



MOLINE PLOWS
AND OTHER
FLYING DUTCHMAN
FARM TOOLS

**MOLINE
PLOW
CO.**

MOLINE, ILLS.



Factory at Moline, Illinois.



INTRODUCTORY.



THE MOLINE PLOW COMPANY takes especial pride this year in calling the attention of its farmer friends to the large and varied line of Moline Plows and other Flying Dutchman Farm Tools illustrated and briefly described in this pamphlet.

Flying Dutchman Farm Tools are used in every country on the globe where civilization has taught the art of modern husbandry, and the great and growing demand for the goods is the best evidence of their superiority.

On account of limited space in this book, it is not possible to show the full line, or to go much into description of the tools, but the Company hopes anyone interested will ask his dealer, the nearest branch house, or the factory for further information, which will be furnished with pleasure.

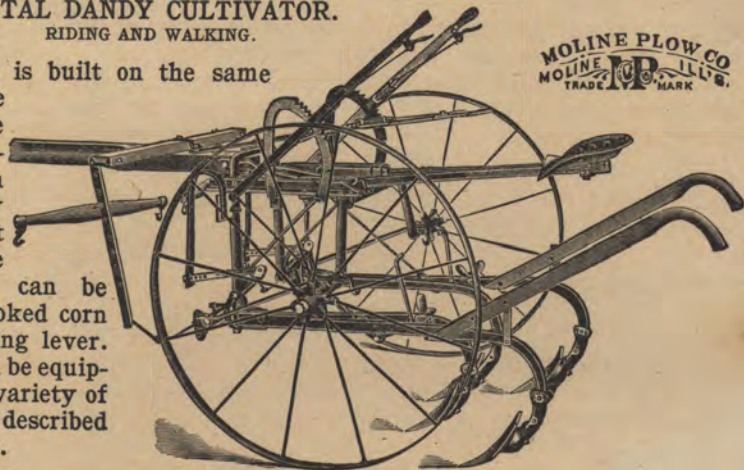
Respectfully,

MOLINE PLOW CO.

Moline, Illinois.

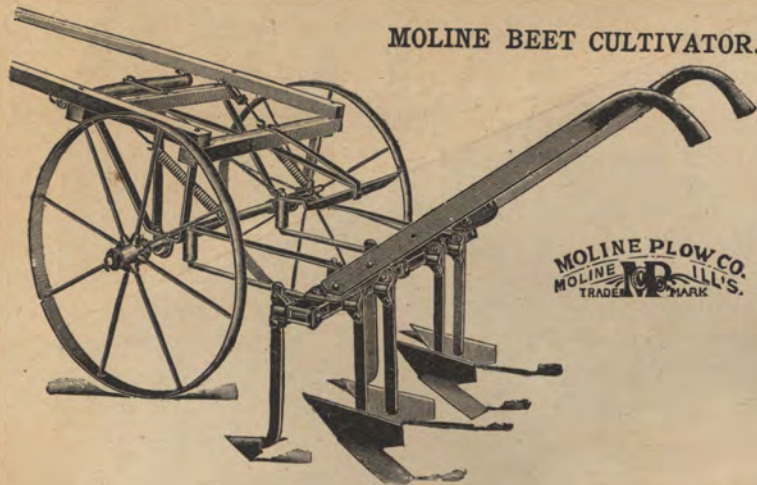
PIVOTAL DANDY CULTIVATOR. RIDING AND WALKING.

THIS Cultivator is built on the same plan and is the same success as the Dandy: Has a pivotal frame which can be set at any angle, making it valuable on hillside cultivating, or it can be used to dodge crooked corn by using the guiding lever. This Cultivator can be equipped with any of a variety of gangs, which are described in Special Circular.



MOLINE PLOW CO.
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TRADE MARK

MOLINE BEET CULTIVATOR.

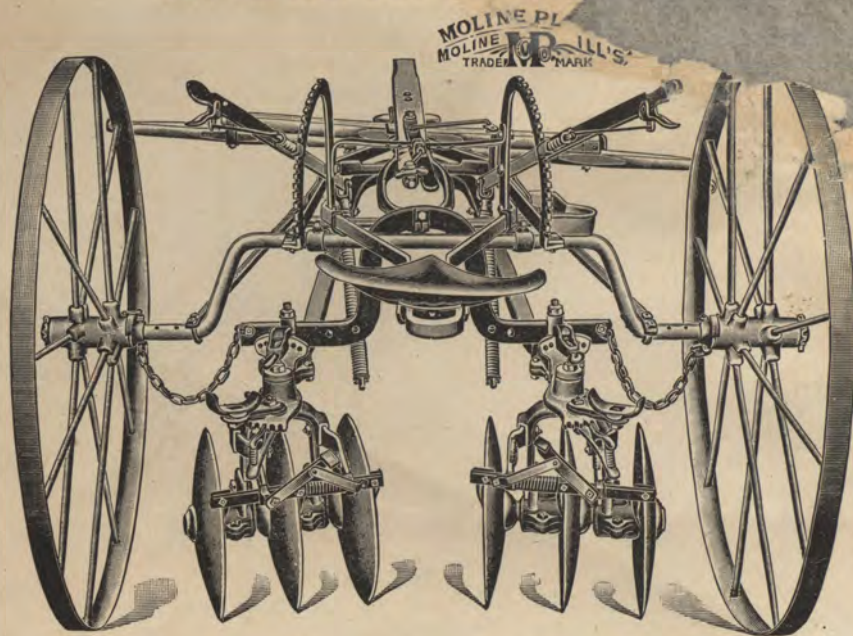


MOLINE PLOW CO.
MOLINE, ILL.
TRADE MARK



THIS machine was designed to follow the Moline Beet Seeder, and has the adjustments. Several new and valuable features have been added to this cultivator, and if the operator can discriminate between his weeds and the plants he can destroy every weed and leave the plant well. This Cultivator is equipped with shafts that can be quickly changed so that it is desired to use two horses.

NEW CAPTAIN KIDD DISC CULT



WHEREVER this Disc Cultivator is used it is rapidly becoming a favorite, and when one is sold in any community it sells others. One of its special features is the pivotal frame, which is controlled by the guiding lever, making the movements of the machine subject to the operator's will rather than to the horses' movements.

A very desirable feature of this machine is the easy and quick adjustment of the gangs, also the oil-soaked wood bearings.

The New Captain Kidd is easily controlled and quickly adjusted for cultivating at any depth required. The soil can be thrown up to the corn, and all the surface pulverized without in any way disturbing the growing roots.

Aside from the regular equipments, the New Captain Kidd can be furnished with an extra arm to set one disc ahead of the other, acting both as a guide and a shield, at the same time doing good work. A bull tongue attachment can also be furnished. The New Captain Kidd can also be used as a disc harrow by adding two discs. Shovel and spring tooth attachments can also be furnished.

WESTERN QUEEN PRAIRIE BREAKERS.



THE best and easiest running breaker ever brought into use. It has a long, tapering moldboard and flat share, making it of very light draft. Turns sod entirely over, leaving smooth surface for easy and thorough cultivation. It is rigged with extra share, gauge wheel, rolling coulter and clevis; standard is double braced at bottom and has adjustable cap. Extra shares are duplicates, and it is not, as with breakers usually, necessary to have them fitted by a blacksmith.

NORTHERN QUEEN BREAKERS.



THIS is an extra heavy breaker made for heavy work, and is usually used in breaking up rooty land that cannot be broken by a plow of less strength and weight.

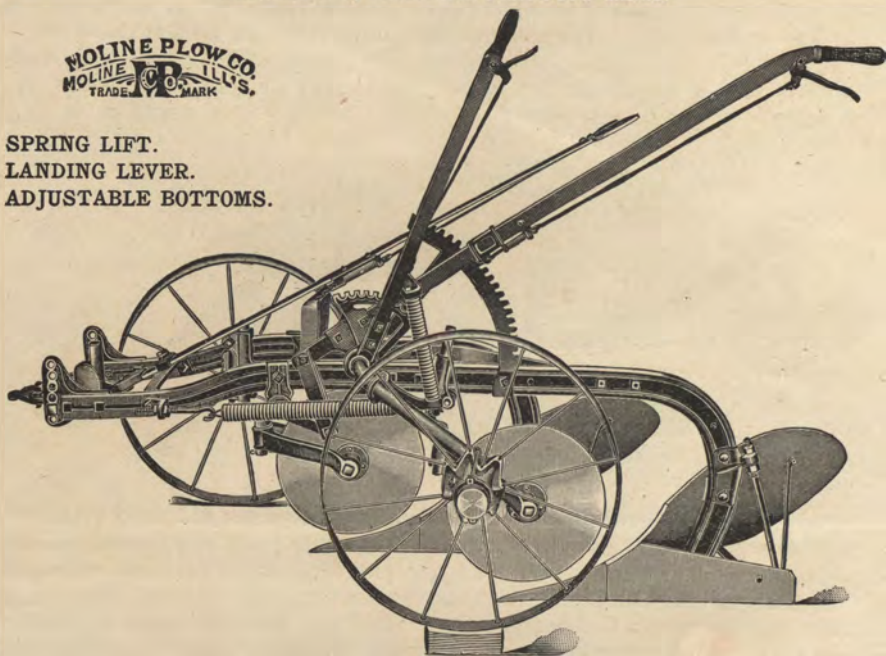
The beam is well braced to standard and handles. The long heavy landside is welded to the share. Soft center steel moldboards are sent out with the plow unless otherwise ordered. Has extra heavy standing cutter and gauge wheel. Right hand only.

MOLINE WHEEL WALKING GANG PLOW.

MADE IN TWO, THREE AND FOUR PLOW GANGS.



SPRING LIFT.
LANDING LEVER.
ADJUSTABLE BOTTOMS.



ALTHOUGH these are Walking Plows, they have all the features of the Sulky Plow as far as the work is concerned, and when required, riding attachment and pole attachment can be furnished.

They have become very popular in the wheat fields of the North, and even in foreign countries, where they are being used by natives who have very little knowledge of machinery, which is proof of their simplicity and ease of operation.

Strength and durability are two features of which these plows can boast and the material is the very best that is made.

The Three and Four Plow Gangs are constructed on the same plan as the Two Plow Gang, and can be furnished with the same attachments.

These larger gangs are for use on large farms, and are an economizer of time and expense where large fields are to be plowed. The Two, Three Four Plow Gangs are in three sizes.

Circulars showing cuts of the three plows, with all attachments, cheerfully furnished.

NEW GLADIATOR STALK CUTTER.

ANYONE who has become acquainted with the Moline Plow Company's Stalk Cutters will readily admit that whatever new is offered by them in that line must be something good. The New Gladiator not only retains the old valuable points, but comes out this year with improvements that have never before been shown. The cut shows its attractive appearance, and as regards its advantages, these can be best appreciated by trial in actual service.

MOLINE PLOW CO.
MOLINE ILL.
TRADE MARK

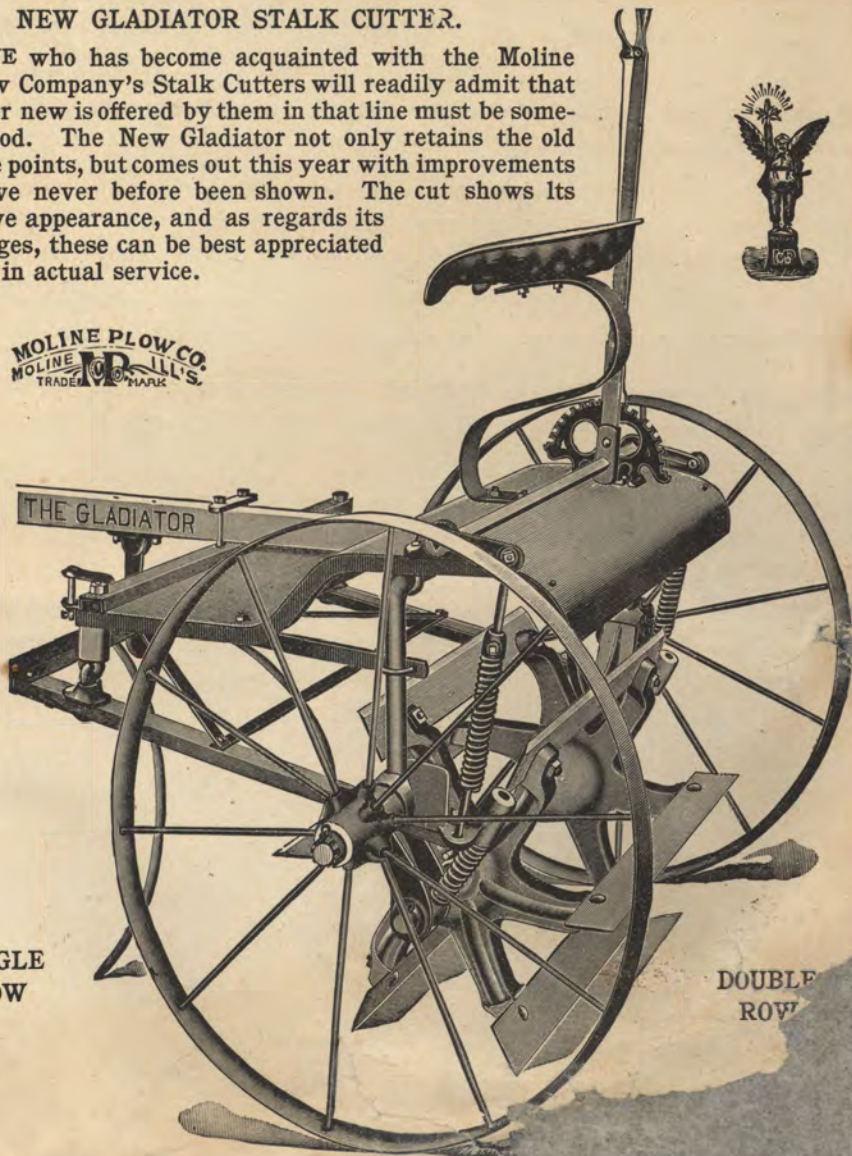


THE GLADIATOR

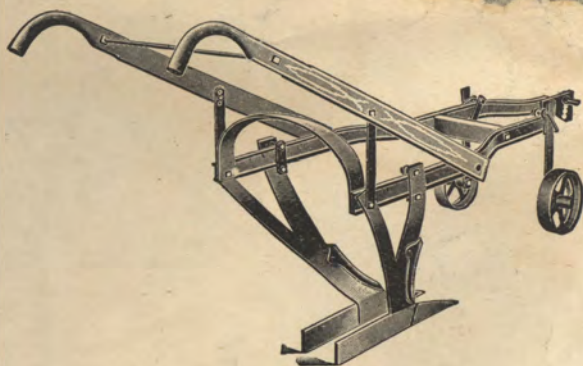
All
Steel
Except
The
Pole.

SINGLE
ROW

DOUBLE
ROW



THE MOLINE BEET PULLER



THIS is an implement which will easily impress the practical beet raiser with its simplicity and efficiency for drawing the beets from the ground without the possibility of cutting, bruising or otherwise injuring them.

The shanks on the Moline Beet Puller are strongly shaped, with an easy, downward curve and a straight runner, which permit of the implement being operated without strain on any part, and with ease both to the team and the operator.

The points of the diggers take hold of the beet, which gradually rises until released through the increased spread of the diggers toward the frame.

The depth at which it is desired to run the diggers can be regulated both by the gauge wheels and the clevis.

The clevis is made of two pieces of steel clamped between the frame bars. It has an up and down adjustment sufficient for any depth. The handles and spreader block between the frame bars are the only wood parts on the tool.

Shins for standards are chilled on front edge. These shins prevent standards from wearing and getting weak. They are held by wooden pins, and can be replaced with little trouble or expense.

Write the Factory for Circular of the New Moline Beet Seeder.

BLUE BIRD.

THE BLUE BIRD is a good plow at a low price, built heavy and strong, good for sod, stubble, cotton fields and even in timber land. Moldboard is hardened steel, share crucible cast steel and medium landside with cast slip heel. An extra share goes with this plow.

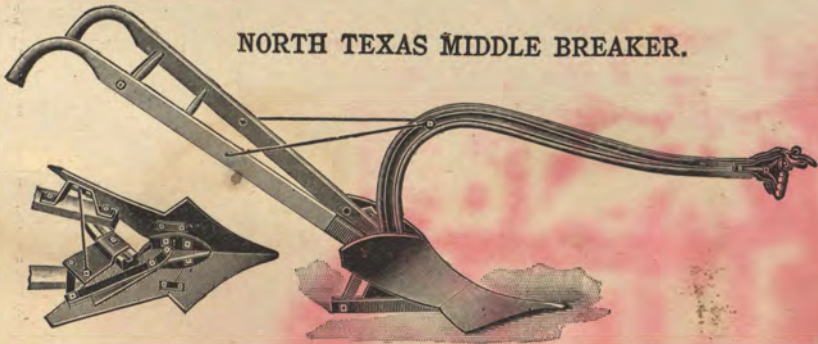
OTHER PLOWS.

It would require too much space to discuss in detail our large line of Walking Plows, but fully illustrated Circulars will be mailed upon request. ✂

Among them are

the Famous Series, a small plow for potatoes, cotton and small trees. Forestry Series, Robin Hood, intended for use in a timber country, and in heavy soils where extra strength is required. County Road Plow, an extra heavy plow for extra heavy work. A complete line of Breakers, Rod Breakers, Hazel Plows, Grub Plows, Subsoil Plows, Southern Plows, Vineyard Plows, etc.

NORTH TEXAS MIDDLE BREAKER.



HAS steel rudder, with guiding knife connected to same. Both rudder and knife are adjustable independently of each other. Frog is of malleable iron and very heavy. Share has heavy steel point welded underneath for wear and strength. The favorite in all sections where middle breakers are used.

MOLINE SCOTCH CLIPPER OR "C" SERIES.

"COMBINATION" AND "SPECIAL" PATTERNS.



THESE PLOWS are equipped with patent steel ribbed cast shares, high landside and cast slip shoe. The high landside will be found a great improvement over the medium landside, when used for deep plowing in clay or where there are small cobblestones, gravel or weeds. It prevents the soil, stones and rubbish from rolling over the landside and forming a bunch that crowds the plow from land and otherwise obstructs the work. The farmer who has tried plowing in this kind of soil with a low landside will at once see the advantages of the high landside.

The cast landside shoe is for the protection of the landside and operates to advantage in keeping the plow to land. It is chilled very hard at back end, insuring long wear. When worn out it may be replaced at a trifling cost, thus saving the expense of an entire new landside.

"COMBINATION" SCOTCH CLIPPER PLOW.

The "Combination" Scotch Clipper Plow is equipped with soft center extra hardened steel moldboard, double shin; "steel ribbed" cast chilled share and one extra "steel ribbed" cast share; hardened steel high landside, and cast chilled slip shoe.

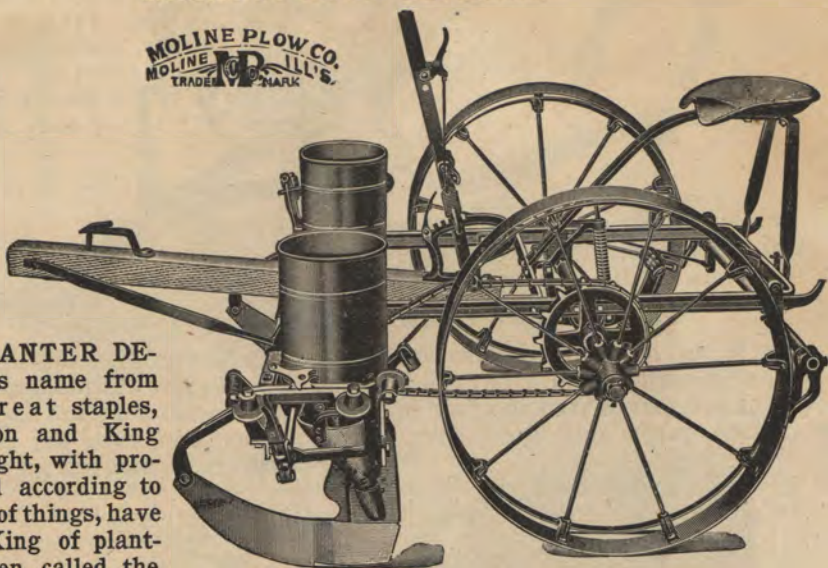
"SPECIAL" SCOTCH CLIPPER PLOW.

The "Special" Scotch Clipper Plow is equipped with soft center extra hardened steel moldboard, double shin; soft center hardened steel share—no extra share; hardened steel high landside, and cast chilled slip shoe.

TWO KINGS DRILL COTTON AND CORN PLANTER.

ACCUMULATIVE HILL DROP CORN PLANTER.

MOLINE PLOW CO.
MOLINE ILL'S.
TRADE MARK



THIS PLANTER DERIVES its name from the two great staples, King Cotton and King Corn; it might, with propriety, and according to the fitness of things, have included King of planters, and been called the Three Kings. It is sold as a double row accumulative hill and drill drop corn planter and cotton drill, with check heads, and 80 rods of wire; or as a combined double row corn and cotton drill planter without check heads or wire.

Adjustable from 3 feet 4 inches to 3 feet 6 inches and 3 feet 8 inches in width. It can be equipped with either split, flat or concave wheels 30-inches in diameter.

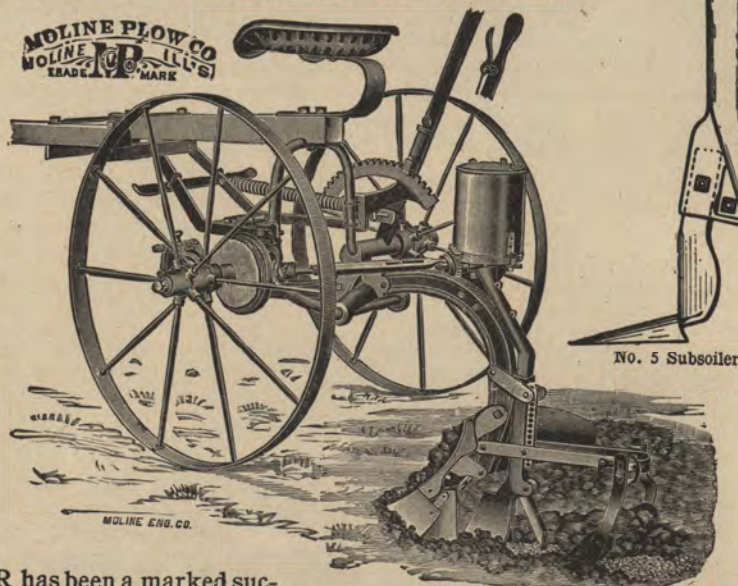
The driving mechanism is driven by a good No. 32 chain, and is automatically thrown out of gear when the planter is raised out of the ground.

The large seed box is provided with agitators to prevent cotton seed from banking. They will not break or crush the seed. Only one thumb-nut or bolt to be removed to change it from a cotton to a corn planter.

It has the latest pattern of force or kick-off valve. This valve is used for corn only; when cotton is being planted the valves are held wide open to let the seed run through freely. This gives a large free passage for the cotton seed, which is absolutely necessary. The corn falls directly through the shank and is delivered into the valve by a sheet iron spout.

A new automatic reel goes regularly with this planter when it is desired to use it as a hill drop planter.

WESTERN BELLE RIDING LISTER AND DRILL.

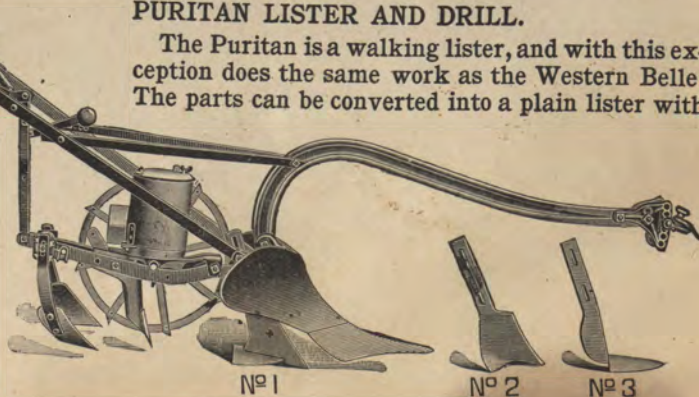


THIS LISTER has been a marked success, and the many improvements which have lately been added warrant a greater success and larger sales than ever. The seed tubes are so arranged that the seed can be dropped on a soft bed or on the bottom of the furrow. Either of two subsoilers can be furnished: No. 4, as shown on the cut of machine, or No. 5, shown above.

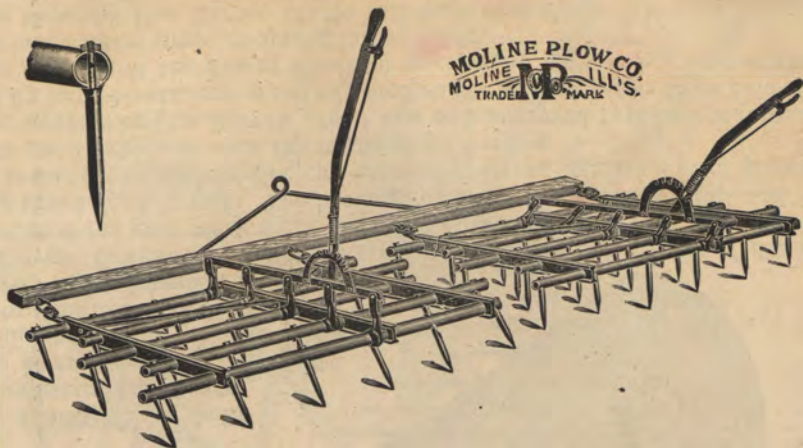
PURITAN LISTER AND DRILL.

The Puritan is a walking lister, and with this exception does the same work as the Western Belle. The parts can be converted into a plain lister with

subsoiler, or into a lister and drill combined, or into an independent drill. Can be furnished with either of three subsoilers.



STEEL PIPE LEVER HARROW.

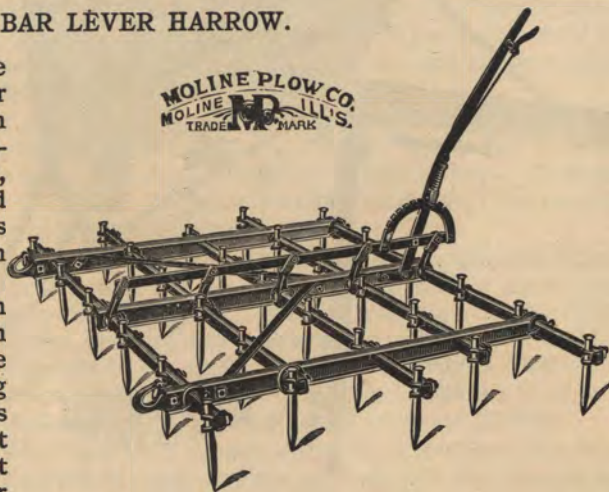


A HARROW noted for its strength, durability, ease of handling and adaptability for various kinds of work. It is made in sections of 30 or 35 teeth, either $\frac{1}{2}$ -inch or $\frac{3}{8}$ -inch teeth, and can be combined into harrows of 60, 70, 90, 105, 120 or 140 teeth, with drawbars to match.

U-BAR LEVER HARROW.

THIS HARROW is built in the same sizes as the Pipe Lever Harrow, and in 25 $\frac{1}{2}$ or $\frac{3}{8}$ -inch teeth sections, and can be equipped with drawbars for two, three or four sections. Instead of having gas pipe rails it has U-Bar, which combine strength and lightness.

The teeth are fastened with a small malleable clamp, which allows of raising or lowering the teeth on the bar or of removing same to be sharpened. A head is forged on each tooth to prevent its being lost in case a bolt should become loose. In other respects this Harrow is the same as the one above—flexible, strong, easily handled.



THE ECONOMY DISC HARROW.



MOLINE PLOW CO.
MOLINE ILL'S.
TRADE MARK

NEW
ADJUSTABLE
SCRAPERS

Made with Single and Double Lever, and with regular or Set-over Pole.

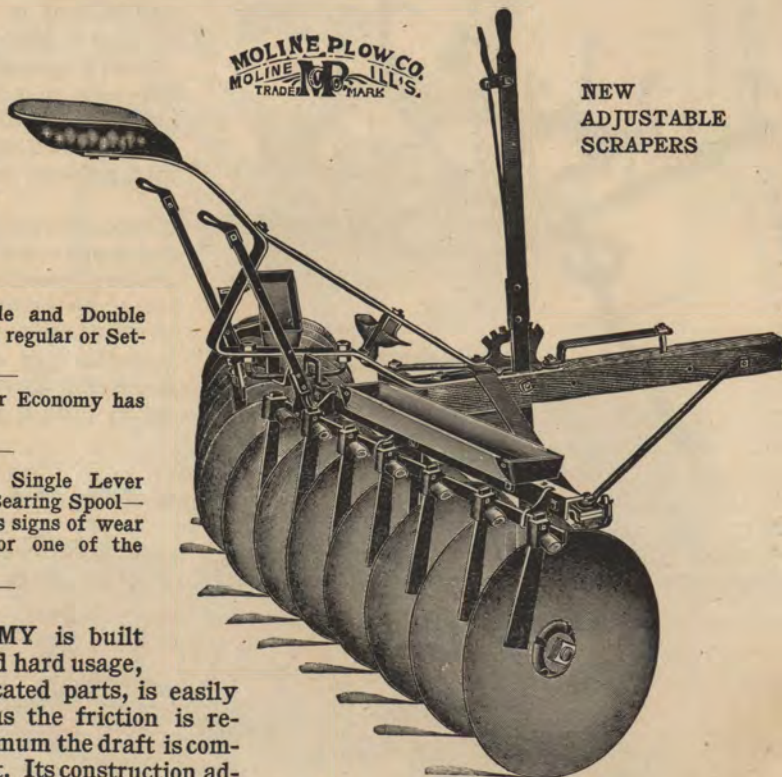
The Double Lever Economy has Ball Bearings.

Every Spool on Single Lever Economy is a Bearing Spool—when one shows signs of wear exchange it for one of the others.

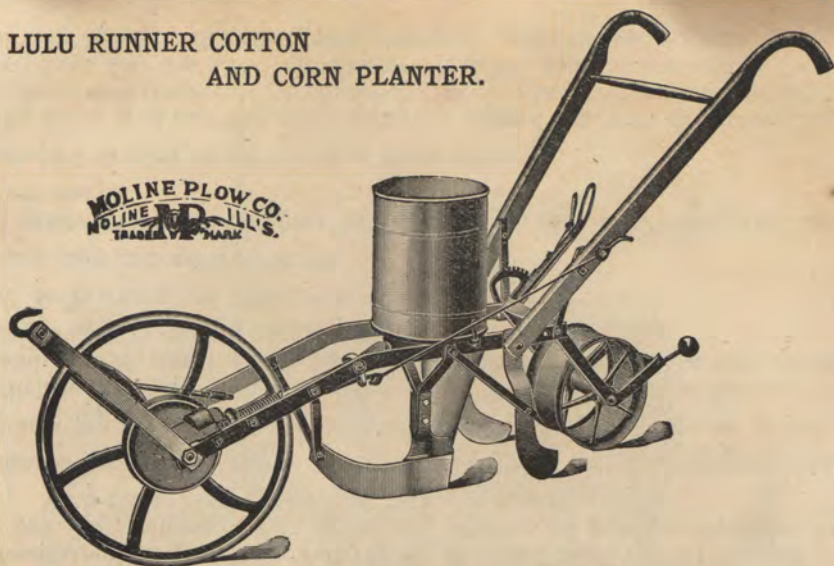
THE ECONOMY is built to withstand hard usage, has no complicated parts, is easily handled, and as the friction is reduced to a minimum the draft is comparatively light. Its construction admits of great flexibility, readily adapting itself to any unevenness of the ground, one section doing good work while the other may be passing over an obstruction or dipping into a dead furrow. The bearings or boxes are of chilled iron, and the end thrust is met by an anti-friction cup or cone revolving against a steel plate on the opposite gang, which relieves the boxes of all friction.

The scrapers on this Harrow are of new and improved type, are manipulated or swung by hand-levers, and are so adjusted on the scraper bar as to be held squarely against the face of the disc at whatever angle they may be set, each scraper having an independent pressure spring in its socket.

The Economy Disc Harrow can be furnished with the well known Hoosier force feed seeder attachment when desired.



LULU RUNNER COTTON
AND CORN PLANTER.



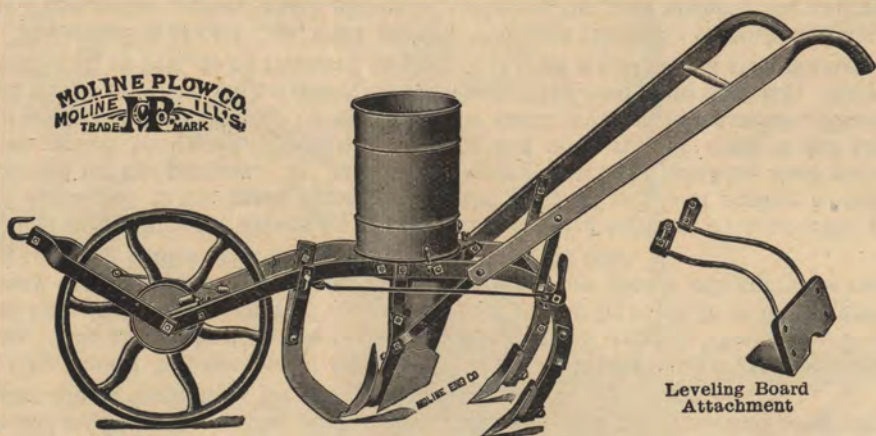
THE LULU RUNNER Cotton and Corn Planter will be found a most efficient implement. Being a very near relative of the famous King Cotton will be sufficient guarantee of its efficiency for the work for which it is built, and the trade mark of the Moline Plow Co. insures perfect construction of best materials and consequently a long life of usefulness for the implement.

The runner will not gather trash. The covering blades cannot catch on obstructions. The press wheel in the rear is provided with a scraper. The wheel is operated by a lever and ratchet by means of which it may be set high or low as desired. It may be raised entirely from the ground, or set so low that it will carry the runner and covering blades clear of the ground when on the road.

The seed plates are driven by square shafts coupled together by a knuckle joint, and connected to the main wheel, and is the simplest and most perfect device yet produced for the purpose. By means of a spring clutch the machine stops planting when pulled backward, preventing wasting and scattering of seed; it can also be quickly thrown out of gear by means of the small lever on left handle. The large seed box is provided with agitators to prevent cotton seed from banking. Only one thumb-nut, or bolt, to be removed to change it from a cotton to a corn planter.

The wheel is of cast iron, with narrow V-shaped rim, with or without lugs, and has a removable center, which allows of replacing the gear without the expense of a new wheel; also has an adjustment by which the small pinion next to the driving wheel may be adjusted close in mesh with the large removable gear.

KING COTTON COMBINED COTTON AND CORN PLANTER.



A FEW OF ITS GOOD POINTS.

THE bottom plate is bolted securely to frame by three bolts, furnishing a rigid foundation for gearing. Two chilled bearings, one in front and one back of seed box, hold pitman rod in place and remove all pressure from the working parts. With these bearings no end thrust is possible.

Sleeves are made of steel and are slotted to allow ample adjustment of shovels.

Braces are made heavy and placed back of seed spout. Cannot gather trash.

Hitch is furnished with a threaded rod allowing sufficient adjustment to meet all conditions of planting and permits of using any required amount of pressure on main wheel to operate gearing properly.

All parts strong and well made.

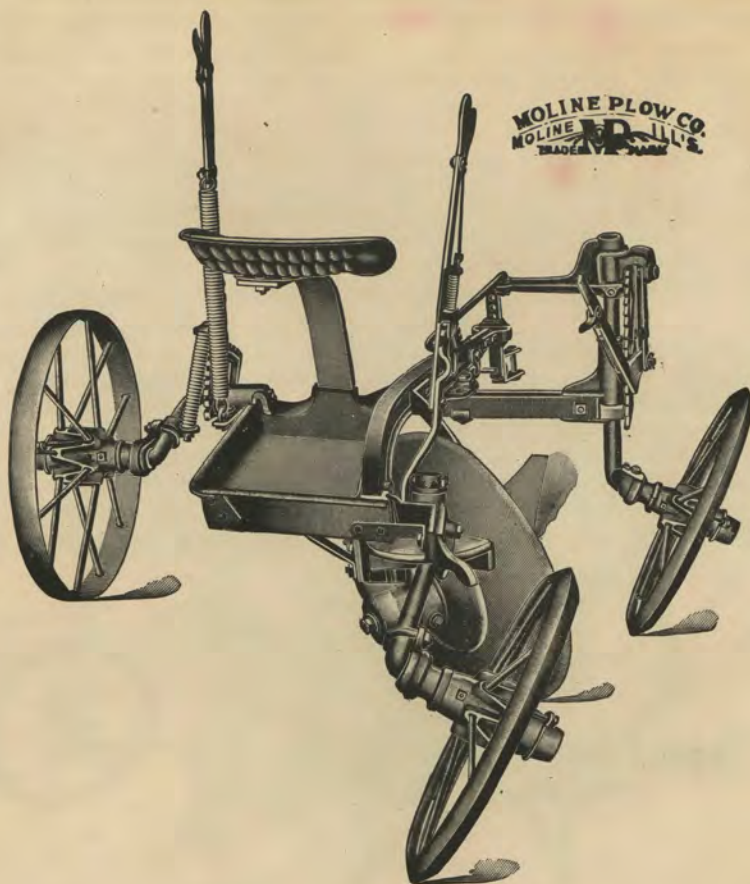
Gears deep and mesh perfectly.

Is easily thrown out of gear by the operation of a small foot lever on beam over left shovel.

Sprocket driving wheel furnished when ordered.

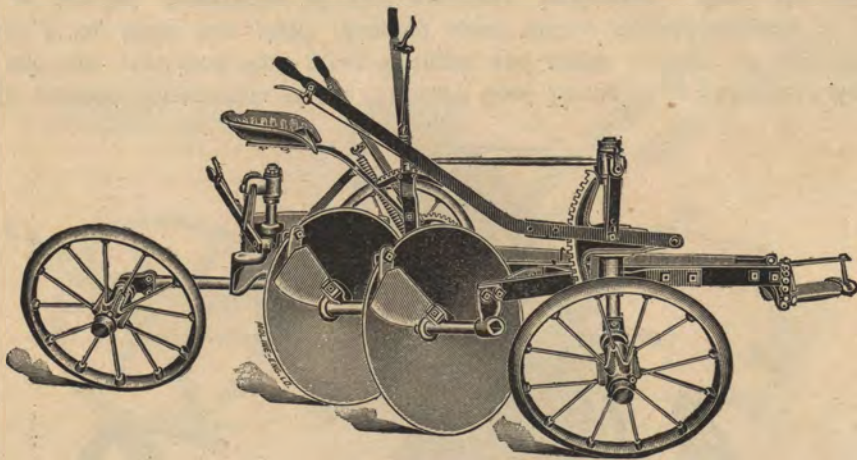
The wheel is of cast iron, with narrow V-shaped rim, with or without lugs, and has a removable center, which allows of replacing the gear without the expense of a new wheel; also has an adjustment by which the small pinion next to the driving wheel may be adjusted close in mesh with the large removable gear.

ROTARY GOOD ENOUGH DISC PLOW.



THE general construction of the "Rotary Good Enough" is extremely simple, and this, combined with great strength and ample facility for adjustment, makes it an ideal disc plow. Limited space makes it impracticable to enter into a detailed description of this excellent implement. Send for Special Circular.

NEW ROTARY DUTCHMAN DOUBLE.



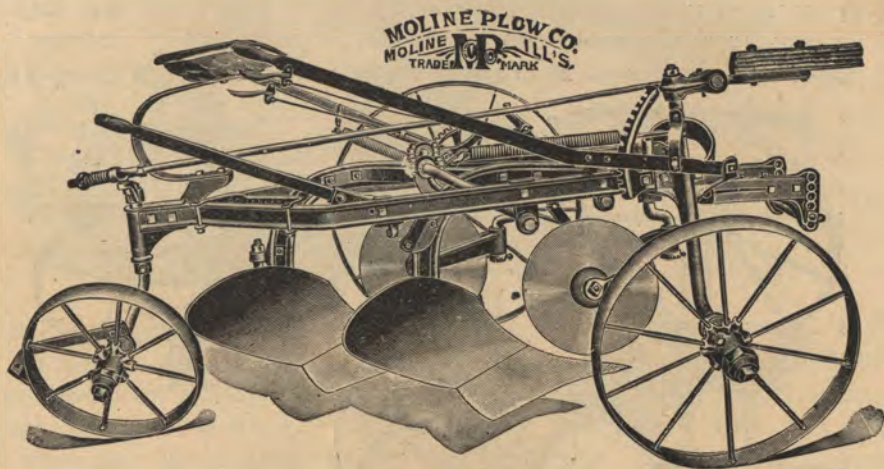
IN ALL DISC PLOWS the great trouble has been to get bearings that would stand the work. The New Rotary Dutchman Gang has a double bearing that positively overcomes this difficulty. (See illustration.) It is a new thing, but not an experiment. So confident is the Moline Plow Co. of the superior merit of this bearing that it does not hesitate to assert that the New Rotary Dutchman will plow three hundred acres of any kind of land, that can be plowed with any disc plow, without the disc bearings becoming worn or the discs losing their proper relation to each other. All that is required is that the plow be properly oiled and otherwise used in an ordinarily careful and prudent manner.

All of the parts are made out of steel heavily braced. Axles are of heavy, hard steel. The scrapers are held in place by a device different and superior to that found on any other disc plow. Rear axle has lever for raising and lowering. This will be found of great advantage where the plow is used in different soils. In easy reach of the operator is a lever for raising and lowering front furrow wheel. Also a guiding lever, which is very necessary for doing good work. The land wheel is provided with a yielding spring, also an assisting raising spring. The wheels have cast v-shaped rims, oval steel spokes, long removable bearing boxes provided with sand caps to protect bearings from sand and grit. The hitch consists of a broad platform clevis which is adjustable up and down and sidewise.

The operator is seated far back to give weight where it is most needed. When additional weight is required, which is sometimes the case when plowing in hard, heavy land, the two weight boxes, with which the plow is provided, can be loaded with sacks of soil.

plow is counterbalanced by a large lifting spring. One feature this plow has that is peculiar to its construction is the foot lever, which assists in raising the plow without any special effort on the part of the operator, besides providing a comfortable position for the foot.

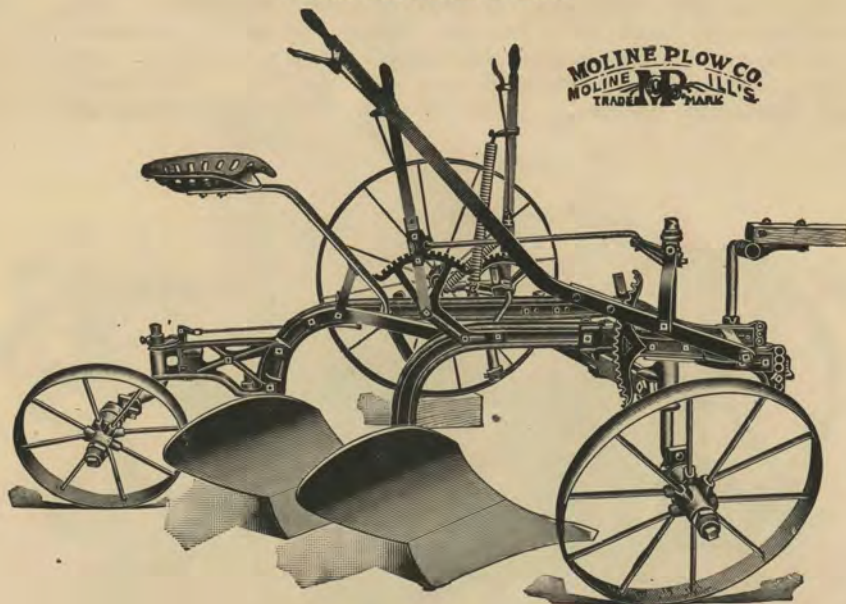
One lever performs the work of raising the plow and leveling the frame in one movement, which admits of quick action and accurate work in the field. After it is raised to its extreme height it is held there by a latch and cannot drop until the operator wishes to lower the plow, which he does by simply pressing on the lever with his heel. After the plow is in the ground it is locked and cannot jump out of work until the lifting lever is handled to raise it.



HIGH-FLYING DUTCHMAN GANG PLOW.

The High-Flying Dutchman Sulky and Gang Plows are identically alike in general construction. The Gang is now equipped with our new "barless" front bottom. It has been demonstrated that the absence of the bar or land-side will materially lessen the friction of the front plow, and insure easier draft. There is absolutely no side draft on this plow, and there is ample room to work four horses abreast.

GOOD ENOUGH GANG.



THE GOOD ENOUGH is the simplest of all gang plows that do the work good enough. "Good Enough," applied to this implement does not mean that its work will just barely do, on the contrary it means there is no use of having any better work.

The Plow is light enough.

It is heavy enough.

It lifts high enough.

Operates easily enough.

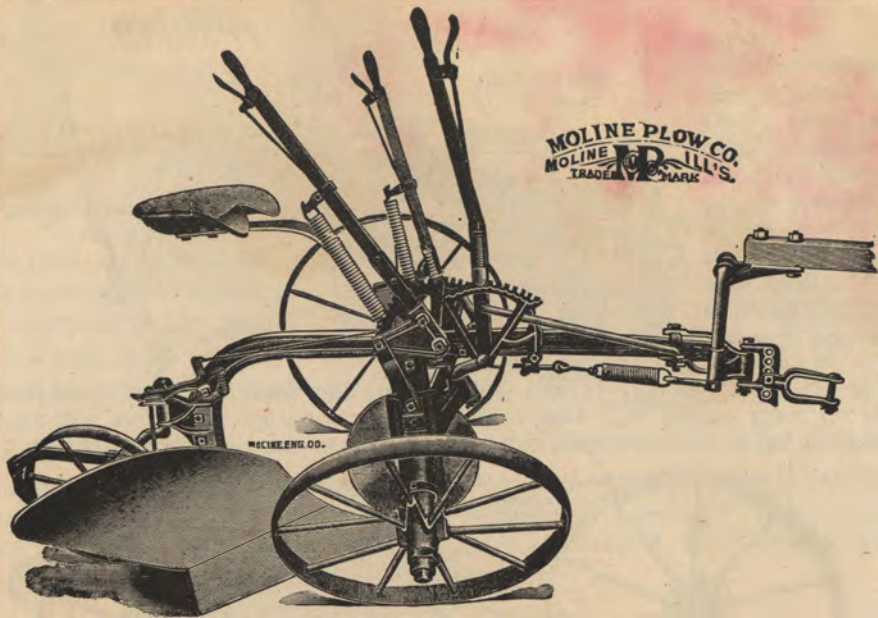
The draft is light enough.

The price is low enough.

Purchasers cannot praise it enough.

It is in fact, "GOOD ENOUGH."

NEW GOOD ENOUGH SULKY PLOW.

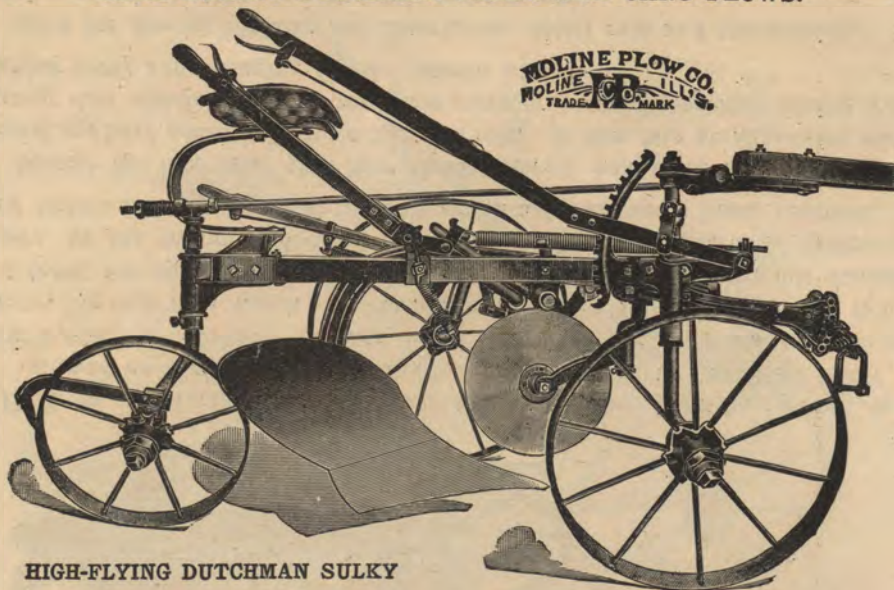


SINCE its introduction, several years ago, this Sulky Plow has proved to be all and even more than we have claimed for it, viz: THE BEST PLOW ON EARTH FOR THE MONEY. It has astonished everybody by its extreme simplicity, the ease with which it accomplishes the most difficult work, both to man and team, and the excellence of the results obtained. Its remarkable success is shown by the enormous demand for them and by the hundreds of commendatory letters from dealers and farmers which are constantly being received.

Despite the fact that the New Good Enough has made such a marvelous record, we have added still more to its worth. It now has an adjustable saddle casting that admits of giving the plow more or less land, besides having a new landing lever and swinging clevis—shown in cut.

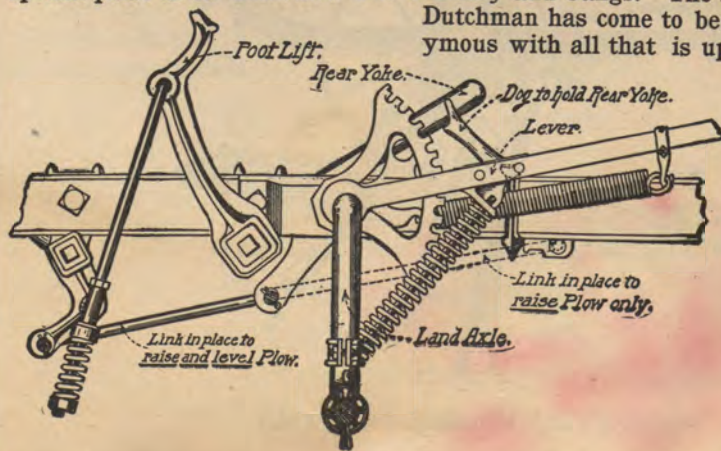
Send for Special Circular and description, detail cuts and testimonials. The number of friends this plow has will surprise you.

HIGH-FLYING DUTCHMAN SULKY AND GANG PLOWS.



HIGH-FLYING DUTCHMAN SULKY

AS ORIGINATORS of the three-wheel plow, and manufacturers of the most popular and successful plow the world has ever seen, the Moline Plow Co. takes special pride in its unrivaled line of Sulky and Gangs. The name of High-Flying Dutchman has come to be recognized as synonymous with all that is up-to-date in plow construction.



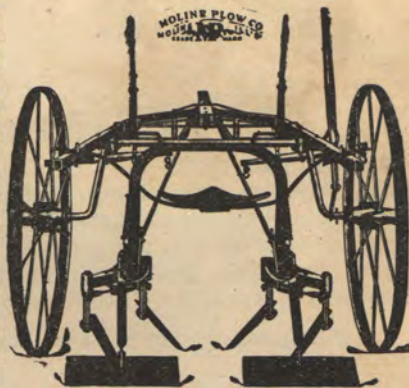
It has the very desirable feature of a high lift, which allows of raising the bottoms and beams to clear all obstructions and insures the share, while transporting the plow, against accident. The lifting is not done at the operator's expense; the weight of the

BESTYET SURFACE CULTIVATOR.

THE BESTYET SURFACE CULTIVATOR is indebted to farmers and implement dealers for its name. Wherever used or exhibited, the universal verdict has been "the best yet." A glance at the illustration, or an examination of the Bestyet, will convince the practical farmer that the name is well deserved. All features desirable in a surface cultivator will be found combined in this implement.

The Bestyet has two heads, sustained by a heavy steel arch. They can be spread or narrowed as may be desired, for rows of different width.

The frame is of square steel pipe—draft bars are also of stiff steel. The blades are made of very high carbon cast steel, and are attached to the standards by means of a hinge-like connection, which allows of adjustment to any position from flat to vertical. Also have a new patent hand screw nut for lateral adjustment. The implement is adjustable in every part.



PARALYZER PULVERIZER.

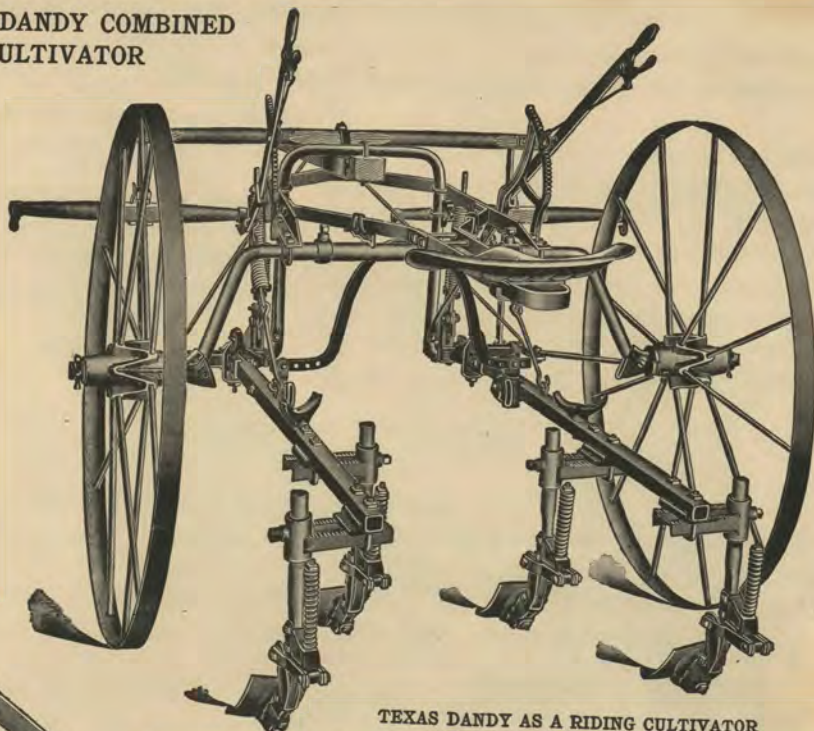


THE PARALYZER PULVERIZER was built to supply a general demand for an implement of this class, something better in point of construction, efficiency, and durability than has been on the market heretofore. The frame is of steel, combining the desirable features of lightness and strength; other

parts are of materials that experience has proved best adapted to the work and most conducive to long life in the implement.

The Paralyzer Pulverizer is a general purpose implement, but will be found invaluable in preparing ground to be cultivated with the Bestyet Surface Cultivator, and for going over ground after planting. Is made 8-foot only.

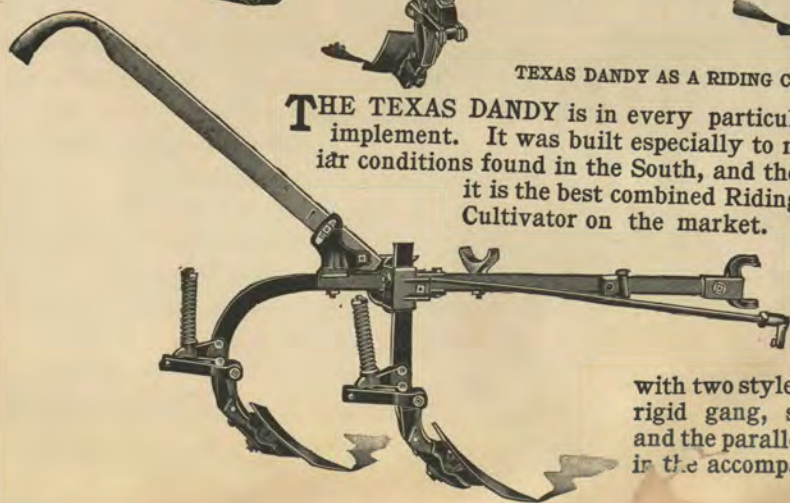
TEXAS DANDY COMBINED CULTIVATOR



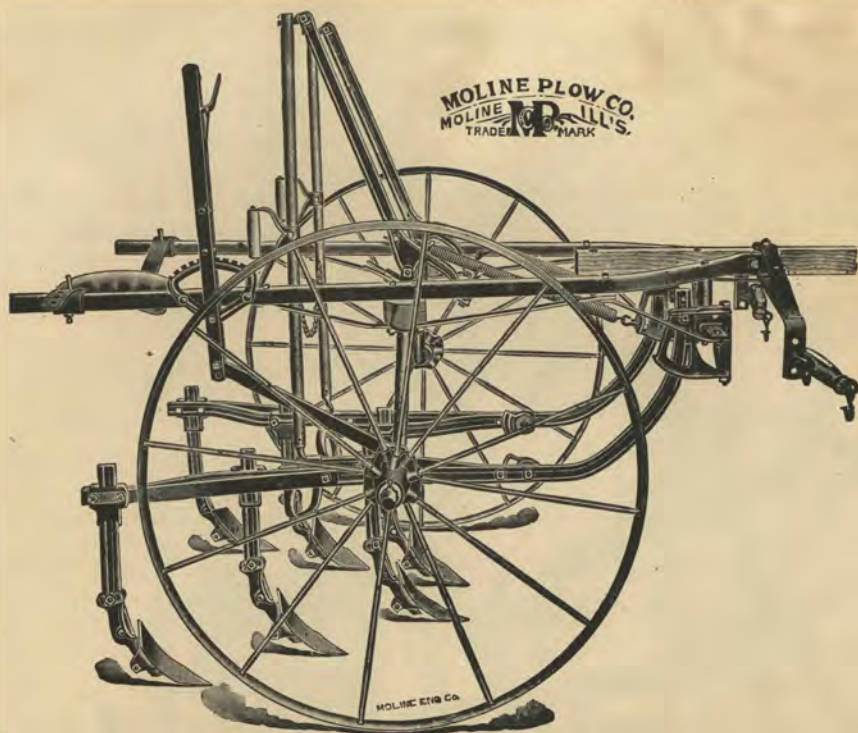
TEXAS DANDY AS A RIDING CULTIVATOR

THE TEXAS DANDY is in every particular a first-class implement. It was built especially to meet the peculiar conditions found in the South, and there is no doubt it is the best combined Riding and Walking Cultivator on the market. It is equipped with the well-known Golden Rule springs. Texas Dandy is equipped

with two styles of gangs: the rigid gang, shown above, and the parallel gang, shown in the accompanying cut.



DUTCH UNCLE RIDING CULTIVATOR.



REALIZING the advantages of simple construction in a perfect working tool we have taken great pains in designing the above Cultivator and take pleasure in introducing it as a Cultivator of many merits but few pieces.

It has but one lever; this balances the frame.

Beams are long and always keep all the shovels at the same depth while dodging crooked corn.

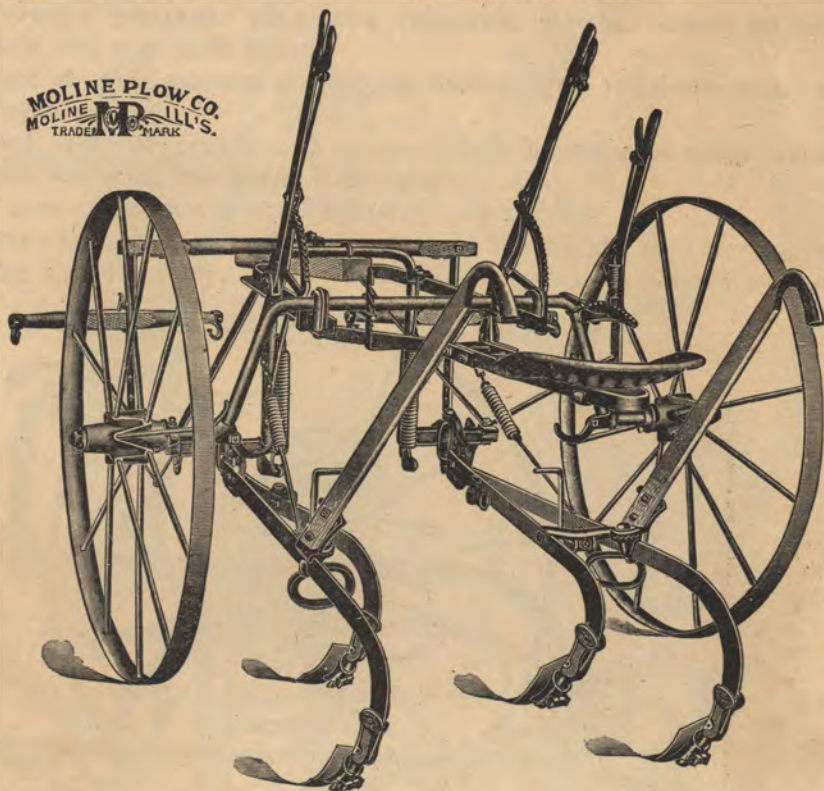
One spring on each side has a three-fold purpose: lifts the gangs, forms a cushion spring and a yielding spring.

If you need a Cultivator, don't miss examining this, or sending for our Special Circulars.

BALANCE FRAME DANDY CULTIVATOR.

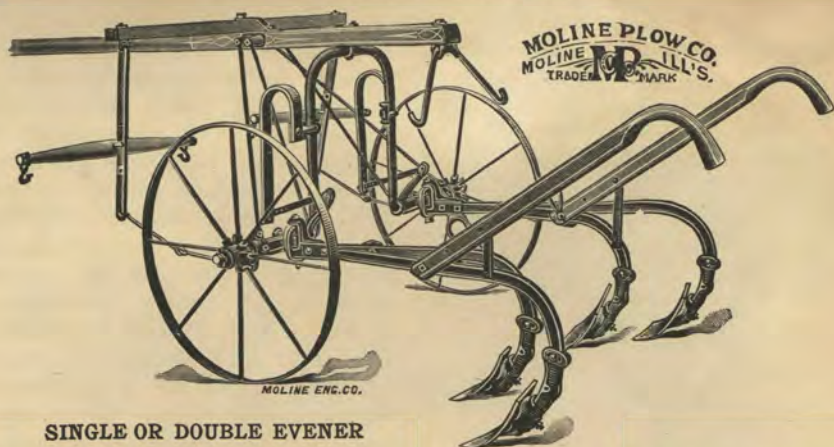
MOLINE PLOW CO.
MOLINE ILL'S.
TRADE MARK

High
or
Low
Seat
For
Heavy
Or Light
Operator



THIS COMBINED CULTIVATOR is one that will fill the demand for a general all-around cultivator, and will answer the purpose of both a walking and riding cultivator. Up to this time our "Dandy" has been without a question the most popular and successful combined cultivator ever made, and this cultivator is a development of the "Dandy," with the additional improvements of a low seat, balance frame, etc. The seat bar can be altered from the ordinary height to a low hammock position with intermediate adjustments, and has a joint which admits of throwing the seat forward and out of the way while adjusting shovels, or in case it is used as a walking cultivator. The gangs are provided with a yoke or stirrup to form the foot-rest when the seat is lowered, otherwise the feet will rest on the upper foot-rest of the gangs.

NEW WESTERN CULTIVATOR.



SINGLE OR DOUBLE EVENER

THIS Cultivator has for years been the leading Walking Cultivator throughout the corn belt. It has been improved from time to time, keeping up with this age of progress, until it stands to-day without a peer.

MOLINE PLOW CO.
MOLINE ILL'S.
TRADE MARK

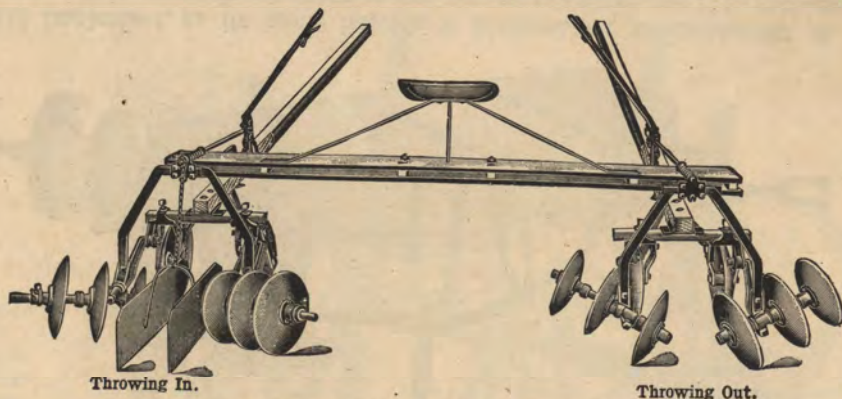
"GREAT SNAKES" DISC LISTER CULTIVATOR

SINGLE ROW



THIS Implement, as its name implies, is designed for the cultivation of listed corn. It is simple in construction and the engraving shows it to such good advantage that a lengthy description is unnecessary.

THE DOUBLE GREAT SNAKES.



A LISTER CULTIVATOR ON WHEELS.

THE weight of the Cultivator and operator is carried on wheels. They do away with the dead drag of sled runners. The wheels stick to the trench. They have no tendency to climb or tear down the sides, like sleds.

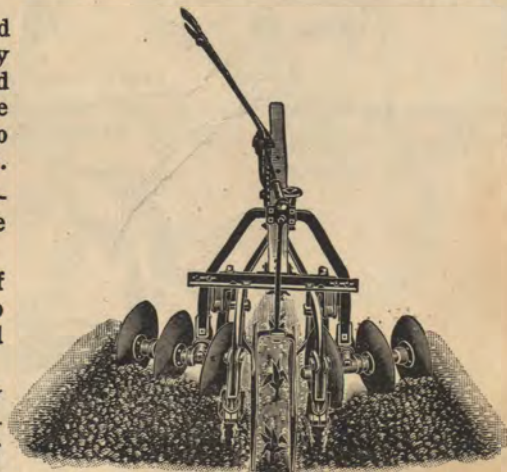
The wheels are disc-shape; and besides carrying all the weight, make the machine easy to handle.

There is a pole for each section of the Cultivator. Discs can be set to throw out for first, and in for second cultivation.

Machine has pressure springs. They remove the danger of straining the implement when striking corn stalks or other obstructions.

The Double Great Snakes has a new patent swivel connection between the plank and cultivator. This device gives each section perfect flexibility, permitting the machine to adapt itself to rows of different width.

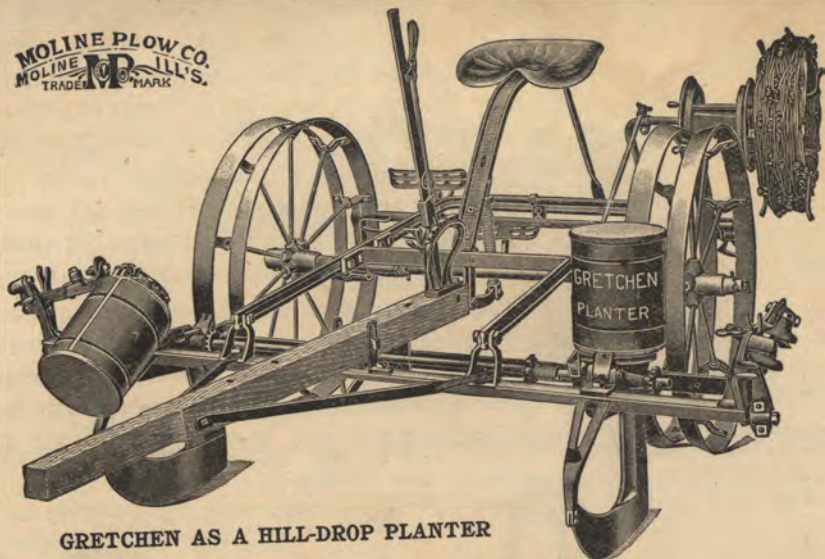
Both levers are within easy reach of the operator.



Section Showing Bull Tongue Attachment.
The Double Great Snakes is furnished either with or without this Attachment.

GRETCHEN COMBINED CORN PLANTER.

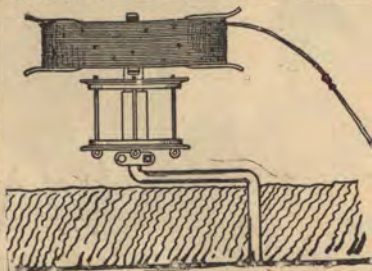
MOLINE PLOW CO.
MOLINE ILL'S.
TRADE MARK



GRETCHEN AS A HILL-DROP PLANTER

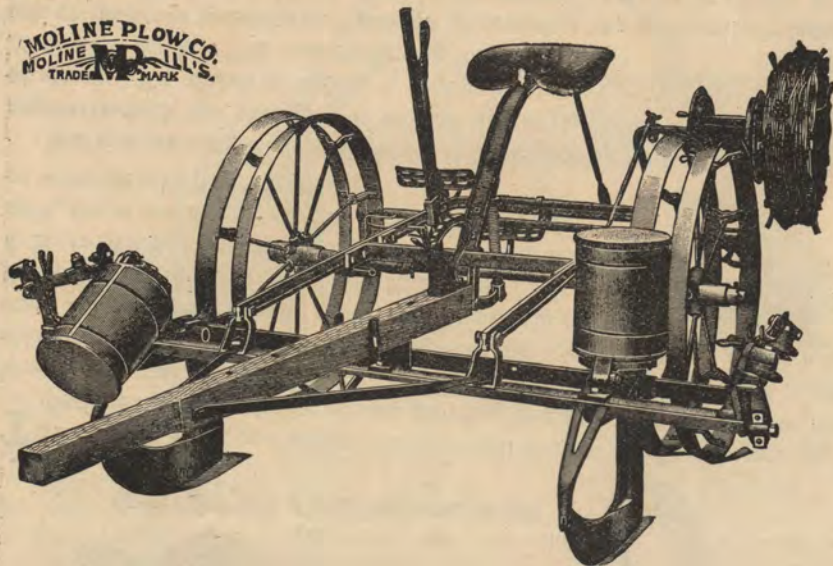
THE GRETCHEN can be operated as a hill-drop or a drill-drop corn planter. It is designed to meet the large and growing demand for a thoroughly reliable combined planter at a moderate price. No expense has been spared to make it a first-class machine in every detail—strong, durable and accurate. It has a neat, strong steel front and back, which can be adjusted in a few minutes from 3 ft. 4 in. to 3 ft. 6 in. and 3 ft. 8 in. in width. It can be equipped with either split, flat or concave wheels, 30-inches in diameter, or with concave 36-inch wheels.

Our new Automatic Reel, shown in the cut, goes regularly with the planter. It will fit any style of wheel. To attach or detach it requires only a moment's work. The accompanying cut shows one of its novel possibilities—instead of carrying the wire entirely across the field while moving the stake from row to row, the reel axle can be placed in the ground and the wire allowed to unreel.



NEW CRACKAJACK CORN PLANTER.

MOLINE PLOW CO.
MOLINE ILL.
TRADE MARK



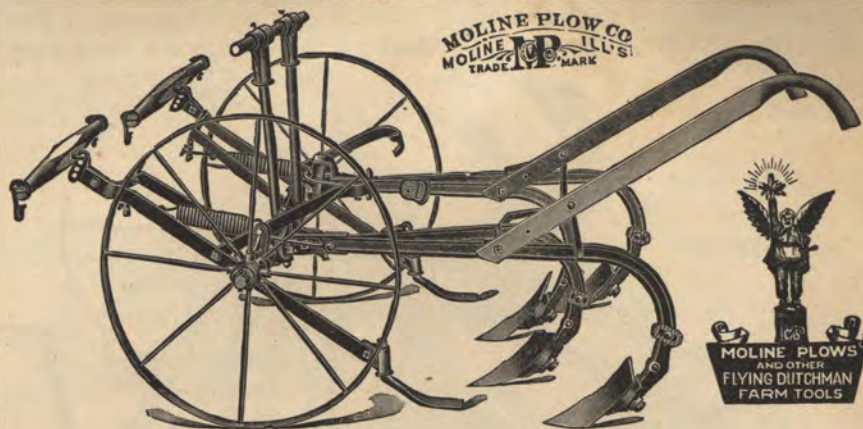
THE NEW CRACKAJACK has been designed to meet the increasing demand for an accurate and reliable hill drop planter, with all the latest and most desirable improvements, at a price that would place it within the reach of all. It is extremely simple in construction, being built with the view of obtaining the very best results in the easiest and most practical way.

The frame is constructed entirely of high grade steel and is neat, strong and substantial. It can be adjusted to three different widths, viz: 3-ft 4-inch, 3-ft 6-inch and 3-ft 8-inch. The wheels are 26-inches in diameter, and either of two styles can be furnished—split or concave.

The seed boxes are hinged, which facilitates the changing of plates without removing the seed. When they are thrown forward for this purpose the driving dogs follow and they remain in that position until the box is lowered again. It is furnished with new Automatic Reel.

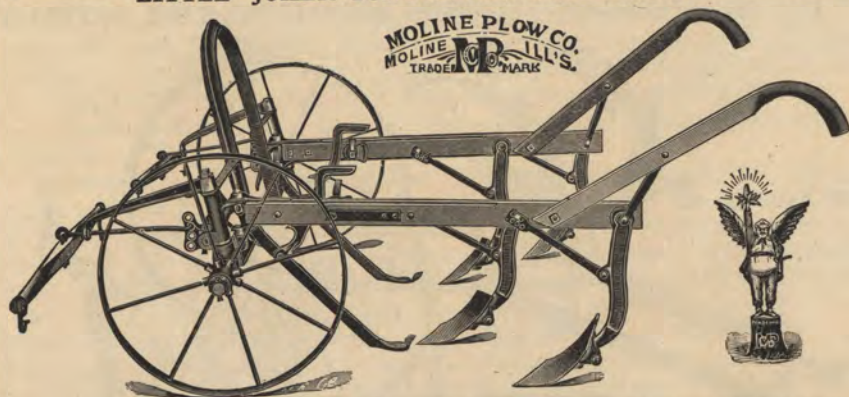
A Special Circular giving in detail the many excellent features of this implement will be gladly furnished upon request.

NEW COMMANDER CULTIVATOR.



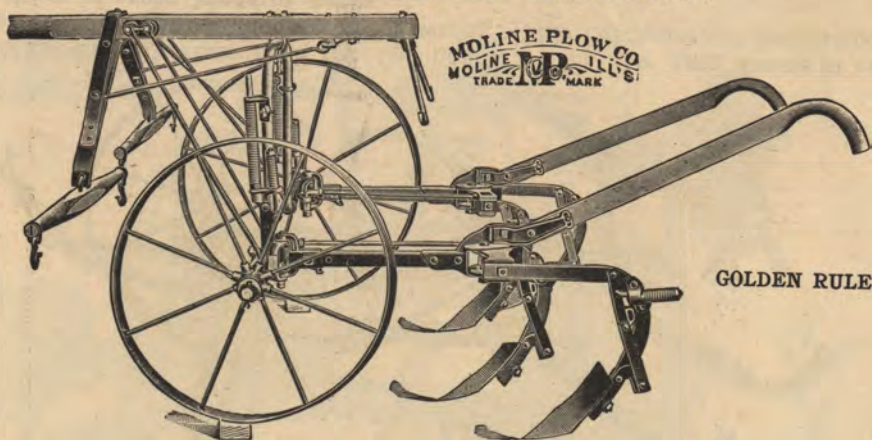
THIS Cultivator has become very popular, and with the improvements made recently, it is beyond a doubt the best tongueless cultivator made. It has adjustable arch, pivotal shoes, spring lift and other good points. Can be equipped with either of thirteen styles of gangs.

LITTLE JOKER TONGUELESS CULTIVATOR.



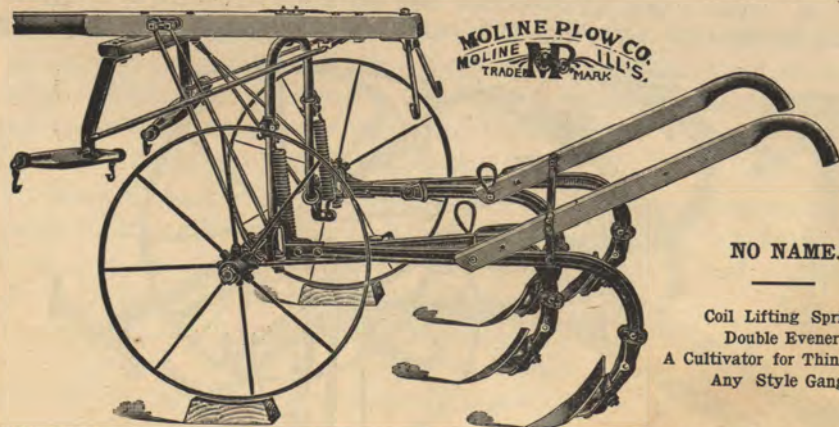
A CHEAPER Cultivator than the Commander. The new gang shown in cut is a beauty, and does not flatter its worth. This Cultivator can be equipped with either of seven kinds of gangs.

GOLDEN RULE AND NO NAME CULTIVATORS.



GOLDEN RULE

THE GOLDEN RULE CULTIVATOR introduces a new feature in its novel spring lift, which is composed of two springs: a large or lifting spring, and a small balance spring. With the nut on the spring rod the large spring can easily and quickly be adjusted to balance any weight of gangs. The small spring has same adjustment to regulate depth.



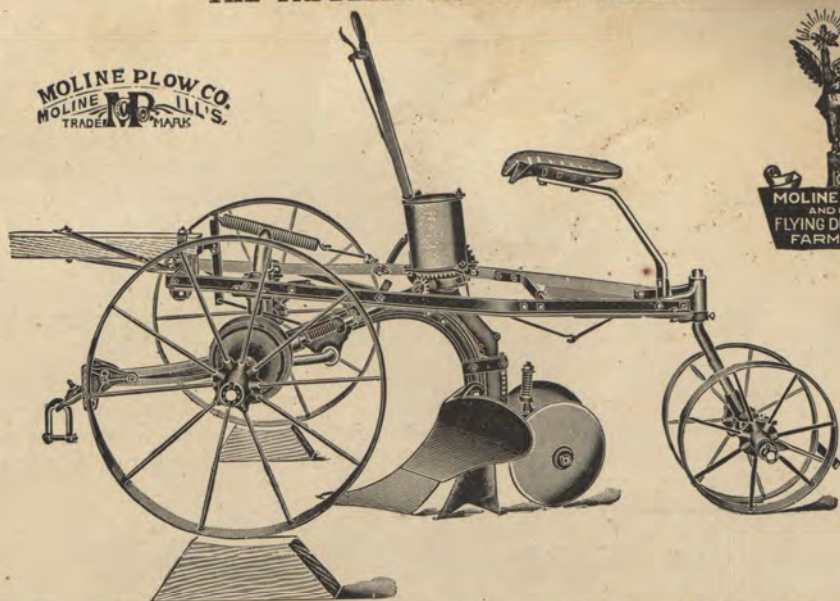
NO NAME.

Coil Lifting Spring
Double Evener
A Cultivator for Thin Purses
Any Style Gangs

THIS Implement was designed to supply the demand for a low-price cultivator, but in its construction the good name of the Moline Plow Co's. line of Cultivators has not been sacrificed. It has a strong lifting spring, which can be adjusted to suit any weight of gangs.

THE TRI-BELLE LISTER AND DRILL.

MOLINE PLOW CO.
MOLINE ILL.
TRADE MARK



THE TRI-BELLE LISTER AND DRILL is merely an evolution of the successful and popular Western Belle Riding Lister and Drill, manufactured by this Company, and familiar to farmers in every community where an implement of that character is used. The Tri-Belle embodies all of the good points of the Western Belle—it is in fact a three-wheeled type of that excellent implement—and presents some valuable features not found in other listers.

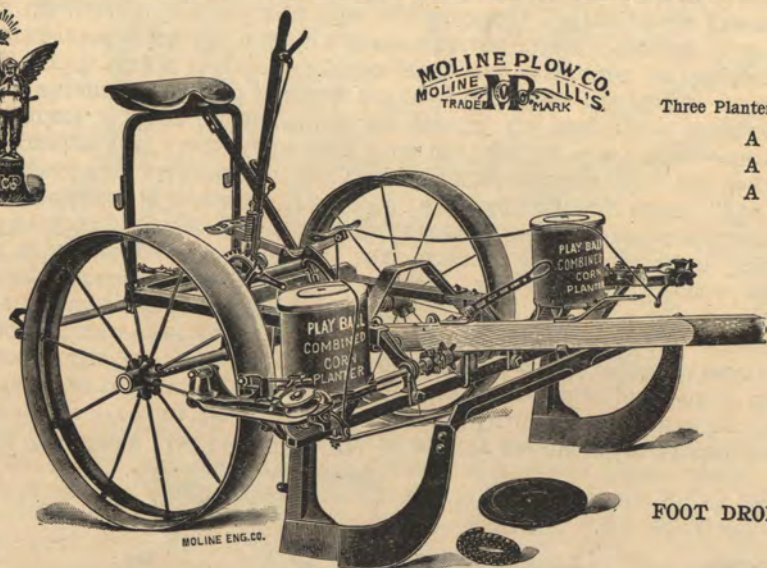
The operator sits back of the seed box. The seed tube is open, and the grain, after being released from the seed box, passes in plain view of the operator.

The lifting spring enables the operator to raise the plow out of the ground, either when the lister is in motion or stopped, with scarcely any effort. The scientific arrangement and balancing of the various parts, together with the flexibility of the plow, makes the Tri-Belle by long odds the lightest draft three-wheeled lister on the market. When the plow is in the ground the rear wheel is locked, but is released automatically and becomes a free caster when the plow is raised. The perfection with which this wheel works will be a revelation to the farmer who has experimented with the ordinary three-wheeled lister. Should it be necessary to back the lister this wheel will take care of itself. When in the ground, this wheel being locked, holds the lister perfectly steady, not allowing it to sheer off to either side, as is the case with many three-wheeled listers.

PLAY BALL COMBINED CORN PLANTER.



MOLINE PLOW CO.
MOLINE ILL.
TRADE MARK



Three Planters in one:

A HILL DROP
A DRILL DROP
A DRILL

FOOT DROP

IN THIS PLANTER both the driving of the plates and the tripping of the valves are done by the wire passing through the check heads, consequently a special wire is furnished. (See Fig. 1). Fig. 2 shows the driving dog with its positive action and positive stop.



Fig. 1

For the convenience of those who may desire to drop a single kernel at a time to the lower valve, this planter is built so that it can readily be changed to a drill drop planter, and if desired it can also be used to drill corn.

It has hinged seed boxes to permit of changing the plates without emptying the seed. The new Automatic Reel is furnished.

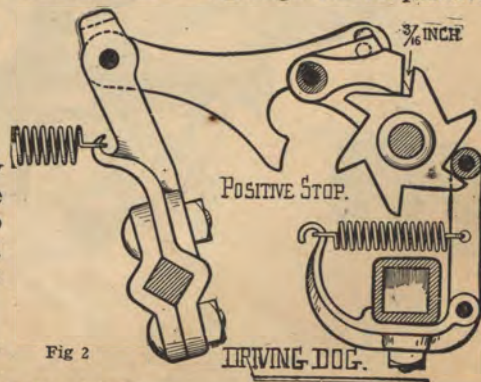


Fig 2

CRESCENT STEEL



HAND AND SELF DUMP.

THE CRESCENT RAKES are all steel—there is no wood about them. The frame is of angle steel with heavy cross braces of heavy flat steel to prevent any tendency to sag, and it has full length steel axles. The wheels have heavy steel spokes and channel tire, thus making a stronger wheel than is used on any rake. The head is of heavy angle steel. The teeth are of single coil and proper shape to give them the correct set at the point where they engage with the hay. The lever is so arranged that the teeth can be adjusted to either raise them up or throw them further under the rake. The shafts are made of heavy gas pipe, securely fastened to the frame, so there is no play. The seat stand is of heavy spring steel, which makes it perfectly secure, and at the same time affords a comfortable seat. The ten or twelve foot rakes, in addition to having a continuous axle, also have a truss rod, to give them additional strength. These large hay rakes are subjected to great strain, therefore it is necessary to reinforce the axle with the truss rods. The point of the teeth come very near to the ground so that no hay is allowed to escape.

The Crescent Self Dump Rake is the same in construction as the hand dump, and in addition to this has a device for dumping the rake, which is done by pressure on foot treadle which engages the dog in the cog wheel which is on the center of the axle. The dumping is then done by the revolution of the ground wheels. The cleaner sticks are made of heavy steel, and are so arranged that they will clean the teeth free of hay. This rake has a divided lever so that in case an accident should occur to the self dump arrangement it could be used as a hand dump; not only that, but the hand lever is found very convenient where rake is used in bunching hay, as it enables the driver to hold the teeth off the ground until it has passed over the bunch. These rakes are made in the following sizes: 8-foot, 20 teeth; 8-foot, 26 teeth; 10-foot, 26 teeth; 10-foot, 34 teeth; 12-foot, 32 teeth, with guard teeth if desired.

**We
Build
Machinery
For
All
Territories**



And
Many
Tools
Not
Shown
In
This
Circular.

All Implements made by the **MOLINE PLOW CO.** bear this Trade Mark, which stands for superiority, and secures them by a guarantee which insures their being made of good mate-



rial and of such shape and construction, that with proper usage will fulfill every promise made in circulars and other printed matter.



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