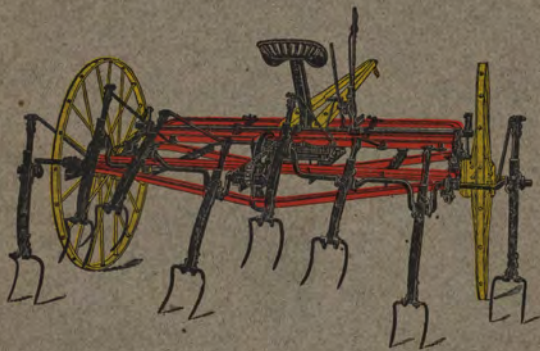
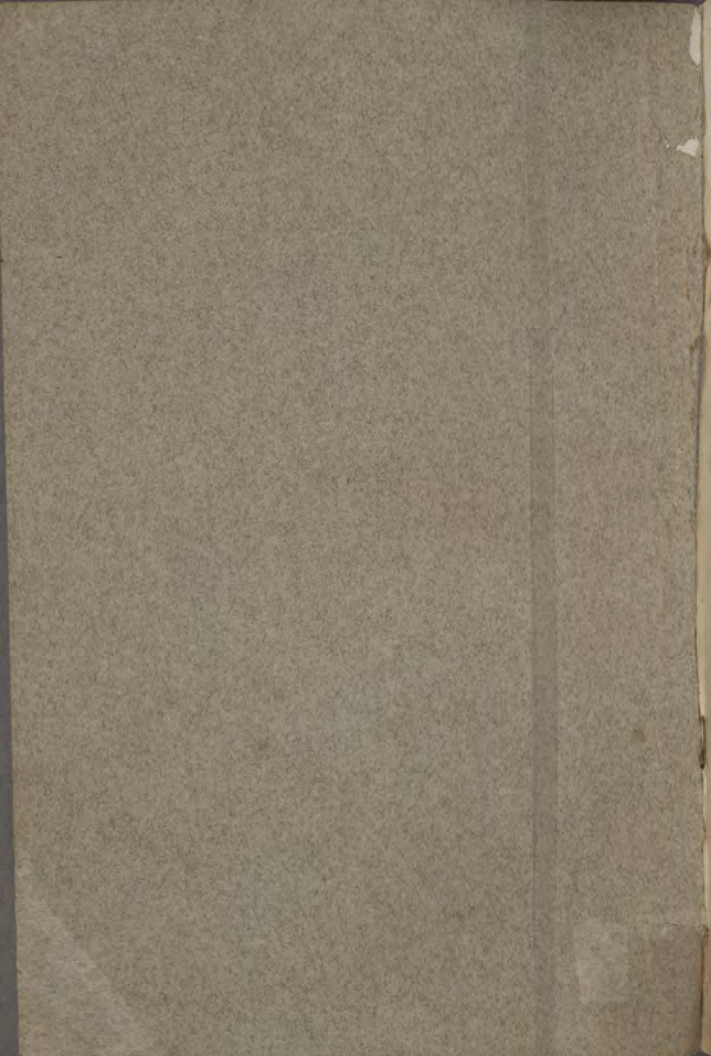


**MOUNTVILLE
MANUFACTURING
COMPANY**



**MOUNTVILLE
LANCASTER COUNTY
PENNSYLVANIA.**



Freight on Champion Shells. 30 Mt 150 lbs.



ILLUSTRATED CATALOGUE

OF

Agricultural Implements

MANUFACTURED BY

The Mountville Manufacturing Co.

Mountville, Lancaster Co., Pa.

PRINTED BY
THE HOFFER PRESS
MOUNT JOY, PA.

I N presenting our line of goods to the trade as shown in this catalogue we give only what is manufactured strictly by us. These goods are the result of years of experience, with the best workmanship and materials that can be obtained, and this fact has won for our goods a wide reputation.

Our motto is **only the best**, and in order to carry out this it may be that it will cost more to build our goods, but the difference, if any, will be paid back many-fold in the service given, for we have learned by long experience that the best is always the cheapest.

Our line of goods covers nearly all the wants of a farmer, from a hay tedder to a small poultry trough, as the the cuts show, all finished in the latest style.

From those who have not handled our goods we ask a trial order, to prove the workmanship and durability of our goods, and we feel sure we can please you, because we keep strictly up to date, and are always trying to improve.

And now as you examine our catalogue we wish you to observe that we build only one grade, not a second or third grade as is very often the case, and when you buy from us you get the very best. We solicit your correspondence and trade, and if anything is not understood kindly notify us, we shall give it immediate attention.

MOUNTVILLE MANUFACTURING CO.

THE SUPERIOR ROLLERS.

Patented.



Figure 1.

The trade will find our SUPERIOR STEEL RIM ROLLERS equipped this season with either corrugated pressed steel closed ends, or can be had with our steel open ends, as shown in cuts. Our Superior Oak Stave Rollers are only made with the steel open ends, as cut shows. This steel end is made of channel steel, and for strength and durability is unsurpassed.

We also do away with cast iron hangers. The latest hangers on all our rollers being made from Bessemer bar steel, $2\frac{1}{2}$ in. which surpasses the cast iron ones.

We have taken special care in making our corrugated pressed steel closed ends in having them made from heavy plate steel of No. 9 gauge, which is heavier than most manufacturers are using. On this corrugated pressed steel closed ends we have patents.

In adopting steel over cast iron parts in our Rollers we take away all possible chance of breakage while in transit or in use.

THE SUPERIOR FIELD ROLLER has now a wide reputation for excellence and durability, fully justifying the name given it; and it is by its MERITS creating an increased demand every year.

THE SUPERIOR ROLLERS.

Patented.



Figure 2.

THE SUPERIOR has advantages over all other rollers now on the market, and with its patented DOUBLE BUSHINGS will last the farmer a lifetime if properly cared for. The bushings at the end and inside bearings are placed on a square shaft which passes through the drums. Heads on shafts are both fully protected from wear and the bushings only require renewal.

IT IS THE ONLY DOUBLE BUSHING ROLLER MADE.

THE DOUBLE BUSHINGS of the Superior are so arranged in the heads of the cylinders that they can be removed when worn and replaced by new ones at little expense, frequently saving the cost of a new head as compared with other rollers. The Superior is made with either STEEL RIMS or OAK STAVES.

THE STEEL RIMS are made of the best high carbon steel for the purpose, and the rims or cylinders are firmly riveted to the heads, which are heavy and substantial.

THE OAK STAVE or Wood Drum Roller, is made of good oak lumber, the staves are fastened in grooves in the steel heads, which are held firmly together by three rods in each drum. Great care is taken in having the lumber WELL SEASONED.

THE SUPERIOR ROLLERS.

Patented.



Figure 3.

Our Bolted Stave Wood Drum Rollers are being sold more largely each year. They can be had with corrugated pressed closed ends or open steel ends. Roller Staves are tenoned in the head and held in place by three long rods in each drum.

Oak Stave, 28 inch diameter, 2 sections, Bolted Staves	750 lbs.
Open ends, Oak Stave 28 inch diameter, 2 sections, Bolted Staves	750 lbs.
Closed ends, Oak Stave 28 inch diameter, 2 sections, Bolted Staves	750 lbs.
Steel Rim, 24 inch diameter, 2 sections, Rollers.....	700 lbs.
Steel Rim, 26 inch diameter, 2 sections, Rollers.....	750 lbs.
Steel Rim, 28 inch diameter, 2 sections, Rollers.....	775 lbs.
Steel Rim, 30 inch diameter, 2 sections, Rollers.....	800 lbs.
Steel Rim, 24 inch diameter, 3 sections, Rollers.....	725 lbs.
Steel Rim, 26 inch diameter, 3 sections, Rollers.....	750 lbs.
Steel Rim, 28 inch diameter, 3 sections, Rollers.....	800 lbs.
Steel Rim, 30 inch diameter, 3 sections, Rollers.....	850 lbs.

ONE HORSE ROLLERS.

We furnish the above sizes in diameter in our one horse roller. They can be had in 4 or 5 feet lengths, either in one or two sections.

Rollers are furnished with pole or shafts and seat.

For neck yokes and whiffletree an extra charge is made; they are not included unless by agreement.

PEERLESS STEEL HAY TEDDER.



Figure 5.

The Greatest Kicker in the World. Our tedder is particularly adapted to the curing of hay regularly and without tearing it to pieces; exposing the bottom hay to the action of the sun no matter how heavy the crop may be; throwing the hay sufficiently high and leaving it on the ground open and loose, so as to permit a free circulation of air.

By its use hay is more nutritious and more marketable, weighing more and having a value of from one to two dollars per ton over hay improperly cured. With our tedder a crop can frequently be housed in cloudy weather which otherwise would be lost or greatly damaged.

Our tedder is made of iron and steel, strong and durable; has a center chain drive power applied from both wheels at once.

Forks and springs made of crucible spring steel (tempered).

The fork crank shafts are so constructed that no two forks strike the hay at the same time.

PEERLESS STEEL HAY TEDDER.

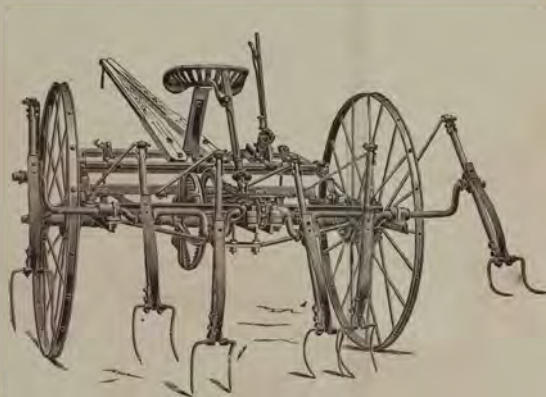


Figure 6.

The relief springs are under front of frame, with means of adjusting length of forks while in motion, and of backing without running the forks.

The levers, two in number, one for throwing in and out of gear and the other for raising and lowering the frame—both can be readily used by the driver from his seat.

The two kicker forks outside the wheels take up the hay that the driving wheels tread down, thus leaving no grass untended.

The frame is made of the best quality angle steel, thoroughly jointed and bolted, and is supported by one strong truss on the six-fork and two trusses on the eight-fork machine.

The crank shaft is of Bessemer refined steel, fitted with long bearings.

PEERLESS STEEL HAY TEDDER.

The fork arms are clamped to the crank boxes, instead of being drilled and bolted.

The frame is provided with relief springs, which saves strain on the machine in the event of forks striking an obstruction.

The wheels are of steel, with staggered spokes screwed, instead of cast, into the hubs and fastened at the tire by hexagon nuts on the outside and jamb nuts on the inside.

Lever for raising and lowering and foot treadle for throwing in and out of gear are within easy reach of the driver.

The seat is adjustable—can be raised or lowered to suit driver.

All bolts throughout the machine are securely held in place by double or lock nuts.

Every Tedder is provided with combination thills and pole and can be changed from a one to a two-horse machine in a very few minutes.

In fact, the "Peerless" is the greatest "kicker" on earth, but the farmer who uses it never kicks.

PARTS TO OUR 6 AND 8 FORK TEDDER.

C2 Main Shaft Boxes, bore $1\frac{1}{4}$.
 C3 Main Shaft Centre Box, bore $1\frac{1}{4}$.
 C4 Small Shaft Boxes.
 C5 Hubs, where paws fit in.
 C6 Old Hinge Casting.
 C7 Square Frame Washer.
 No. 8 Large Gear Wheel.
 No. 9 Chain Sprocket Wheel with Clutch.
 C10 Cap Box to Front Frame.
 No. 11 Washer, with square holes, for front frame.
 No. 18 Cast Pinion.
 R17 Right Arm to Front Frame.
 L17 Left Arm to Front Frame.
 No. 50 Cast Wheel Hubs.
 No. 70 Malleable Spring Plate.
 C30 Connecting Rod, malleable, old.
 C44 Connecting Rod, malleable, new.
 C80 Top Fork Arm, malleable casting.
 C68 Chain Tightener.
 C60 Centre Sprocket Box.
 83 New Hinge Casting.
 C56 Crank Box, old.

CB Lever Casting to Front Frame.
 C0 Cap Box to Front Frame.
 R Paws for No. 5 Hub.
 L Paws for No. 5 Hub.
 107R Fork Malleable Castings.
 107L Fork Malleable Castings.
 C24 Crank Box to Old Tedder.
 C12 Crank Box to New Tedder.
 C13 Shifter Box, large.
 C14 Shifter Handle.
 No. 325 Large Half Circle, old.
 No. 326 Large Half Circle, new.
 C1 Small Half Circle, old.
 C90 Malleable Shifter.
 Malleable Pole Castings.
 Kicker Legs.
 Centre Crank, Shifter Sprocket, Crank Shafts.
 Connecting Rods.
 Top Fork Springs.
 Steel Forks.
 Large Driving Wheels.
 Wood Shafts.

HERO CORN SHELLERS.

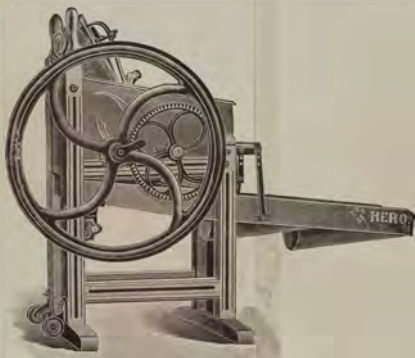


Figure 7. Hero Sheller. Left Hand.

The following pages fully illustrate our double spout Hero and Jupiter Shellers, which embrace all the latest improvements and besides are the lightest running and most durable shellers on the market. They have been awarded cash premiums and diplomas by competent judges wherever exhibited. Their materials are carefully selected, and for workmanship and finish are unsurpassed. The following points indicate the care taken in the manufacture of our shellers :

HERO CORN SHELLERS.

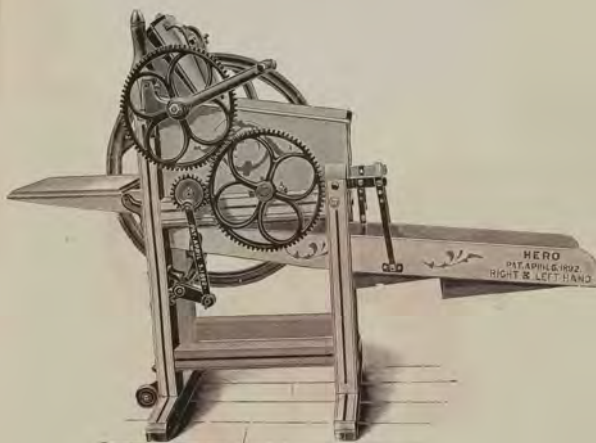


Figure 8. Hero Sheller. Right Hand.

1. For ease of running they have no equal, as they have a large balance wheel, which is symmetrical, having a heavy rim it gives the sheller such momentum that a boy can operate it with ease. 2. Our patent spout arrangement is the simplest as well as the best on the market; such a thing as choking is unknown to it; whether the ears are large or small it will shell them perfectly clean without breaking a grain. 3. The shaftings are all turned, and scrapers and picker wheels are all keyed to a shoulder which prevents them from ever

HERO ROUND BACK CORN SHELLERS.

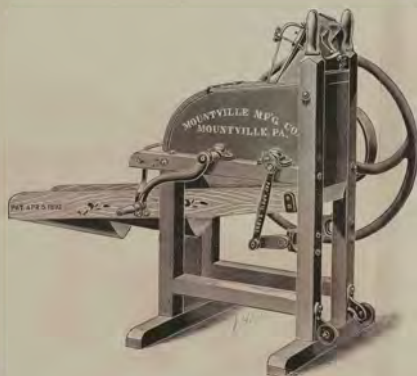
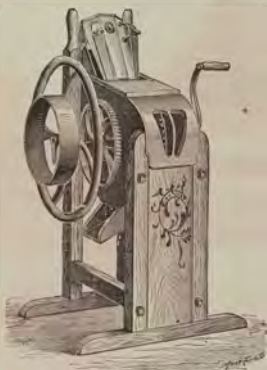


Figure 9. Hero Round Back.

working loose. This you will not find in any other sheller. 4. Our patent separator is, without a doubt, unsurpassed; it is made with a double bottom, out of the best of sheet iron and perforated by us. It also has a protector to prevent cobs from flying, which is the case in many other shellers. It also can be regulated up or down, as the operator may desire. 5. The frames of our shellers are made good and strong and are braced with rods running clear through the frame. The Double Spout or Hero Sheller has a capacity by hand of 250 bushels; or by

JUPITER CORN SHELLER.**Figure 10. Jupiter Sheller.**

power, 600 bushels. There have been attempts at imitation of the "Root" shellers, but without success.

Our Hero shellers are made with roller bearings when ordered, at a small extra cost. The steel rolls, nine in number, are fitted in a malleable iron casing and each roll works independently of the others and no rubbing together. The device is simple for it is self-oiling.

CHAMPION CORN SHELLER.



Figure 11. Champion Sheller. Right Hand.

This is a right-hand single-spout sheller made with shaker. The frame is made of the best hard wood, and is mortised and fitted together same as our Hero Sheller frames. The shaftings are all turned and castings keyed to a shoulder. This sheller has a wide reputation, as it is very easily adjusted and will shell the smallest to the largest ears of corn, and there is no danger of choking. It cleans the corn nicely; the dirt and chaff is taken out with the cobs. The capacity of this sheller is 25 bushels per hour. We furnish this sheller with roller bearings at a small extra cost.

ROVER CORN SELLER.



Figure 12. Rover Sheller.

This is a right hand single spout sheller made with side delivery, which separates corn from cobs. The gearing is on outside as cut shows. This is an excellent sheller, is well made, and has been on the market for many years.

The capacity of the Rover is 25 bushels per hour.



Figure 13. Pony Single Sheller.

PONY CORN SHELLER.

Our Pony is one of our most popular shellers, and the sales of it are growing each year. It is a right hand sheller and separates cob from corn. The gearing is enclosed as cut shows. The shaftings are all turned, and castings keyed to a shoulder. It has a heavy cast iron fly wheel and runs very light. Can be had with roller bearings at a small extra cost. The capacity is 20 bushels per hour.

MAINE CORN SHELLER.

This sheller resembles our Rover somewhat, but is lighter in weight, is a right hand sheller, and is made to separate corn from cobs, is made with side delivery as cut shows. It is light running and does nice clean work. Capacity 20 bushels per hour.



Figure 14. The Maine.

THE BOSS CORN SHELLER.



Figure 15. Boss Sheller.

Our Boss does not separate cob from corn, but discharges them together. This sheller is well made, has a heavy fly wheel, runs easy and does clean work. Capacity 20 bushels per hour.

PERFECTION CORN SHELLER.

This little sheller is cheap, simple and effective; it does the work perfectly. It will shell the largest down to the smallest ear of popcorn. It takes the cob around and throws it off at the back. By a little practice one bushel of ears can be shelled in about five minutes. We give along with our sheller a fly wheel, which aids the operator considerably.



Figure 16. Perfection Sheller

TRIUMPH FEED CUTTER.



Figure 17

Our Triumph Feed Cutter which has been on the market for several years and is doing excellent work, is a light running machine, easy to operate, and can be regulated to cut from $\frac{1}{4}$ to $1\frac{1}{2}$ inch. This cutter can be had with one or two knives, size of knives 11 inches. We build but one size machine as shown in cut. A trial order we know will please.

Our cutters when shipped are all knocked down, and carefully packed.

HANDY HAY AND STRAW CUTTER.



Figure 18

Our "Handy" Hay and Straw Cutter is so constructed that the lever on which the knife blade is attached can be adjusted to take up the wear of the knife and can be set to suit the operator. This cutter will cut hay, straw or fodder and give entire satisfaction. It is well made in every respect and has the standard size and shape, nicely finished, and will attract the eye of the buyer wherever exhibited.

MANURE HOOK.

This hook will save a farmer a great deal of time as well as hard work. With one horse a farmer can clean his stables in less than half the time require by using a barrow.

Our hook is provided with a lever for unshifting the load. This can be done without stopping the horse, which is quite an advantage.



Figure 19

THE MOUNTVILLE CORN PLANTER.



Figure 20. Leader

Mountville Corn Planters are strictly up-to-date. They are built in six different styles. In addition to those illustrated on pages 21 and 22, we make a concave wheel planter styled the **Columbian**, made single or with Fertilizer, and can furnish a runner when ordered. Also make a narrow-track planter, styled the **Young America**, which is also made single or with Fertilizer, and is driven by a chain.

Our planters are all built with a steel frame, and firmly braced, will stand the roughest usage and will draw lighter over the ground than any other planter on the market.

The boot is braced and made very strong and is made out of steel and malleable iron. When it strikes an obstruction there is no cast iron to snap or break. The shear is convenient to change.

The front wheel can be changed up or down, so as to plant deep or shallow. The covers can be so regulated as to set at any angle, up or down, to cover thick or thin. The clip, which holds covers fast to frame, is made out of refined iron and no castings are used on it.

Our device to change the different rings to Corn Hopper is very simple and complete. By loosening one thumb nut the hopper can be thrown back, which is hinged, and the rings changed and bottom nicely cleaned.

The bottom of rings and shafting are all turned and bearings bored; wheels all keyed fast to shaft; no set screws to work loose, nor wheels to slip off.

Our gearing is so simple that a boy can regulate the different distances; can be changed in an instant by our patent device. It is an impossibility to break any gearing. We have a disk wheel, which has four rows of cogs, which regulates distances to plant. We have a device so arranged that it is impossible to get the pinions in the wrong rows or to gear too deep.

Four rings are furnished with each planter—three single-hole rings and one double-hole ring, for dropping two on a hill. Each ring has a different size hole, to suit different sizes of corn, and with our peculiar construction of gearing each of the rings will drop (with single-hole rings) 10, 12½, 15 and 18 inches apart, and with double-hole rings, 20, 25, 30 and 36 inches apart. Rings to drop any distance can be furnished.

Our improved knocker has a small revolving wheel which makes a Corn Hopper a positive force feed which you can rely upon.



Figure 21. Challenge

A valuable feature is our grip lever, which, by pressing, will throw planter out of gear when turning and all feed stops.

Our Corn Hopper is in front and drops from the side, which gives the operator a plain view of its working.

The Fertilizer Hopper is so arranged that by removing two thumb nuts the hopper can be detached and parts easily removed, which leaves a smooth metal bottom. This feature is found on no other planter, and is universally admired. The feed is so arranged that the quantity to sow can be arranged in a few seconds, and will crush and sow regularly any kind of commercial fertilizer, whether damp or dry, that any other attachment will sow. The fertilizer sower has an agitator which prevents the fertilizer from arching in the hopper, and the upright shaft, where the force feed is attached, is provided with a break pin to prevent breaking, in case something unforeseen may get in. The shafts and bearings are all covered and fertilizers can't get to the working parts of the attachments. This prevents corroding or rusting.

All first-class steel and iron and the best of bolts are used in the construction of our planters. They are nicely painted and varnished.

We make a wood-box hopper to our planter when ordered. We also make a wood-frame corn and fertilizer planter.



Figure 22. Young America

WHEELBARROWS



Figure 23. No. 1 Wheelbarrow.

The increased demand each year for the Mountville Wheelbarrows speaks for the workmanship and materials used in their construction. They are made from the best grade of hard wood and are especially adapted for general service.

Size No. 1. Size of bin, 30 inches long, 24 inches wide in front, 25 inches in back; sideboards, 12 inches high, 30 inches long; handles, $5\frac{1}{2}$ feet long, $2\frac{3}{4} \times 1\frac{3}{4}$ inches; wheel, 22 inches in diameter, has eight spokes put in on a stagger; wheel well ironed with four iron bands on hub; tread, $1\frac{1}{2}$ inches; weight of barrow, 60 lbs.

WHEELBARROWS.



Figure 24. No. 2 Wheelbarrow

Size No. 2. This size is especially adapted for garden purposes, and is made from the best of hard wood, same as size No. 1. Size of bin, 25 inches long, 19 inches wide in front, 23 inches wide in back; sideboards, 11 inches high; handles, 5 feet long, $2\frac{1}{4} \times 1\frac{3}{4}$ inches; wheel, 22 inches in diameter, with eight spokes put in on a stagger, with four bands on hub; tread, $1\frac{1}{2}$ inches; weight of barrow, 40 lbs.

POTATO DIGGER.

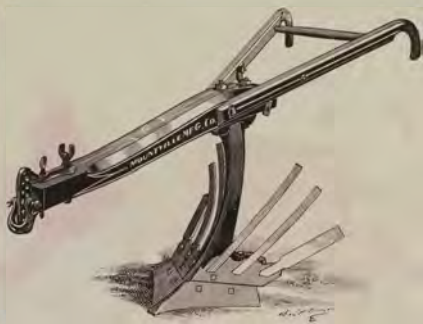


Figure 25

With the best of materials and workmanship we have gotten up a Potato Digger that gives universal satisfaction. It is indispensable to all potato growers. No farmer can afford to be without one of these implements, for it is a great money saver and will pay itself the first season. It digs clean, does not cut or bruise the potato and leaves them easy to gather.

We attach a wheel to the beam, which regulates the depth and steadies the implement. Our digger disposes of the vines and trash, bearing them down and turning them sidewise, which hindered and annoyed the operator with the old style diggers. The beauty about our digger is that it works in any soil, runs light, is easily managed and, besides, will last a life time.

Give our Potato Digger a trial and you will have no other.

"RELIABLE" BONE AND SHELL MILL.**Figure 26****Figure 27**

The accompanying cuts will give an idea how our Bone and Shell Mills are constructed. We claim our mill equal, if not superior, to any on the market. We can grind the shell or bone when dry to a meal, or as coarse as may be desired; also crack corn for poultry purposes. The cylinder, which is the great wearing part of a mill, is made from a select iron and is chilled to such a hardness that a file cannot touch it. Our cylinder is so corrugated that it grasps the bone and shell instantly. In this you will find our mill an advantage over others, and besides, the regulator is in convenient reach of the operator, and by a slight turn one way or the other, will grind coarse or fine. We make but one size; made to fasten to a bench or box, or to fasten to a table, or supported by three wrought iron legs, with a small bracket in centre to set a box on to catch the feed. Our mills are nicely finished, besides we give a large fly wheel, so as to give it the speed that is required to operate it with ease.

DAISY BAG TRUCKS.



Figure 28. Tubular Truck.



Figure 29. Wood Frame Truck.

Our New Tubular Truck meets the wants of the hardware, as well as the implement trade, for it is light, weighing but 30 lbs., is especially adapted for moving boxes and bags, is made strong and durable, and can't help but please the trade.

Our Wood Frame Truck is very popular, is made more especially for general use. The frame is made from well-seasoned white oak, and well braced. The castings are heavy, and will carry a good weight.

DAISY BAG HOLDER.



Figure 30.

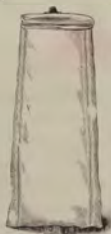


Figure 31.

The simplest, strongest and most convenient holder on the market, is made so it can be attached to any truck or to any support the user may desire; when not in use can be put in upright position so as not to be in the way; will take in any ordinary size sack, and will hold it firmly.

THE GIANT AND LITTLE GIANT SELF-LOCKING WAGON JACKS.



Figure 32



Figure 33

This jack is made to meet the wants of the regular hardware trade, as well as the implement dealer. It is simple, light, well-proportioned and strong. The steps are so arranged in height as to suit any size or style of wagon. As it is self-locking, it is the quickest working and most durable jack on the market. They sell themselves. We also make a heavier jack, intended for two and four-horse-wagons.

SQUARE TOP PUMP TROUGHS.



Figure 34.

20 inches long, 14 inches wide, 6 inches deep	\$2 95
24 inches long, 14 inches wide, 6 inches deep	3 20
24 inches long, 16 inches wide, 6 inches deep	3 35
24 inches long, 18 inches wide, 6 inches deep	3 70
27 inches long, 15 inches wide, 6 inches deep	3 58
30 inches long, 18 inches wide, 6 inches deep	4 20
30 inches long, 16 inches wide, 6 inches deep	3 90
30 inches long, 20 inches wide, 6 inches deep	4 85
36 inches long, 18 inches wide, 6 inches deep	4 85
36 inches long, 21 inches wide, 6 inches deep	6 00
42 inches long, 22 inches wide, 6 inches deep	6 50
42 inches long, 20 inches wide, 6 inches deep	6 40
48 inches long, 22 inches wide, 6 inches deep	7 90

CAST IRON HOG TROUGHS.



Figure 35.

The style trough we make has the rounding bottom. Is 11 inches wide at top, 6 inches deep. Made in lengths from 2 feet up to 9 feet, every 6 inches, weight per foot 13 pounds. 33

CAST IRON POULTRY TROUGHS.



Figure 36

The troughs are made with the square bottom and we can furnish them in the following sizes.

- 36 inches long, 6½ inches wide at top, 3 inches deep.
- 30 inches long, 6½ inches wide at top, 3 inches deep.
- 24 inches long, 6½ inches wide at top, 3 inches deep.
- 18 inches long, 3 inches wide at top, 1¼ inches deep.
- 6 inches long, 3 inches wide at top, furnished with lid.

CORNER FEED MANGERS.



Figure 37

We make but one size, 16 inches long, 16 inches wide, 10 inches deep. This size is very popular and is used very largely.

CAST IRON SQUARE MANGERS.

With Inside Flange.

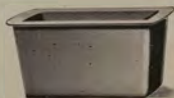


Figure 38

This style manger is made with inside flange. Is 19 inches long, 14 inches wide, 10 inches deep; weight, 35 pounds,

ADJUSTABLE MARKER AND SCRAPER.



Figure 39

Our Adjustable Marker and Scraper is no new implement but has been in use for a number of years, and is giving excellent satisfaction. It is so constructed that it takes the place of two separate implements, and will score out two rows at a time, and also answers the purpose of a scraper by detaching the marker fixtures and putting in their places the scraper fixtures, which we send along with each machine. This change can be effected in a very short time.

This machine can be adjusted to score or scrape from 2 ft. $7\frac{1}{2}$ in. to 3 ft. $7\frac{1}{2}$ in. apart. This distance we consider is wide and narrow enough for any purpose.

ROOT CULTIVATOR.



Figure 40.

Our **Root** is unlike many other cultivators in this that it is made higher in the frame, and the iron used in its construction is much heavier than is found in others. This cultivator is made for general use, is especially adapted for rough ground. A pair of hilling shovels and a set of half shovels go with each cultivator.

TRIPLE SHOVEL PLOW OR THREE-HOE DRAG.



Figure 41

Made heavy and strong. Specially adapted for Western Maryland, Pennsylvania and Shenandoah Valley trade. Our Drags are made either right or left-hand, with no extra charges.

SINGLE SHOVEL PLOW.



Figure 42.

Our single shovel plows are made in two sizes, medium and heavy. With the latter size we give our largest steel shovel, 14x15 inches, and with the medium size the steel shovel is 12x14 inches. These plows do excellent work and are made of iron and steel as cuts show.

THE CELEBRATED ROOT PLOWS.



Figure 43. No. 3 1-2

It is not necessary for us to introduce to the public the **Root Plows**, for they have been on the market for the last forty years and have won for themselves a wide reputation. They will outlive any other plow in the market and do better work and cost less for repairs. Among the advantages we claim are the following: They will scour in any soil and are remarkable for ease of draft; they are made adjustable to more or less land and will plow deep or shallow; they run light and are well balanced and easily managed. The mouldboards have a perfectly uniform chilled surface and have just the right shape to do perfect work in hard and rocky ground. The **Root** sticks to the ground better than any other plow and is the leading plow for dry and hard plowing. All our repairs are made from the best of materials, and every piece fits perfectly.



Figure 44. No. 12.

THE CELEBRATED ROOT PLOWS.

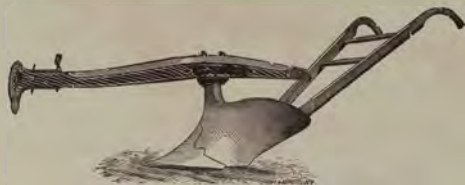


Figure 45. No. 5

In addition to the plows represented by the accompanying cuts, we also manufacture Road and Railroad Plows. Of these there are three sizes: Nos. 1, 2 and 3. They are all iron-clad, and Nos. 2 and 3 are furnished with trucks under beam. We also make a Right-hand Steel Share Two and Three Horse Plow; also, a One Horse Bar Share Plow, styled No. 1; No. 5, Cast Share Plow; No. 6, Self-sharpening Plow; Wiley Cast Share Plows, No. 7; and Hillside Plows. **We carry a full line of Repairs to all Root, Lititz and Wiley Plows.** The wheel and jointers are always extra. In ordering, please state plainly what is wanted so that no mistake will occur.



Figure 46. No. 31

STEEL SHOVELS FOR ROOT CULTIVATORS.



No. 0. No. 1. No. 2. No. 3. Root Cultivator Wing Shovel.

CULTIVATOR SHOVELS.—No. 0.—7 by $2\frac{1}{2}$ by 3-16 thick. No. 1.—10 by $2\frac{1}{2}$ by 3-16 thick. No. 2.—10 by 3 by 3-16 thick.

STEEL SHOVELS FOR CLIPPER CULTIVATORS.

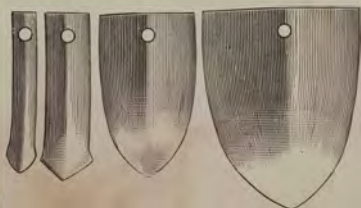


Narrow Spade Tooth. Spade Tooth. Jersey Tooth. Clipper Diamond. Corn Drag Shovel.

SPADE TOOTH.—9 by 3 by 5-32 thick. 9 by 2 by 5-32 thick. 9 by $1\frac{1}{2}$ by 5-32 thick.

JERSEY TOOTH.— $3\frac{1}{2}$ by $4\frac{1}{2}$ by 5-32 thick. These shovels can be furnished any desired width.

STEEL SHOVEL PLOW BLADES.



Calf Tongue. Bull Tongue. Double Shovel Plow Blade. Single Shovel Plow Blade.

Figure 47.

STEEL SHOVEL FOR SLIPPER CURTAINS



STEEL SHOVEL FOR SLIPPER CURTAINS





