get Free our New 144 Page Implement Catalogue, containing 1,000 Specialties sold direct to the Consumer at Wholesale Prices.

Send for descriptive circular. We have thousands of testimonials.



ASPHALT ROOFING THE BEST ROOF IN THE WORLD.

We Know Because We Use It On Our Factory.

Our Asphalt Roofing is made of the highest grade of Trinidad Asphalt, which is applied to a heavy canvas and surfaced with carefully screened gravel, to which is added a backing of Felt, which thoroughly protects the fabric. Our process is patented, and no one can manufacture a similar roofing. It is shipped in rolls securely packed. It is manufactured by machinery, which insures uniform quality and thickness. It is suitable for either flat or steep roofs. It can be applied to roofs where gravel roofing cannot be used, as it will not run. It is medium-priced, attractive in appearance, and very durable; in fact, first-class roofing in every respect. It has been used for years, and its superiority is established.

Any workman can lay it. For consumers who construct their own roofs it is desirable. It has been passed upon by the Board of Underwriters as a standard roofing, which guarantees a low rate of insurance. Railway companies transport it at very low rates. It is a splendid covering for roofs that have old shingles on, or any old roofing that needs repairing. The price is made complete, including necessary roofing, nails and cement for laying it. Our roofing will not dry out or crack. Neither will it run from exposure to the sun. It has successfully passed the severest test of cold. Made in rolls 32 inches wide by 40 feet in length—106 square feet; weight 110 pounds. We do not charge for the extra 6 ft. We allow that for laps. Takes low rate of freight.

READ SOME OF OUR CLAIMS.

Does not rust like iron or tin roofs.
Can cover an acre a day with it.
Can be taken off and used again.
Can be no spots left uncovered.
We are exclusive manufacturers.
Make a specialty, large and small jobs.
Only tools needed—a knife and a hammer.
It can be put on over old roofing.
It does not affect taste of water.
Over 106 square feet in each roll.

Will not run in gutters or spouts.
Will never crack from drying.
Leaves no dirt nor odor in using.
Sold on its merits and makes friends.
Large consumers use ready rock.
It is ready for immediate use.
It requires no painting or attention.
It is indestructible from use.
It is made for people now on earth,
Each roll will cover 100 square feet.

PRICE,

\$3.25 Per Sq.

100 Sq. Feet,

Cut Price, \$2.75

HOW TO ORDER ROOFING.

In ordering please be careful to state size of roof and kind of building to be roofed, whether steep or flat roof. If steep, what pitch. Also by what railroad you desire goods to be shipped. Special care should be taken to make everything explicit.

PARIS, EDGAR CO., ILL., June 10th, 1895.—I am well pleased with the "Piasa Bird" which I ordered this spring, and the Cultivator. Can recommend the Hapgood goods as being first-class in all respects, and think the farmer ought to patronize a firm that works to his interest.

E. B. RIGG.

FEED MILLS AND GRINDERS.

THE CHAMPION AND EXCELSIOR



Mills, shown in cuts, have the same internal grinding arrangement. The one upon legs has a meal gutter and discharges all at one point, while the Excelsior sits upon a box and discharges all around the Mill. They have no set screws that require a mechanic to adjust, but are instantly changed as often as desired and put in operation by turning a crank at the top of the Mill. Grinding plates are quickly and cheaply replaced. The Hopper is very large and strong and can be instantly detached. They are made very strong and heavy throughout, and are not liable to break or get out of order. They have a double force feed and shear cut which carries the grain rapidly through the Mill, also assists in grinding corn, with the shucks on, better than any other Mill, without extra attachments. It does not injure this Mill to run empty a short time, and we guarantee them to grind faster, wear longer and run easier than any Mill of its class.

2nd class freight.

Cut Price, \$19.00.

Note our Extremely Low Prices :

No. 2, Champion or Excelsior Mill, with Cast Cast Steel Grinders, shipping weight, 400 lbs., F. O. B. Cars Alton,	\$19.75
Extra set Cast Cast Steel Grinders,	4.00

Will Grind Small Grain and Make Family Meal.

NOT CAST IRON GRINDERS, BUT CAST CAST STEEL.

... SEND FOR CIRCULAR GIVING COMPLETE INFORMATION. ...





THE "DAISY" BONE CUTTER.

Weight, with stand, 180 lbs., price, \$15.25. Weight, without stand, 90 lbs., price, \$14.25.

Is especially made for cutting Green Bone with meat on, or offals of bone and meat from the table; also cuts vegetables, scrap cake, etc.

Send for Complete Catalogue of These Goods.



Grinds Fine and Fast.



Runs Easy.



FARM GRIST MILL, No. 2 1/2.

Price, \$20. Weight, 150 lbs.

F. O. B., Alton, Ill.

Can be run with one or two horse power.

For Grinding Corn and Cob, Fine Corn Meal and Graham Flour for Table Use.



FAMILY GRIST MILL. No. O.

Price, \$4.90, weight. 30 lbs.

Diameter of hand wheel, 20 ins.

This Mill is especially made for grinding Graham flour or corn meal for table use.



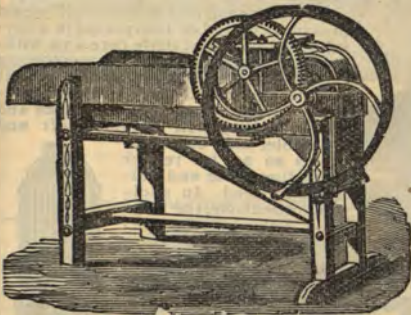
THE POULTERS' No. 1 MILL.

For grinding Dry Bones, Shells, Grain and many other substances for Poultry. Price, \$4; Wt. 35 lbs.

EFFINGHAM, ILL., April 17th, 1895.—Those Plows you sent here have been tried. One I got myself and a Brush Plow for my neighbor, and we are well pleased with them. Will send you more orders soon.
TONY KOESTER.

FEED CUTTERS---HAY, STRAW, CORN STALK AND ENSILAGE.

Champion Hand Feed Cutter No. 1.



For a Hand Feed Cutter this is the most desirable size for all purposes. It is made very strong, heavy and durable, and works easier for the capacity than any cutter made. It has the upward cut, rocking feed roller, and the power is applied directly to the knife-shafts without any intermediate gears. It has three knives $8\frac{3}{4}$ inches long, and will cut all kinds of material easily and rapidly. The length of cut is $\frac{1}{8}$ and $\frac{7}{8}$ of an inch. See our low prices. Shipping weight, 200 pounds. Capacity, 400 pounds per hour. Price, f. o. b. Chicago, \$14.50. Extra knives, each, 65 cts.

Our Lever Cutter. { Shipping weight, 60 pounds. Regular price, \$6.00. Our price, f. o. b. Chicago, \$4.00.

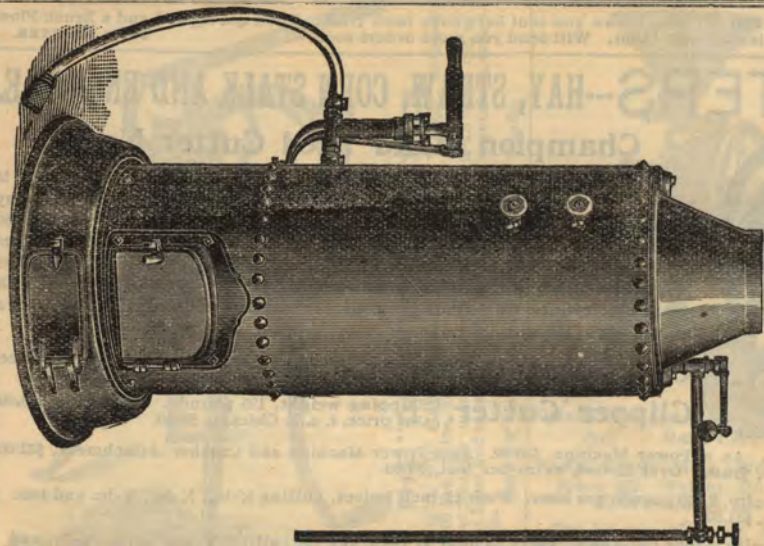
Clipper Cutter. { Shipping weight, 125 pounds. List Price, \$19.00. Our price, f. o. b. Chicago, \$9.40.

No. 2. { As Hand Machine, \$17.00. As a Power Machine, \$20.00. As a Power Machine and Crusher Attachment, \$32.00. Carrier, 12 feet and under, \$16.00. Over 12 feet, extra per foot, \$1.00.

No. 3. { Weight, 500 pounds. Capacity, 3,000 pounds per hour. Four 12-inch knives, cutting $\frac{1}{4}$ -in., $\frac{1}{2}$ -in., $\frac{3}{4}$ -in. and 1-in. Price, \$36.50; with Crusher, \$51.50.

No. 4. { Weight, 800 pounds. Capacity, 5 tons per hour. Three or four 16-inch knives, cutting $\frac{1}{4}$ -in., $\frac{1}{2}$ -in., $\frac{3}{4}$ -in. and 1-inch. Price, \$61.50; with Crusher, \$79.00.

Send for Circular giving Cuts and Description of all the different sizes. Send 10c (to pay expense of mailing), and get Free our New implement Catalogue Containing 1,000 specialties sold direct to the consumer at wholesale prices.



HAPGOOD BOILER AND STEAM FEED COOKER.

Can be used for Steaming Feed for Stock, Heating Bath Rooms, Heating Cheese Vats, Running Cream Separators, Steaming Wheat, and Many Other Purposes.

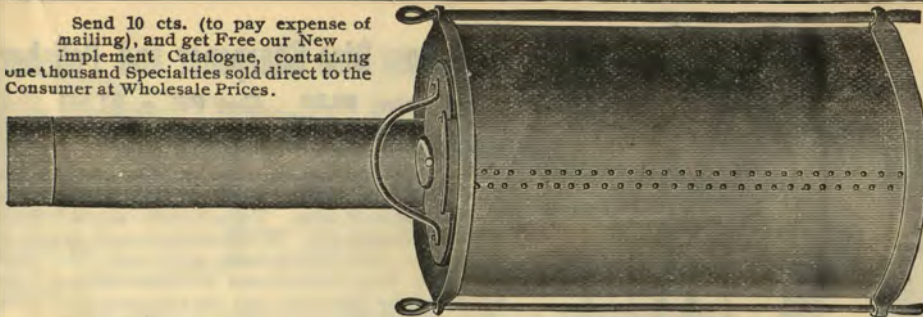
The Hapgood Steam Boiler will steam or cook any kind of feed placed in a barrel or vat with but little care and without danger of burning; thus overcoming the objection to a kettle or caidron. It will steam mouldy hay and corn perfectly sweet, steam dry corn stalks and straw so they will become soft and palatable, and cook potatoes so as to render them digestable and valuable for feed. In addition to the above, the Hapgood Boiler can be used for heating water for a variety of purposes, for steaming casks and milk cans, steaming wood for bending, heating cheese vats, steaming wheat, tobacco, etc.



The trimmings include two gauge cocks, blow off cock, pump for supplying the boiler with water, safety valve, 2 feet 6 in. suction

hose, three feet steam pipe with valve to convey steam to barrel or vat, for cooking feed or boiling water.					Ship. Wt.	Price F. O. B. Chicago
Size No. 3.	19 in.	40 in.	9	54 in.	325 lbs.	Cut Price, \$21 00
Size No. 4.	19 in.	44 in.	13	58 in.	370 lbs.	" " 28 00

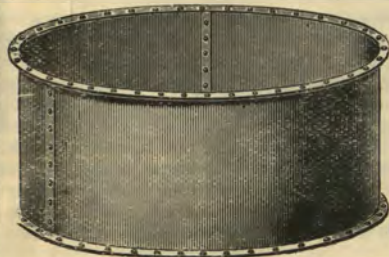
Send 10 cts. (to pay expense of mailing), and get Free our New Implement Catalogue, containing one thousand Specialties sold direct to the Consumer at Wholesale Prices.



THE PARAGON TANK HEATER.

Made of plate steel, with only one seam, packed with asbestos, securely riveted, and directly back of the cold air chamber, and not affected by the heat. 15 inches in diameter, high enough for tanks with 2 ft. 6 in. staves, and equally as good for smaller tanks. Has no pipes to burn out, or seams to unsolder. Burns coal, cobs or wood.

Grate set 4 inches from the bottom. Can be placed in tank and started in five minutes. Price\$5 00



STEEL TANKS.

Round,
Square,
Oblong.

Cut Price \$6.40

WILSON STOCK . . FOUNTAIN.

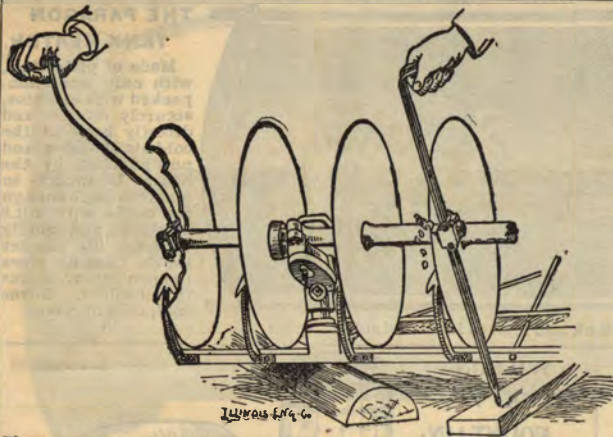
The only one that is Absolutely Automatic.

Excels all others in Simplicity and Strength, saves Labor, Time and Water.

Cut Price, \$1.95



Send for full particulars of these goods



The Boss Disc Sharpener and Polisher.

Price, \$2.50 Cut Price, \$1.90

DIRECTIONS—Upset Harrow—discs up—clamp the crank by the use of the two bolts around nut on axle and hold machine so knife or emery block touches at the desired place of Disc about 3 ins. above center of axle. Turn slowly, about 8 revolutions per minute. It is a simple and practical device for sharpening and polishing Disc Harrows and Disc Cultivators without taking them apart. Disc Harrows can be sharpened as good as new by two men, or a man and a boy, anywhere in the field in from one-half to one hour's time, no matter how dull it may be. It can also be polished without taking discs apart and will last a lifetime if taken care of. This sharpener is a genuine money and time-saving device.

Every man who owns a Disc Harrow needs one. It actually pays for twice its cost the first time it is used. The regular price for sharpening a disc harrow is \$3, and the farmer has to take the Disc Harrow apart, load it on a wagon, and spend at least one day's time to get it put in order, besides paying \$3 for the shop work. While with this Sharpener a harrow is sharpened in less time than it takes to take it apart and load it on the wagon, and is put in as good order as when it was new. Every farmer should have a Sharpener and sharpen his disc harrows as often as they become dull, and thus save his horses and do better work without extra cost. It is the only one manufactured with an emery block to polish and to put a razor edge on the disc. The knife and emery block are adjustable in height to any sized disc.



THE NEW ERA WIND MILL.

This is What You Have Been Looking For. "The Best Wind Mill on Earth." It is the result of 6 years experience with a view of economy, durability and beauty, by a practical mechanic of 80 years' standing, and has been thoroughly tested by actual use. The sails and vane are made of heavy galvanized steel, the working parts are steel and cast iron, except the bearings, which are hard maple boxes and pitman, which we guarantee to wear three times longer without oiling than any metal bearings. We use ball-bearing in the turn-table that allows it to adjust itself to the lightest breeze.

8-ft. Geared Mill, galvanized, shipping weight, 275 lbs	\$20 00
10-ft. " " " " 350 "	22 00
New patent Equalizer with Ball-Bearings, extra	2 00
30-ft. Steel Towers, painted, shipping weight, 475 lbs.....	18 00
35-ft. " " " " 530 "	22 00
40-ft. " " " " 735 "	27 00

Full directions for setting up sent with each Mill. Perfectly easy. Any one can do it.

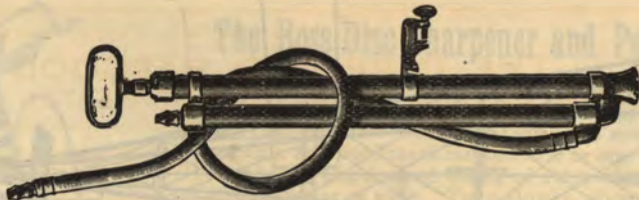


"PEERLESS" PUMPING

Windmill Feed Grinder.

Grinding wheat, oats, rye, corn, barley or mixed grain. With it you can make elegant cornmeal and Graham flour for house use.

PUMPS, WOOD, CHAIN, FORCE, LIFT AND SPRAY PUMPS.



Send for our complete circular FREE in reference to pumps, or send 10c (to pay expense of mailing) and get Free our New

Implement Catalogue containing 1000 Specialties sold direct to the Consumer at Wholesale Prices.

Remember we sold our Goods for Twenty Years by the old System.

THE IMPROVED HAPGOOD INCUBATOR. WITH COPPER TANK, COPPER HEATER AND COPPER FLUES.



ITS CASE is of the very best material throughout, well seasoned, flawless, and selected with a view to its withstanding, without warping or twisting, the heat and moisture of artificial incubation. Its walls are double.

Absolutely Self-Regulating.

Built of high grade white pine or poplar lumber, neatly finished in cabinet style. Length and width of case, 34x48 inches. Furnished with moisture pans, egg trays, tested thermometer, lever, funnel, screw driver, regulator and lamp.

No 1, 100 Egg Incu., ship.wt.140 lbs. \$17 00
No.2, 200 " " " " 220 " 20 00

The Hapgood Brooder

Is a Glass-Covered, Double-Deck, Hot-Water Brooder with lamp, screen cover, and every thing complete ready for use.

No. 1, cap. 100 chicks, wt., 75 lbs., \$11 50
No. 2, " 200 " " 95 " 14 50

Other sizes made promptly to order and prices quoted on application.

Send for Large Circular giving full and detailed information about Incubators, Brooders, and how to raise chickens.

Our Forge

IS BUILT

Especially For
our Kit,

15 Ins. High
to top of Bowl.
Bowl 14
Ins. in Diam-
eter, Fan 8
Ins. in Diam-
eter.

Weight, 45 lbs

We Guarantee
it the
Lightest Run-
ning, Strong-
est Blast
and the Best
Forge made
for
the Purpose.

Every Tool on
the List the
Best the Mar-
ket Affords,
And so
GUARANTEED.

THE TORNADO KIT OF TOOLS,

FOR FARMERS, STOCKMEN, PLANTERS AND MACHINISTS. THE BEST
ON EARTH. CONSISTS OF



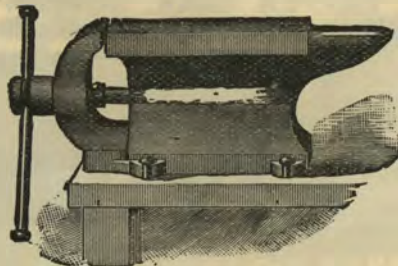
WE WARRANT
EVERY TOOL
THE BEST
MADE.

Farmer's Forge, No. 5 B, Will heat 1½ in.
Iron. Price Separate, \$6.00.

Farrier's Pincers, Cast Steel, 11 inch, 85c.
Farrier's Knife, Wostenholm, 55c.

THE ABOVE KIT, COMPLETE,

Including Blacksmith Drill Press, Weight, 50 lbs. Send for Full Circular.



Combination Anvil and Vise, Hardened Face,
Finely Pol., Wt. 50 lbs. Price, Separate \$6.
Blacksmith's Cold Chisel, 1½ lb. Solid Cast
Steel, 55c.

Blacksmith's Hot Chisel, 1½ lb. Solid Cast
Steel, 55c.

Blacksmith's Tongs, Wrought Iron, 18 ins., 55c.
Screw Plate, 3 Taps, 3 Set Dies, Cut ¾, ½ and
⅜ inch, \$4.50.

Blacksmith's Hammer & Handle, Wt. 2 lbs. 85c.
Adz Eye Shoeing Hammer and Handle, Wt. 9
ounces, 55c.

- - - - - \$21.00

Our Vise

IS SOLID AND
STRONG.

Face 4¾x9
ins. Jaws 3
ins. wide and
open 4 ins.

Our Drill

IS NOT A
CHEAP BENCH
DRILL,

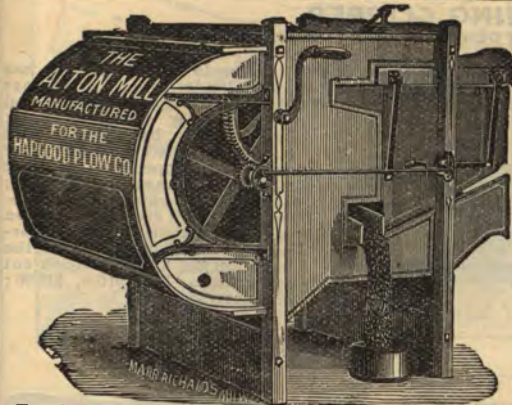
But a Genuine
Blacksmith's
Post Drill,

WITH
Adjustable
Table.

Drills ¾ in.
hole to the
center of a 17
in. circle.
Compare it
with other
drills offered
with kits of
tools.

FARM MILLS.

87



CAN BE "KNOCKED DOWN" FOR SHIPMENT.

Do not compare our price with inferior Mills which are made of light material, and in which the drum or head is fastened to the post by small cleats. We claim for this Mill the following advantages:

First. That it will clean all kinds of grain and seed, and more of it in the same length of time than any Mill in the market of the same size.

Second. The Shoe is hung up on strong strap-hinged hangers, which prevents the breaking so common in inferior machines.

Third. The drum or head is fastened to the posts by a cast iron half circle, firmly secured, adding increased strength and durability to the Mill, and enables us to ship them knocked down without their being knocked out of shape. We raise and lower the slide of the Hopper with a screw, which is done with ease.

The irons are of the most approved pattern, the wheel, pinion and shake irons being extra strong. The gearing is all placed on the inside of the Mill, out of the way. The bearing is formed by the hub of the large wheel running in a thimble or box, 3 inches long of Chilled Iron, and extending through the posts, giving it a steady and easy motion.

For cleaning and separating all kinds of grain, we guarantee our Mills to be equal to, and in fact, superior, in all respects, to any other now in use. The fan and wind boards are so arranged that the wind strikes the hurdle in such a manner as to blow all foul stuff and light grain over the hurdle. The side spout delivers the No. 1 grain at the side, and the No. 2 grain at the front of the mill. The grader can be so adjusted as to separate and deliver through the side spout a greater or less portion of the best grain. The wheat screens and grader are so arranged as to effectually take out cockle, chaff, or cheat from No. 2 wheat.

PRICE F. O. B. CHICAGO.

List Price. Our Price. Price.

No. 1. Farm Mill, Sieves 24 in. wide, wt. 150	\$30 00	\$14 90	\$12 50
No. 2. Farm Mill, Sieves 30 in. wide, wt. 165	40 00	18 75	15 00

Each Mill is furnished with one Wheat Hurdle, one Wheat Screen and one Grader with Side Spout, one Barley Sieve and Oat or Corn Sieve. All zinc sieves and any other sieves or attachments furnished will be charged as extras. Width of No. 1, 2 feet 8 inches over all; No. 2, 3 feet 2 inches. Height of Mills, 3 feet 5 inches. Capacity for cleaning per hour: No. 1, 60 to 90 bus.; No. 2, 100 to 125 bus. Farm Mills are shipped "Knock Down," at first-class rates unless otherwise ordered, thus saving one-half in freight, as charged when set up. Send for complete circular.

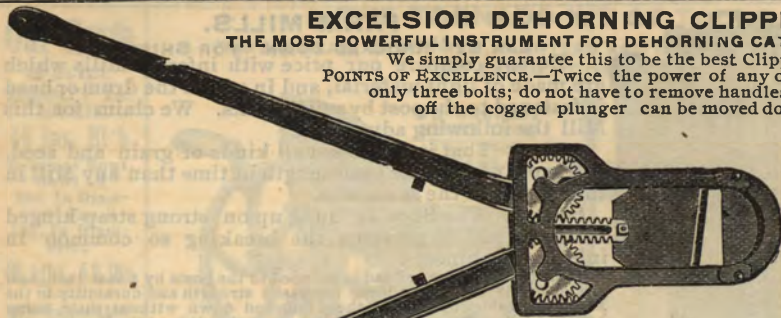
EXCELSIOR DEHORNING CLIPPER.

THE MOST POWERFUL INSTRUMENT FOR DEHORNING CATTLE MADE.

We simply guarantee this to be the best Clipper made to-day.

POINTS OF EXCELLENCE.—Twice the power of any other; it is made without rivets; has only three bolts; do not have to remove handles to take out blades; when knife wears off the cogged plunger can be moved down one notch in cogged handles and

make Clipper same as new; handles only have to be moved one-half the distance of any other dehorning clipper now made; IT HAS TWO SHEARING BLADES; don't buy one cutting blade clippers, they will crush the horn on one side, but with two shearing blades you cannot crush the horn, but get a nice, smooth cut every time. List price, \$10.00; our price, \$6.00.



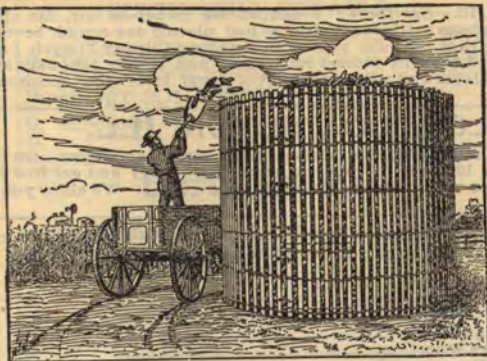
THE BOSS DEHORNER has long handles, no rivets in the frame, and the blade is made on the improved plan. The frames are made of malleable iron, and the blades of the best steel. You can soon make the price of your dehorner by dehorning for your neighbors. The prices for extra parts are as follows Extra blades can be sent through the mail, postage paid. Extra blades attached to cog, postage paid, \$2.00.

No. 1. Boss Revolving Dehorner for young cattle,.....\$5 00

No. 2. Boss Sliding Dehorner for calves, 2-in. opening 3 50

No. 3. Boss Sliding Dehorner, 3-in. opening.... 6 60

No. 4. Boss Sliding Dehorner, 4½ in. opening. 8 00



ACME PORTABLE CORN CRIB.
PRICE LIST.

HEIGHT.	DIAMETER.		CAPACITY.	Price.	Cut Pr.
8 feet.	12 ft.	Wt. 300	500 bu.	\$10 00	\$9 00
8 feet.	16 ft.	Wt. 400	900 bu.	14 00	13 00
8 feet.	20 ft.	Wt. 500	1400 bu.	16 00	15 50
8 feet.	24 ft.	Wt. 600	2000 bu.	20 00	19 00

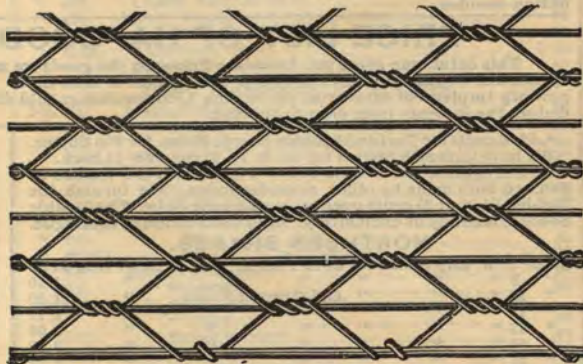
Price List Acme Slate Fence, Pointed and Painted.

Pickets $\frac{3}{8}$ in. thick, $1\frac{1}{2}$ in. wide, 4 feet long, pointed and dipped in an alkaline solution colored red.

3	Cables,	Pickets 3	inches apart,	55c	per rod.	Cut.
3	"	"	$3\frac{1}{4}$	"	60c	45
3	"	"	2	"	65c	50
						55

"COMBINATION" WOVEN WIRE FENCING.

Made of the Best Galvanized Steel Wire.



For hogs, poultry and cattle this fence has no equal at the price. The upper half is of the "Standard" style, while through the center of the lower meshes are run parallel wires, making them half the size of the upper ones, thus adding greatly to its strength and utility and not materially increasing its cost. It requires no argument to demonstrate its superiority over any other style of fencing on the market. We are the only manufacturers of this style of fencing.

Send for 30 Page Catalogue in full explanation of this subject.

Signed, J. E. THOMPSON.

PRICE LIST OF HAPOOOD PLOW CO., ALTON, ILL.

This catalogue gives you Complete Prices on the goods we manufacture and are the same as in our big catalogue. On the specialties we can only refer to one or two articles of each kind. Send 10 cents (to pay expense of mailing) and get free our new big Implement catalogue, containing 1,000 specialties sold direct to the consumer at wholesale prices. We allow you to deduct the 10 cents from your first order.

Add 50 cents for Turf and Stubble Board. 50 cts. for Fin Cutter.

We have Cast Slip Shares for all R. H. Plows over 11 inch.

Do not confuse our Double Board Plows with the Welded or Patched Shin made by other manufacturers. We furnish the Welded Shin at 25 cents over price of Single Shin. The Double Board is made by us exclusively. Read description in catalogue.

NORTHERN SHARES.

Steel 7-in. Slip Share for Corn Plows.....	Net Price, \$1 00
8	1 10
10	1 50
11	1 75
12	2 00
14	2 25
16	2 75
10	1 40
12	1 75
14	2 00
16	2 50

For Bar Shares, add \$1.00 extra.

Cast 12-in. Slip Shares for Old Ground, Chilled, Net Price,	50
" 14 " " " " " "	60
" 16 " " " " " "	75

LANDSIDES AND MISCELLANEOUS.

12 in. Walking and Sulky Plow Landside.....	Net Price, \$1	15
14 " " " "	"	1 40
16 " " " "	"	1 50
13 " Castor Cutter.....	"	2 00
16 " " " "	"	2 75
Straight Cutter.....	"	1 50
Gauge Wheel.....	"	75
Handles, per pair	"	40
One-Horse Beam.....	"	40
Two-Horse Beam.....	"	60
Three-Horse Patent Evener	"	2 25

LISTER REPAIRS.

No 504.	First Style Moldboard (right or left)	.....	\$2 50
" 505,	Second " " "	.....	2 50
" 506.	Present " " "	.....	2 50

In ordering Moldboards designate size and if wanted for Sulky, Front or Rear Wheel.

No. 507.	First Style	Share, 16-inch	.....	\$5 00
" 508.	Second "	" 16 "	.....	3 50
" 509.	Present "	" 14 "	.....	2 50
" 508.	" "	" 16 "	.....	2 75

CULTIVATOR REPAIRS.

		Net Price.
No. 133.	Bull Tongue Shovel.....	\$ 30
" 134.	5 inch Shovel, Straight.....	60
" 135.	5½ " " Twisted, Right Hand.....	65
" 136.	5½ " " Left Hand.....	65
" 137.	Moldboard Shovel, Left Hand.....	1 00
" 138.	" " Right Hand.....	1 00

CUTTER REPAIRS.

		List Price.
No. 907.	Cutter Yoke.....	\$ 1 00
" 908.	" " Washer.....	10
" 913.	" Clamp Steel Beam.....	25
" 914.	" " " ".....	25
" 925.	" Clasp " ".....	30
" 915.	" Clamp Wood Beam.....	30
" 916.	" " " ".....	30
" 922.	" Clasp " ".....	35
" 940.	" Hub only.....	30
" 931.	" Flange.....	20
" 932.	" Cap.....	10
" 933.	" Plug.....	10
" 951.	" Hub only, New Style.....	30
" 931.	" " Flange, New Style.....	20
" 950.	" " Thimble.....	20
" 950.	" " Complete.....	1 00

2-WHEEL SULKY REPAIRS. List Price.

No.	8n.		List Price.
"	22n.	Saddle or Beam Rest.....	\$ 1 00
"	412.	Leveling Lever only.....	1 50
"	412.	Hub Wood Wheel.....	70
"	412a.	Hub Steel Wheel.....	70
"	413.	Crank Axle, R. or L.....	2 00
"	430.	Axle Washer.....	10
"	431.	Axle Nut, R. or L.....	15
"	413x.	Axle Stub, Steel.....	1 00
		Sulky Lift Spring.....	60

DISC HARROW CASTINGS.

No.		List Price.
No. 320.	Malleable Scraper.....	\$ 25
" 326.	Cast Spread Spool.....	50
" 327.	" Bearings or Box Spool.....	60
" 327A.	" " " " New Style.....	20
" 327N.	" " " " ".....	40
" 328.	" Standard short.....	1 00
" 328NL.	" " new style.....	1 50
" 328½.	" " long.....	1 50
" 329.	" " cap.....	35
" 329NL.	" " new style.....	35
" 330.	Cast Nut Washer.....	20
" 331.	" Bumpers.....	25
" 332.	" Ware Iron on rear of tongue (no cut) old style.....	40
" 333.	" Lever Ratchet.....	40
" 333H.	" " ".....	50
" 334.	" Seat Support Block.....	65
" 335.	" Seats.....	1 50

In ordering Cultivator Shovels, Bull Tongues and Mold-Board Shovels it will always be necessary to state whether the Shovel is fastened to an oval shank with a bolt, or to a round shank with a set screw, or we will be unable to tell which to send.

Forty per cent. discount from the above list prices on all Cast and Malleable Repairs in the Repair Catalogue. Twenty-five per cent. discount on all steel parts except when net prices are given above. Send for complete Repair Catalogue if you do not find what you want here.

SEE OUR LIST OF SPECIALTIES.

Write for Special Circulars giving complete information on any of these articles in which you are interested. Our Buggy and other Catalogues are too expensive for miscellaneous distribution, but gladly sent on application.

Weight.	Our Price.
900 3 in. Wagon, complete with Brake & Spring Seat,	\$44 50
1000 3 1/4 " " " " " " " " " " " "	46 00
400 B Grade Top Buggy, very neat, reg. price, \$75.	45 00
Nice Top Buggy	35 00
400 A Grade Full Leather Top, reg. price, \$90	50 00
300 Road Wagons, natural wood finish or painted	24 00
400 Surreys, canopy top, nickel rail, regular price \$95.	67 50
Send for 32-page Buggy Catalogue.	
500 Steel Farm Trucks	31 00
500 Handy " " " " " " " " " " " "	26 00
4-in. Tire Met. Wheels, 30 in. 3 15 34 in. 3 60: 35 in	4 00
Send for circular giving cuts and full information.	
No. 100 Rubber Buggy Top	9 00
No. 150 Leather Quarter Buggy Top	12 00
No. 100E Extension Top, 2 Seats	12 50
No. 0. Canopy Top, Complete with Curtains	12 00
Send for 52-page Catalogue of Tops, and all kinds of Buggy Fixtures Cushions, Storm Aprons, and how to order same.	
No. 1 Buggy Poles, 1 3/4 x 2 with Evener, Neck Yoke and Straps	3 75
No. 5 Buggy Shafts	2 50
Send for circular containing cuts description and prices.	
Spalding Bolster Spring, capacity, 2000 lbs. per set	7 90
Com'n Sense " " " " " " " " " " " "	4 00
Adams " " " " " " " " " " " "	4 25

Weight.	Our Price,
Low Down Easy Bolster Spring	
Send for circular containing cuts, description and prices on 36 different sizes and 4 different styles.	
190 Swel' Body Cutter	15 00
120 Handy Oscillating Cutter	13 75
325 No. 1 Bob Sled, 2 Beams	15 00
340 Oscillating Bob Sled, length of shoe, 3 ft. 6 in	16 50
68 No. 1 Boss Steel Runner Attachment for Buggies,	6 50
Send for complete catalogue giving full information.	
Harness, single	\$4 75
Double	16 00
Send for complete harness catalogue.	
120 Sewing Machines, High Arm Singer, 5 drawers, reg. price, \$40	13 50
120 Sewing Machine, "World's Fair," High Arm, very handsome, 5 drawers, reg. price, \$50	18 00
120 Sewing Machine, "New Hapgood," High Arm, very handsome, 5 drawers, regular price, \$50	18 50
St. Louis Steel Range	20 00
Alton Cast Range	20 75
Hard Coal Base Burner	\$10 00 to
Soft " " " " " " " " " " " "	25 00
Common Cannon Stove	14 00 to
Send for our complete Stove Catalogue. We can also furnish repairs for 80000 different stoves	
475 3-ton Wagon Scale, iron levers, platform 7x13	35 00
550 4-ton " " " " " " " " " " " "	42 00
650 5-ton " " " " " " " " " " " "	47 00
140 400-lb. Portable Platform Scale, with wheel	12 00
175 1000-lb. " " " " " " " " " " " "	18 00
150 Incubator, single or double tray, 3 styles, 200 egg sizes, regular price, \$35.	16 00
100 Asphalt Gravel Roofing, best made, per square	3 25
Corrugated Steel Roofing, per square	2 50

LIST OF SPECIALTIES—CONTINUED.

Weight.		Our Price
100	Road Scrapers—Columbus, \$5.50; Boss, 5 25 and others (also Tongue and Wheel Scraper);.....	\$5 15
150	Fanning Mills, No. 1 complete, reg. price, \$30.....	14 00
750	Field Rollers, with wood staves, reg. price, \$40.....	22 00
1100	Cast Field Rollers, 6 feet, reg. price, \$50.....	85 00
223	Hay Rake, combined, self and hand dump,, 8-ft., 20 teeth, steel wheels.....	14 00
425	Hay Tedder.....	23 50
	“ Carriers, Steel reversible.....	2 90
	Send for complete Catalogue of Hay Tools.	
475	Automatic Mowers, 4 ft. 3 ins. (other sizes in pro.).....	30 00
160	Cider Mills No. 1.....	13 00
500	Cane Mills, (we also have Evaporators).....	20 00
23	Bicycles, \$100.00 Wheels we sell for.....	45 00
	Send for our Bicycle Catalogue before buying.	
225	Champion Potato Planter.....	25 00
80	No. 2, Potato Digger, 16 inch.....	9 00
85	“ 3, “ “ 18 “.....	10 00
	Royal 8 ft. Steel Geared Wind Mill.....	25 00
	New Era 8 ft. “ “ “ “.....	22 00
	Send for complete Catalogue in reference to Wind Mills.	
	Pitcher Spout Pump.....	1 50
	Force “.....	4 50
	Spray “.....	3 19
	Chain “ for 8 foot cistern.....	5 85

Weight.

Our Price.

	Wind Mill Pump.....	\$4 50
	Send for complete Catalogue in reference to Pumps.	
	One horse tread powers.....	72 50
	Two “ “ “.....	85 00
	Piasa Bird Paints, gal.....	95
	Barn and Roof Paints, gal.....	60
	Farm Bell. All sizes, very cheap.....	
	“ Safes.....	11 00
	School Desks and Seats, send for prices.....	
	Root Cutter, “ “ “.....	
	Wheel Barrow Seeder, “ “ “.....	
	Well Augers, “ “ “.....	
	Gasoline Engine, “ “ “.....	
130	Pearl, 1 Hole Sheller.....	5 25
235	“ 2 “ “.....	13 50
525	2 Hole Self Feed (send for full information).....	32 50
140	Animal Tread Power.....	15 68
30	Churns, 8 sizes.....	2 85
100	St. Louis Washer.....	3 00
325	Steam Boiler and Cooker.....	23 00
300	“ Feed Cookers.....	22 00
125	Tank Heaters.....	5 00
11	Wilson Stock Fountain.....	2 50
41	Folding Hand Saw.....	15 00
310	Sliding Saw Table.....	18 00
3000	Hapgood Baling Press, price very low.....	
200	Farmer's Kit Tools, 11 pieces, a dandy.....	21 00

LIST OF SPECIALTIES—CONTINUED.

Weight.		Our Price.
	Excelsior Dehorner, Large Size.....	\$ 6 00
400	Portable Corn Cribs, capacity 500 bushels.....	10 00
	Acme Slat Fencing, all kinds, very low.....	
	Woven Wire Fencing, all kinds, very low.....	
	Send for 30 page Catalogue on this subject.	
600	Horse Powers.....	32 00
	Boss Disc Sharpener—you want one, only.....	2 50
14	Corn Harvester, 3 styles.....	13 75
85	Fruit Evaporator, 3 styles, 5 sizes.....	17 00
	*Binding Twine—prices quoted in season.	
	*Baling Ties, 8-ft., No. 16 Wire, 250 ties in a bdl.....	1 50
	Barb Wire, 2 or 4 point, painted, 2c.; Gal. Wire, 2¼ c. Nails.	
44	Planet, Jr., Single Wheel Hill Dropping Seed Drill.....	\$ 9 00
50	" " No. 2, Comb. Drill, Wheel, Hoe, Cultivator Rake and Plow.....	9 00
525	Corn Planters, 4 styles.....	30 00
80	Check Rowers for all Planters.....	9 50
525	Dandy Hoe Drill, 8 Hoes.....	49 00
575	Comet Shoe " ".....	35 00
200	Broadcast Seed Sower, 11 feet.....	14 25
130	Endgate Seeders, 2 styles.....	8 00
35	Hapgood Iron Lever Feed Cutter, 9 styles.....	5 00
200	Feed Grinders, 2 styles.....	15 00
350	" Mills, 8 styles.....	
35	Bone Mill for Poultry Meal.....	4 00
130	Daisy " " " ".....	15 25

Prices on articles marked * are subject to change, but we will fill orders at these prices as long as possible, and in case of Advance will advise you before shipping.

Weight.		Our Price.
175	14-tooth Harrow Tooth Cultivator.....	3 00
	Add for Lever, 50c; for Wheel, 50c. extra.	
	Horse Hoe Attachment, best, per set 3.....	1 00
	" " " common " 3.....	80
120	Listing Cultivator.....	8 00

By noticing the large list of Specialties you will readily appreciate that it would take a large Catalogue to give you full information and prices on all the different sizes and styles. To get this information send ten cents for our big Implement Catalogue. This simply covers the cost of mailing. The book itself is free, and we allow you to deduct this ten cents from your first order. We wish we could afford to send it free to everyone, but we cannot, but are glad to donate it in the above manner to every Customer.

All these prices are subject to the cash discount terms Page 1 (except where marked strictly net cash in Catalogue).

All specialties we not only guarantee ourselves, but they are also guaranteed by the Manufacturers.

We handle nothing but the best, as we consider nothing too good for our customers. We never sacrifice quality for price. Parties who simply want cheap goods must look somewhere else, but we do claim that, quality considered, we are making you lower prices to-day than any concern on earth, and to back up that statement we propose to duplicate prices quoted by any other concern on earth and give you 5 per cent. discount besides (except on staple net goods).

FREIGHTS.

You will notice in our Catalogue that we have quoted some prices F. O. B. Kansas City, Omaha and Minneapolis. The Class rates to these points are:

1st Class.....	60c.	3d Class.....	35c.
2d Class.....	45c.	4th Class.....	27c.

A great many Railroad Agents can quote you freight rates from these points when they cannot from Alton, so we guarantee these rates on the actual weight of any goods of our own manufacture. It will also apply to a great many of our specialties.

Do not let the matter of freights frighten you. We will quote you freights to your town at any time, and stand ready to guarantee them on the actual weight of the goods, provided we are advised in your inquiry that you wish us to do so.

FREIGHT CLASSIFICATIONS.

All Freights are quoted at so much per hundred pounds, the minimum charge on any shipment, however, being not less than 25c. no matter what the weight may be. Different goods however, take different classifications, as for instance, the rate of freight from Alton to nearly all Iowa points on the Burlington is:

First Class.....	60c.	Third Class.....	32c.
Second ".....	45c.	Fourth ".....	27c.

So that when you have the weight of an article, and the classification, you can easily determine the amount of freight.

The Western Classifications covers nearly all shipments West of the Mississippi River. The shipments South, oft-times takes two or more classifications, so that while we do not guarantee these as being absolutely correct, as they are subject to change, it is so near correct that the difference will amount to little or nothing.

FREIGHT CLASSIFICATION—Continued.

Walking Plows, set up	First	Class.
" " knocked down.....	Second	"
Sulky and Gang Plows, all kinds.....	"	"
Walking Listers.....	"	"
Steel Harrows, all kinds.....	"	"
Wood Harrows, without teeth.....	Third	"
Disc Harrows.....	Second	"
Cultivators, all kinds.....	"	"
Corn Planters.....	"	"
Corn Shellers.....	"	"
Grain Drills.....	"	"
Stalk Cutters.....	First	"
Wagons.....	"	"
Buggies and Carriages..... 1 & 1½ times	"	"
Sewing Machines.....	"	"
Stoves, (owner's risk).....	Third	"
Scales.....	Second	"
Roofing.....	Third	"
Wheel Scrapers, knocked down.....	"	"
Drag Scrapers.....	Second	"
Safes.....	Third	"
Barb Wire, Nails, Twine, Etc.....	Fourth	"
Fanning Mills, knocked down.....	First	"
Feed Cutters.....	Second	"
Rollers.....	"	"
Hay Rakes.....	"	"
Mowers.....	"	"
Cane Mills.....	"	"
Cider Mills.....	"	"
Horse Powers.....	"	"
Hay Carriers.....	"	"
Pumps.....	First	"
Elevator Bucket Pumps.....	Third	"

The greater majority of Agricultural implements take second class freight. There being only a few articles taking either First or Third Class.

Send 10 cents in stamps or silver (to help pay expense of mailing), our Big free Catalogue of everything in this Catalogue; also Buggies, Harness, Sewing Machines, and 1,000 other specialties. You can deduct the 10c from the first order.

A CHAPTER ON STEEL.

We receive a great many letters from farmers asking if we use good steel, and we are led to believe that the question is raised by the agents of the old system, who, unable to meet our prices and not willing to admit that the difference between our prices and theirs simply represents the profits and expense of the old system of doing business, try to deceive the farmer in this way, so we will explain some things that will post you in these matters.

There are three kinds of plow steel used.

1st. Open hearth or common plow steel, sometimes called Bessemer. This is used a great deal by blacksmiths for making extra shares, and it is sold by hardware dealers for the same purpose, and is only used by us in Prairie Breakers and Rod Breakers where the soft steel is required; one that can be hammered cold, but cannot be tempered hard.

2d. Crucible analysis steel, which is an imitation of crucible cast steel and somewhat better than the common plow steel, is used by many manufacturers in place of the regular crucible cast. We do not use any of it.

3d. Crucible Cast Steel. This is used in covering shovels where a highly tempered steel is not required; also in Brush plows where a highly tempered plow would be liable to break. Special high carbon C. C. steel is used by many manufacturers for extra shares, and where the ground is of such a nature that it will scour, is strongly recommended, especially where there are no facilities for sharpening or tempering soft center shares. A blacksmith can easily sharpen these shares. The more they are hammered the better and harder they are and will wear well, but it cannot be tempered. If attempted it will be brittle and break. Used mostly in the South. We do not use this in any of our Plows.

4th. Soft center steel, from which all our Plows are made. We show a cut of this steel which consists of two layers of hard steel with a layer of soft in the center, which enables a properly equipped factory to temper and harden it until it is almost as hard as glass. This is the steel we use in our goods and costs several times as much as the cheap steel.



Some factories have the gall to try to make you believe that the good Lord grows their material for them, and that they have a monopoly of all that is worth having in that line, so some agent will sing you a loud if not harmonious song of why their soft center steel is better than other factories. Now just a word so you can puncture the gentleman's tire, and you will find it all wind: There are ten steel companies making soft center steel. Two or three of them make the bulk of all that is made, and the entire product is sold to a syndicate which sets the price, and all the manufacturers walk up to the Captain's office and settle at the same price, specifying which factory they want to make the steel. We naturally take the best there is, as there is no difference.

Our steel company is the largest of the ten, and we suppose supplies three-fourths of the steel made.

In conclusion permit us to say that our material is the best that money can buy. It costs as much to make our goods as any other factory. We do not pretend to give them to you or to sell them for cost; we simply agree to sell you for cash as cheap as other factories sell to the dealers, and the difference therefore is not in the goods, but simply represents the profits and expenses of the middleman and the old system of doing business, all of which you have to pay.

Moral: Buy your own goods direct from the factory and keep this profit in your own pocket.

OUR ADVANCE AGENT.



OUR special high grade plow that we are building for advertising purposes and which we sell at less than cost on the same theory that the groceryman sells you more sugar for a dollar than he can buy, to induce you to call and get acquainted, so we hope to receive your order and to make your acquaintance and be given an opportunity of mailing you our catalogue, explaining **OUR METHODS OF SELLING DIRECT TO THE CONSUMER AT WHOLESALE PRICES, GETTING RID OF ALL MIDDLEMEN and THEIR PROFITS and EXPENSES.** We know that we will be favored with all your business when you learn what we are doing.

This plow is made with our celebrated double board, our combination slip or bar share, it enables you to handle it as a solid bar or a slip share. Extra shares will be slip shares, and saves the heavy expense of extra bar shares. The landside is 3 inches wide, $\frac{5}{8}$ of an inch thick and highly tempered **AND IS GUAR-**



12 inch, - \$7.00 14 inch, - \$8.00
Rolling Coulter with Plow at - \$1.50

There is no discount on these prices, and the cash must accompany the order, or written order be sent us with the proper endorsement from your bank, (as we guarantee to refund the money promptly; however if you are not satisfied, we trust you will send the cash along with the order, and save us expense.) All second orders will beat the price of our regular "D" Series of Plows.

We guarantee if you once commence buying direct from the factory, and learn how safe, easy and **PROFITABLE** it is, you will never buy your goods in any other way. In some communities a farmer is not considered smart who does not buy his goods direct from the factory. Try one of our Advance Agents, tell your neighbors and friends, and let us hear from you often.

Yours for Business,

HAPGOOD PLOW CO.

ANTEED TO WEAR LONGER THAN ANY PLATED LANDSIDE EVER MADE. IT IS A DANDY. WE GUARANTEE IT UNCONDITIONALLY TO SATISFY YOU, OR IT CAN BE RETURNED AT OUR EXPENSE, AND YOUR MONEY WILL BE REFUNDED.

Hapgood Plow Co., }
ALTON, ILL. }

ORDER BLANK.

(READ BEFORE SIGNING.)

.....189.....

Please ship me....., at \$.....,
which I will receive and pay the freight, and at once give it a thorough trial, and if it fails to work
satisfactorily I will at once notify you describing the trouble, and on receipt of your suggestions I
will try it again, and if it is not then satisfactory I will ship it free of charge, according to your
directions, losing the freight I have paid, (you to pay the freight back to factory); and if the imple-
ment does good work, I will within ten days after its receipt, remit you \$.....by bank
draft, post office or express order, or by express prepaid.

For the purpose of obtaining above credit, I hereby certify that I have property in my own
name worth at a fair valuation \$.....over and above all debts and liabilities.

IF YOU PREFER NOT TO
MAKE PROPERTY STATEMENT, HAVE CER-
TIFICATE BELOW SIGNED
BY BANK OR SOME BUSINESS MAN.

Signed.....

I am well acquainted with Mr....., who signed the
above order, and I know he is legally responsible.

Signed,.....

Order taken by.....

THERE are a number of specialties for which we have already contracted, which we cannot find room to describe in this catalogue, but which we are prepared to furnish and to send you special circulars giving complete information.

We issue, however, a large catalogue, containing complete information, and which is too expensive for miscellaneous distribution, but which we will furnish free on receipt of 10 cents in silver or stamps to cover expense of mailing. The book itself is free and the 10 cents you can deduct from your first order.

A few of the goods which we can furnish which are not described in this small catalogue are as follows:

RUBBER HOSE and BELTING,
SEEDS OF ALL KINDS,
WIRE TIRES FOR WAGONS,
BARB WIRE, SMOOTH WIRE,
Our Celebrated PIAZA PAINTS, all prepared, ready for the Brush,
FRUIT EVAPORATORS,
PUMPS OF ALL KINDS,
SAFES, FARM BELLS,

LEATHER BELTING,
BAGS, BALING TIES,
POTATO PLANTERS,
CUTTERS and BOB SLEDS,
GRAIN DRILLS,
STUMP PULLERS,
TREAD POWERS, Etc., Etc.

GANDY BELTING,
STEEL ROOFING and SIDING.
DIGGERS and MARKERS,
HAY PRESSES,
HORSE POWERS,
CLOCK and HEATING STOVES,
GASOLINE ENGINES.

In fact, nearly everything you use on the farm, and at prices which will save you money, and we guarantee you satisfaction or you return the goods at our expense.

We are offering you bargains equal to any concern in the United States, and if you have cuts and description of an article from any other place send the same to us and we will get you the goods for the same price and in most cases will be able to give you a small discount besides.

Do not confuse us with the so called Catalogue Houses who represent imaginary Factories, but whose only capital is unlimited gull, a few letter heads with a few cuts photographed probably from our own Catalogue, and located in an office in the garret of some large building, and who are without responsibility. Give our plan a trial and we feel confident you will always buy your Goods through us.

HAPGOOD PLOW CO., Alton, Ill.

• • **WORKS** • •
OF



**HAPGOOD
PLOW Co.**

PUT THIS CATALOGUE
AWAY FOR
FUTURE REFERENCE.



ALTON, ILL.,

16 MILES
FROM ST. LOUIS ON THE
MISSISSIPPI RIVER.



ONE OF THE YOUNG ONES.

Steamboat connection with
all River Points. Five great
Railroad Systems.

**CHICAGO, BURLINGTON
& QUINCY,
CHICAGO & ALTON;
BIG 4;
BLUFF LINE; M. K. & T.**

**ONLY PLOW FACTORY IN THE UNITED STATES SELLING
DIRECT TO THE FARMER.
NO AGENTS. NO MIDDLEMEN.
OUR PRICES SELL OUR GOODS.**