

Davison Harrow Co.,

Eureka Mower Co.,

Utica, N.Y. U.S.A.

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STUBBORN FACTS

REGARDING IMPLEMENTS
MANUFACTURED BY US.

1st. We have long been connected with the trade throughout the country and are familiar with its needs.

2nd. Knowing the needs we strive to supply a machine which will meet them.

3rd. We have in our employ the very best skilled mechanics and at the head a man who is not easily excelled. Every machine is tested before it leaves the factory.

4th. We spare no pains in selecting our material.

5th. Our shops are equipped with the best and latest makes of iron and wood working machinery, which enables us to reduce the cost of goods manufactured by us to a minimum.

6th. We give a liberal guarantee on all our implements.

7th. Orders or inquiries will receive prompt attention.

IT HARDLY SEEMS NECESSARY TO PRINT ANYTHING ABOUT SPRING TOOTH HARROWS.

for the reason that they have been upon the market for twenty-five years and acknowledged to be as important to a farmer as a plow or any other farm implement **A good Spring Tooth Harrow is a good thing;** a poor Spring Tooth Harrow would be fairly good if there were no better one.

WHAT GOES TO MAKE UP A GOOD SPRING TOOTH HARROW IS

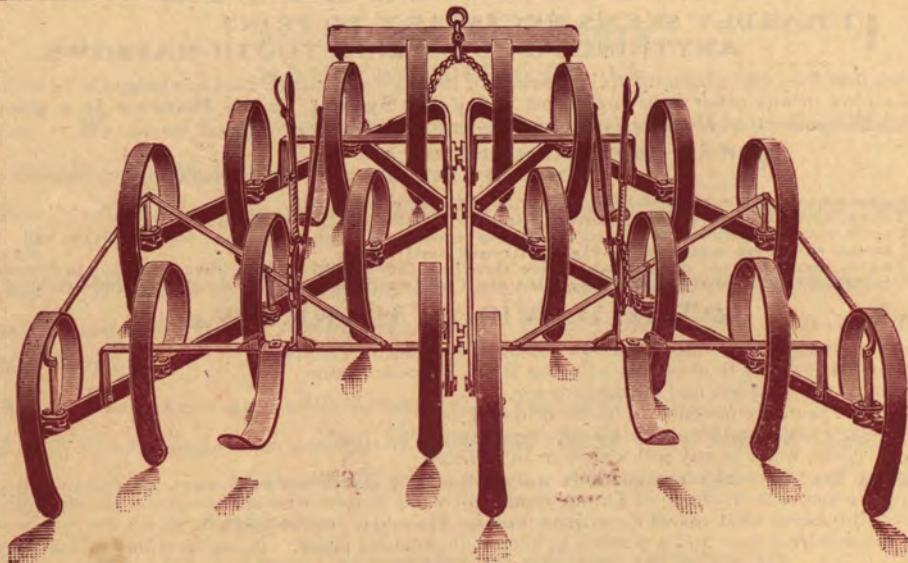
- The right shaped Frame.** It must be A or Butterfly shaped.
- The Teeth should have the proper curve** to admit of the greatest vibration.
- The Teeth must be securely and properly fastened to the Frame,** so they will not trail.
- The Frame must be extremely rigid, strong and light.**
- The Teeth must be set diagonal to the draft;** if they are not they will leave the ground in furrows or ridges.
- The Cross-bar or Fender must be elevated** to allow trash to get out; if not the Harrow will clog.

THE DAVISON HARROW

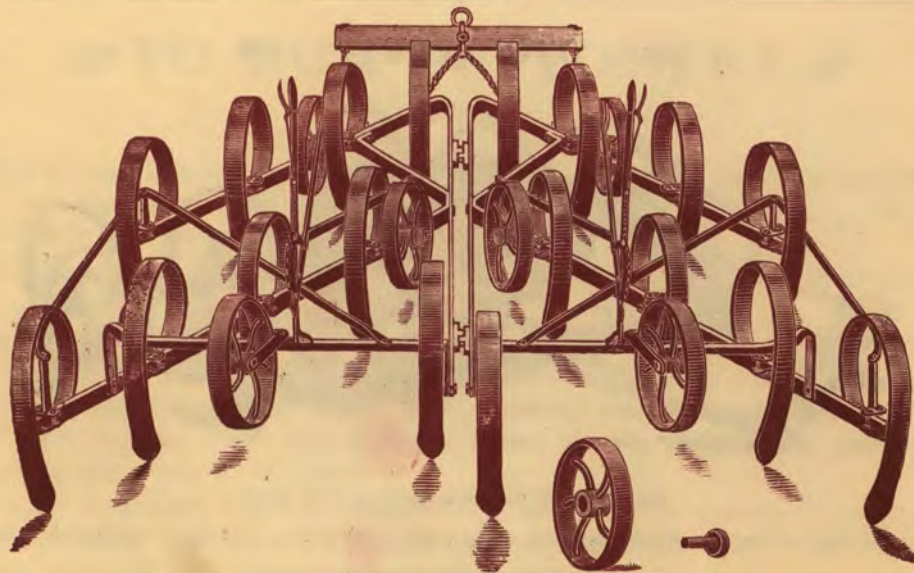
- The only A or Butterfly-shaped Harrow made with shoes or wheels.
- The only correct shape to construct a Spring Tooth Harrow Frame.
- The Frame is the simplest and strongest made.
- The Teeth are securely fastened to under side of Frame.
- The Cross-bars and Fenders are raised, giving clearance for trash.
- It does excellent work in any soil wherever introduced.
- The right to buy, sell and use is guaranteed by two strong U. S. Patents.
- The simple construction, shape of Frame, quality of work it does, ease of transportation, strength and durability, make it the **best and most common sense Harrow** on the market.
- It does not require a man and a wrench to keep it in working order. It has no equal. This we guarantee.

THE DAVISON is the only Lever Harrow made in the world
that possesses all of these qualities.  

No horse shoe or square frame Harrow can possibly be made to fulfill these all-important requirements.



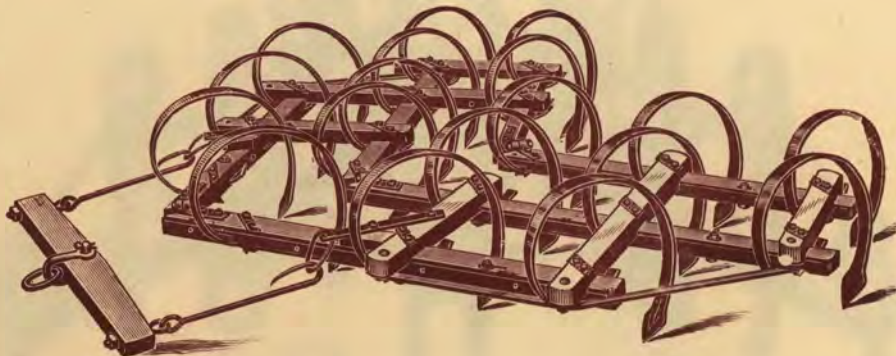
18 TOOTH—Weight 200 lbs.
THE DAVISON HARROW WITH SHOES.
FOUR SIZES—14, 16, 18 and 20 TOOTH.



18 TOOTH—Weight 230 lbs.
THE DAVISON HARROW WITH WHEELS.
FOUR SIZES—14, 16, 18 and 20 TOOTH.



THE PERRY.



18 TOOTH—Weight 225 lbs.

The United States Court by its decision gave us the right to build this old reliable and call it "PERRY."

FOUR SIZES—16, 18, 20 and 22 TOOTH.

Prices are Right.

Quality Good.

Steel Lined.

Fully Guaranteed.

TO OUR CUSTOMERS.

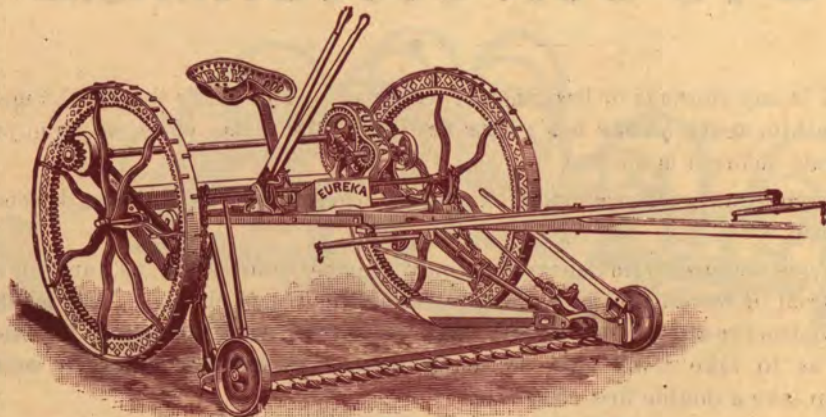
IF THERE is any shortage or breakage on receipt of goods, notify the freight agent **at once** and have him **note same on your freight bill**; also write us promptly that we may investigate before it is too late.

We warrant our goods against breakage only when caused by manifest defects in material or workmanship.

Any goods claimed to be defective we may require returned to us, and if we find any defect in material or workmanship, we will replace same free of charge. Any goods sent us for any reason whatsoever **must be upon our consent and shipped in the "knock down"** so as to take lower rate of freight, **same as we ship them out**, as goods shipped set up take a double first-class rate.

It must be understood that our responsibility ceases with the delivery of the goods to the carrier in good order. The law holds that the carrier is alone responsible to the consignee for all damages sustained by breakage, shortage or delay.

The weights given of our tools are approximate.



TWO HORSE MOWERS.

MADE IN 3 SIZES—5, 6 and 7 FOOT CUT.

WEIGHT 750 LBS.



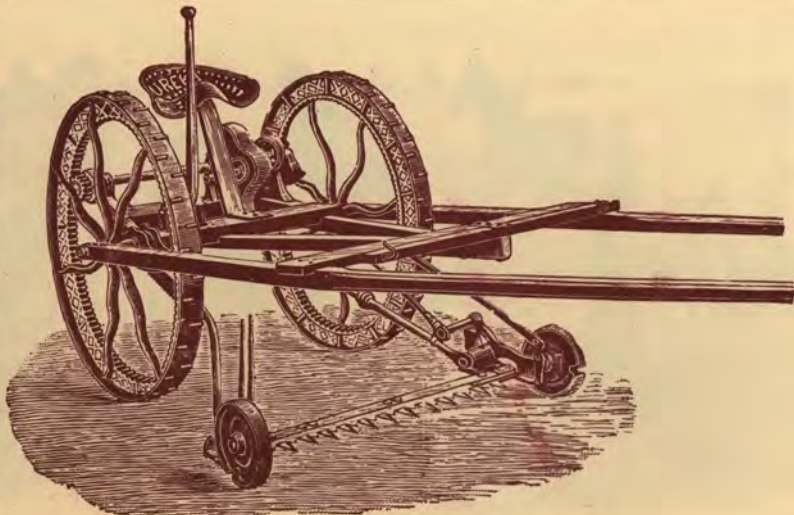
Eureka Mower at Work in the Field.

Crop cures one-third quicker.

Saves Hay Tedder.

THE only one-horse Mower cutting all the space over which it passes, making it unrivalled in cutting lawns, between rows in vineyards, coffee plantations, or wherever it is necessary to cut grass or weeds in narrow places.

These Mowers are built essentially on the same lines as our Two-horse Mowers. When desired, we furnish a pole so two horses can be used.



The only
Golf Ground
Mower
made in the
World.

Cuts any
height of grass
and will mow
anywhere
a horse can
walk.

Weight
600 lbs.

SIZES 36, 42 AND 48 INCHES.

EUREKA CENTRE DRAFT GOLF-GROUND MOWER.

The above cut represents a Mower made especially to meet the wants of Golf Clubs to cut over their grounds. It will work on very rough, uneven surfaces successfully. Is strong, durable and of easy draft. For further information regarding our famous line of Centre Draft Mowers, correspondence is solicited.

SOME OF THE MANY ADVANTAGES THE EUREKA HAS OVER THE SIDE DRAFT MOWERS.

It has the **direct draft**, a **true principle** when applied to Mowers as well as other implements.

It is mounted on **large wheels**, which **increases cutting power**, and **reduces draft** to the minimum.

It leaves the **cut crop** in best condition to **cure rapidly**, as it is left nearly in a **standing position**, neither the horses or Mower pass over it trampling it down after it is cut. The sun and air **dry it one-third quicker**, saving time and labor, while **no tedder** is needed, and a **better quality of hay** is secured.

It mows **back and forth** on one side of the field so that the **cut crop** is **by itself**, stop when you may, and beginning to rake where you began to mow, **gives uniformly cured hay** to draw.

It has a decided advantage over **all Mowers**, in cutting over **rough and uneven surfaces**, as the cutter-bar is **flexible at both ends**. It cuts equally well in the "haw" and "gee," keeping up its motion in cutting around trees or stumps.

The cutter-bar is easily raised to the height of twenty inches, enabling the Mower to pass over large obstructions.

On the side hill by mowing **back and forth**, the **heavy draft** of pulling the Mower up the hill **is avoided**.

The **horses**, being **spread well apart**, get all the air that is stirring, and are comparatively **cool** on a hot day.

Both ends of the **cutter-bar** are **supported**, and there is **absolutely no side draft** or **extraordinary strain** on any part of the machine.

Considering the above, what farmer will not agree with us that the **EUREKA** is the most **practical Mower**? The Eureka Mower is used and endorsed by progressive and practical farmers.

References without permission : Prof. I. P. Roberts, Cornell University Experimental Station, Ithaca, N. Y.; Utica State Hospital, Utica, N. Y.; T. B. Terry, (the great writer on Agricultural Economy), Hudson, Ohio. All of the above parties have had fifteen years' experience with the Eureka.

TO the farmer who wishes to *cut, cure* and *secure* his hay crop in the *quickest, easiest* and *most economical way*, we add a few of the testimonials, thousands of which our letter files contain :

WEST FLORIDA AGRICULTURAL SOCIETY, }
OFFICE OF SECRETARY.

DeFuniak Springs, Fla., Oct. 11, 1901.

Eureka Mower Co., Utica, N. Y.:

I take much pleasure in writing you the great success the Eureka Mower is in cutting Velvet Beans. This crop is the prize fodder crop of the South. The securing of the growth has been a serious matter, but the *center draft Eureka* has solved it, as it is so far ahead of the side draft mowers in many ways that it makes the work comparatively easy. Side cuts are not in it a little bit.

N. McQUARRIE.

The Eureka Mower excells all side draft mowers in the hay field.

T. B. TERRY, Hudson, Ohio.

We have been trying some side draft mowers sent us by the manufacturers, but to-day discarded every one of them and taken to our old standby—the Eureka—and I am happy to state it is cutting our very heavy crop without any trouble. We like it better than ever.

I. P. ROBERTS.

P. S.—Mr. Roberts is Professor of the Agricultural Department, Cornell Experimental Station, Ithaca, N. Y. A report from the diary of Geo. Vanderveer, Vanderveer Homestead, Amsterdam, N. Y., reads as follows :

July 8th, 1901, two Eurekas at work 2½ hours cut 8 acres.				July 22, two machines 8 hours, 10 acres.			
July 9, one machine	2	hours,	4	acres.	July 22, two machines	8	hours, 10 acres.
" 15, two "	3½	"	12	"	" 23, two "	1	" 4 "
" 16, two "	2	"	6	"	" 24, two "	2½	" 7 "
" 19, two "	2½	"	8	"	" 27, one "	2	" 3 "

Mr. Vanderveer's machines cut 68 acres in 27 hours, or one Eureka cut the 68 acres in 41½ hours. He writes the stubble was as smooth and nice as a well clipped horse.

EUREKA MOWER Co., Utica, N. Y.:

BIRDS NEST, Va., June 17, 1904.

It is with great pleasure I write this letter to tell you how much I am delighted with the Eureka Mower I bought of you. I never have seen anything equal to it. It is simply perfect in its work, and every one who has seen it in the field mowing and leave the hay standing up nearly straight, the best possible position for quick curing, are of the same opinion. * * * * One of my very near neighbors bought a new McCormick Mower about a month ago. He came to our field last Saturday and saw the Eureka at work; he was more than pleased with it; in fact, he said he had no mower after seeing our machine cutting grass. * * * As for myself, I would sooner pay for a Eureka than have any side cut as a gift. I also think it draws easier than any 4½ foot cut side draft mower. * * * I finished cutting this p. m. and I am able and proud to say it is the smoothest cut field in this county, and others will bear me out in the assertion.

Yours very truly,

BENJ. T. SCOTT.

THE EUREKA MOWER Co., Utica, N. Y.:

EAGLE BRIDGE, July 23, 1904.

Dear Sirs:—Received your courteous letter of the 20th in reply to mine relating to repair of machine. I am not sure that my letter deserved your reply. These little breakages annoy one, sometimes, more than the big ones. I should be very sorry, however, to give up the Eureka Mower, in fact, I can't afford to do so. Myself, a boy 11 years old and another boy 17 years old, finished yesterday, 70 acres of haying, cutting at least one and a half tons to the acre, taking seventeen days for same besides doing five acres of hoeing corn and potatoes. Neighbors each side of me, same adjoining farms with more help, are still haying with ten to thirty acres to cut. They are handicapped with a side cut machine and while I have been putting in hay in perfect condition, they have been bunching up theirs to keep. 1902 and 1903 were two wretched years here for haying and we had a very large yield beside. I finished my haying about a month ahead of anyone in the neighborhood. Both years dire prophecies were made that my hay would be rotten, etc., but both years the hay pressers reported that I had the only prime hay they found in our part of the country in any amount.

I can understand how people who have never used the Eureka continue to buy side cut machines, but how people who have used them can go back to side cuts passes my comprehension. The machine has been improved wonderfully since I have known it.

Thanking you for your courtesy and with best wishes for success, I am,

Yours respectfully,

JOHN C. COTTRELL.

THE LARGEST LINE
OF CORN PLANTERS

MANUFACTURED BY ANY ONE HOUSE IN THE UNITED STATES.

THE EUREKA

PLANTS Corn, Peas, Beans, Beets, Onion and Turnip seed. The construction of the planter and fertilizer device is identically the same in all the different planters, so by describing one applies to all, excepting only the frame and truck which vary to meet the wants of all.

The Davison, duplicate of the Eclipse.

No. 1.—Is a Two-Row Planter, **without thills or pole**, easily drawn by one horse.

No. 1½.—Is the same as No. 1 except it is provided **with thills or pole**.

No. 2.—Is a One-Row Planter with one drive wheel.

No. 3.—Is the same as No. 2 except it has **two drive wheels**, a different shoe, and provided with a Harrow tooth in front of shoe to free the furrow of trash, clods or stone.

No. 4.—Is a **Riding Planter** provided with levers and spring tension bars which enable the operator to control the depth of planting and raise the planter shoes free from the ground for transportation or turning at the ends of rows.

Note 1.—In ordering, **order by number**. The attachments for sowing **Kidney Beans, Beet, Peas, Onion or Turnip** Seed, **cost extra** and will not be shipped unless specially ordered.

Note 2.—To sow beets, peas or kidney beans, it requires a special dropper block. Price \$1.00.

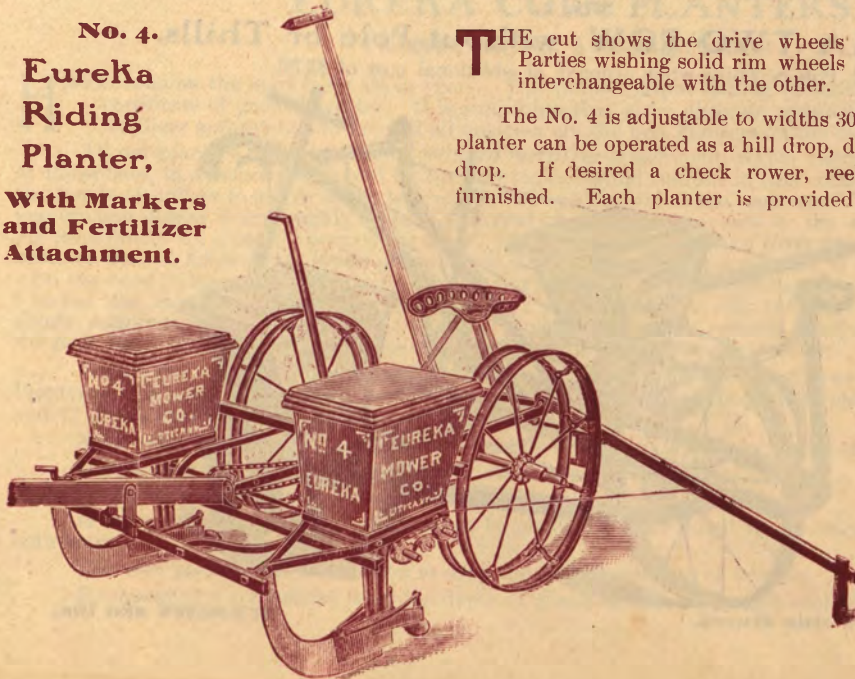
Note 3.—To sow onions it requires a special hopper and dropper block. Price \$1.50.

Note 4.—To sow turnips it requires a special hopper and dropper block. Price \$1.50.

Note 5.—The same hopper is used for sowing onion and turnip seed. Price complete, for onion and turnip seed attachment, \$2.00.

FOR FURTHER PARTICULARS SEE PAGE 15.

**No. 4.
Eureka
Riding
Planter,
With Markers
and Fertilizer
Attachment.**



THE cut shows the drive wheels to be open or split face. Parties wishing solid rim wheels can have them, one being interchangeable with the other.

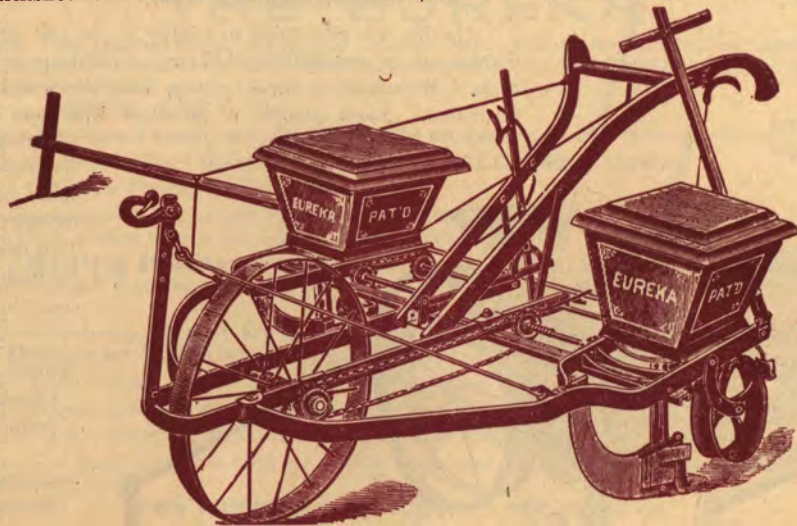
The No. 4 is adjustable to widths 30, 36 and 42 inches. The planter can be operated as a hill drop, drill drop or automatic hill drop. If desired a check rower, reel, check rower wire will be furnished. Each planter is provided with foot, checks. The planting device and fertilizer feed is the same on all planters except the "Davison." Full description given on page 12.

Weight complete with
Check Rower, 430
pounds.

Same without Check
Rower, 350 pounds.

No. 1.**EUREKA TWO ROW, without Pole or Thills.**

Same Planter furnished with Pole or Thills when ordered, at additional cost of \$2.50.



Easily Handled by One Horse.

WEIGHT 280 lbs.

EUREKA CORN PLANTERS,

(Except our No. 4 Riding Planter)

HAVE been on the market for seven years. The annual output having increased two fold annually, is a certificate of good character. It is a machine that gives absolute satisfaction. They drop seed and fertilizer accurately and beyond all question are the best Planters on the market.

All our planters have the famous **Wizard fertilizer** attachment, which distributes in the rows all kinds of phosphate, in a manner approved by the best experimental stations in this country, which have expended thousands of dollars to arrive at the best method of application, at the least cost. They sow successfully hen manure and plaster if thoroughly mixed. **Several changes** can be made in the **amount distributed**, varying from one to six hundred pounds per acre. The fertilizer is dropped a **little above** and on **each side** of the **seed**, so that no matter **how much** phosphate is used or **how strong** it may be, it does not come in **contact** with the **seed** to injure it. All planters except our Rider No. 4 have covering wheels 12 inches in diameter and 5 inches face, cover **both seed** and **phosphate** and press down the soil, insuring **more rapid germination**. **Clods, lumps** and **stones** are brushed aside by wings riveted to the runners, so that the seed is **covered** by the **best soil**. They are light draft for one horse, handle nicely and run steadily.

We are the only manufacturers who make an adjustable (in width of rows apart) two row fertilizer Planter with a positive force feed of both corn and fertilizer. It is adjustable to plant rows 15, 18, 21, 30, 36 and 42 inches apart.

NOTE—Our Rider No. 4 has the same adjustment as noted above and a wire check rower.

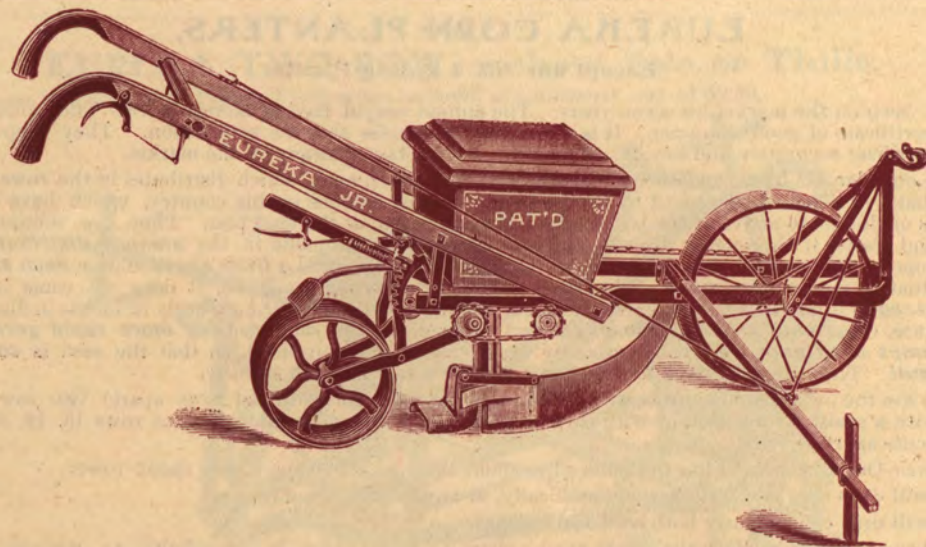
It will drop seed and fertilizer, automatically, at any desired distance.

It will drill continuously both seed and fertilizer.

It has a perfect check, so that grain can be planted in hills when it is desirable to cultivate the crop both ways.

The seed pockets can be adjusted to drop the desired number of kernels.

By means of a convenient lever the depth of planting is under perfect control of the operator.



No. 2. EUREKA JUNIOR, ONE ROW.

WEIGHT, 150 lbs,

**No. 3.
Eureka, Jr.,
One Row with
Two Drive
Wheels.**

THE small cut in the corner of No 3 represents our improved method of changing from the four pocket feed to the twelve pocket feed. It is done by the hinged division gate changing from one side of the corn box to the other. No bolts, pins, spring cotters or shaft to remove. - It is simplicity itself, positive, quickly done and easily understood. (All Eureka Planters have this improvement.) Each Planter is provided with markers. Full directions for regulating the Planters are sent with each machine.

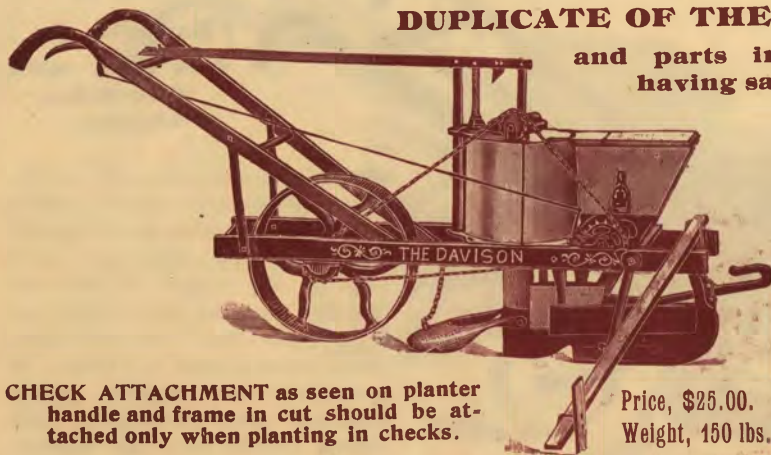


Weight, 160 Pounds.

THE DAVISON CORN PLANTER.

DUPLICATE OF THE ECLIPSE

and parts interchangeable with it
having same number.



CHECK ATTACHMENT as seen on planter
handle and frame in cut should be at-
tached only when planting in checks.

Price, \$25.00.
Weight, 150 lbs.

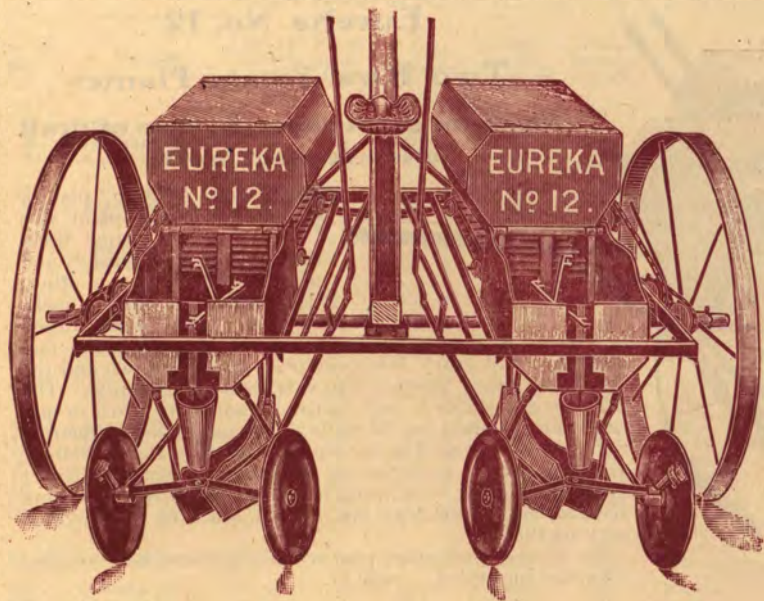
WE are the largest manu-
facturers of Corn Planters
with Fertilizer Attach-
ment in the world, making at
the present time 6 different
styles.

The accompanying cut shows
a planter which we have just
added to our line. This planter
has been on the market for
several years and by its com-
plete work has made for itself a
good, first-class reputation.
It has concave places each side
of the Plow, which are of great
importance in placing moist

earth on the seed just before the Fertilizer is dropped each side.

The Fertilizer Distributor has always given satisfaction which is a very strong argument.
The Planter plants in hills, drills or checks, corn, beans, peas or beet seed, accurately.

Manufactured by EUREKA MOWER CO., Utica, N. Y., U. S. A.

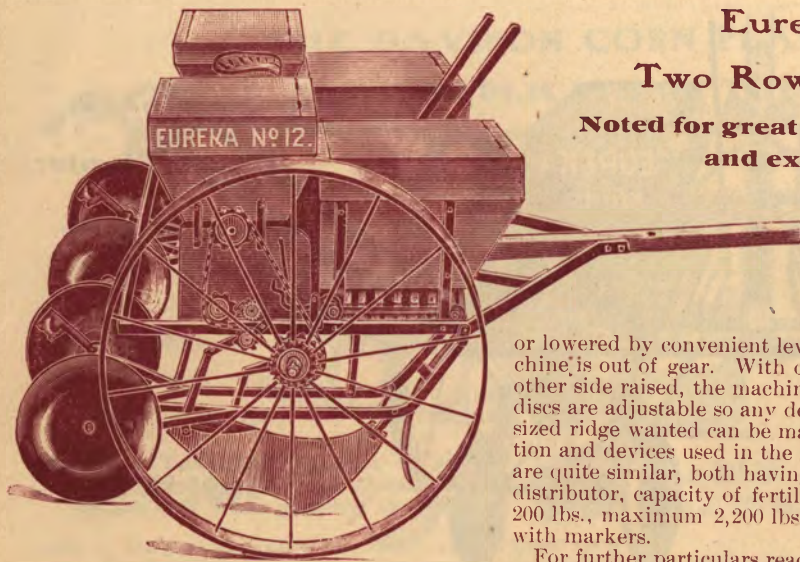


Eureka No. 12

Potato Planter.

This cut shows the rear view of Two Row Potato Planter. A cut showing side view printed on page 20.

Weight, 730 lbs.



Eureka No. 12

Two Row Potato Planter

Noted for great capacity, ease of draft and excellent work.

THE only potato planter made that will plant two rows at the same time. Each gang works separately and one independent of the other. It is mounted on large wheels. The plow and disc are raised

or lowered by convenient levers and when raised the machine is out of gear. With one plow and disc down and the other side raised, the machine will plant only one row. The discs are adjustable so any depth of planting required or any sized ridge wanted can be made. The mechanical construction and devices used in the Eureka One Row Potato Planter are quite similar, both having the noted wizzard fertilizer distributor, capacity of fertilizer sown per acre, minimum 200 lbs., maximum 2,200 lbs. Each machine is provided with markers.

For further particulars read what is written under heading "Parties Interested," page 27.

No. of plat.	Variety.	No. of cultivations.	No. of sprayings.	Date harvested.	Yield per plat. pounds.	Yield per acre bushels.	REMARKS.
1	Carman No. 3	6	2	Oct. 1	688	229	Planted with Jewett's Improved Potato Planter.
2	Carman No. 3.	6	2	Oct. 1	791	263	Planted with Eureka Potato Planter.
3	Carman No. 3.	6	2	Oct. 1	792	264	Seed tubers dropped by hand and covered with shovel plow.
4	Hemisphere	6	2	Oct. 1	736	245	Planted with Jewett's Improved Potato Planter.
5	Hemisphere	6	2	Oct. 1	864	289	Planted with Eureka Potato Planter.
6	Hemisphere	6	2	Oct. 1	822	274	Seed tubers dropped by hand and covered with shovel plow.
7	Hemisphere	4	2	Oct. 1	830	276	Planted the usual Cornell way.
8	Hemisphere	3	2	Oct. 1	853	284	Planted the usual Cornell way, tilled 3 times, level.
9	Hemisphere	3	2	Oct. 2	779	259	Planted the usual Cornell way, tilled 3 times, and hilled.
10	Hemisphere	6	2	Oct. 2	817	272	Planted in Cornell way, and pruned vines to one main stem.
11	Hemisphere	6	2	Oct. 2	879	293	Opened furrows deeply but covered shallow at first and worked soil toward the plants.
12	Hemisphere	6	2	Oct. 2	847	282	Planted in the usual Cornell way.
13	Carman No. 3	4	1	Oct. 2	683	227	Planted in the usual Cornell way. Sprayed but once.
14	Carman No. 3	4	2	Oct. 2	742	247	Planted in the usual Cornell way.
15	Carman No. 3	4	2	Oct. 2	739	246	Planted in the usual Cornell way. Hilled.
16	Carman No. 3	4	2	Oct. 2	752	250	Planted in the usual Cornell way.
17	Carman No. 3	6	2	Oct. 2	709	238	Planted in the usual Cornell way.
18	Carman No. 3	6	2	Oct. 2	687	229	Planted in the usual Cornell way.
19	Carman No. 3	6	0	Oct. 2	438	146	Planted in the usual Cornell way.
20	Carman No. 3	6	2	Oct. 2	597	109	Furrows opened deeply but seed covered shallow at first and soil worked toward the plants.
21	Carman No. 3	6	2	Oct. 2	692	230	Seed tubers planted in shallow furrows and covered lightly.
22	Carman No. 3	4	2	Oct. 2	487	162	Planted in the usual Cornell way.
23	Carman No. 3	4	2	Oct. 2	590	197	Planted with the Robbins' Potato Planter.

N. B.—Plats 1 to 21 (inclusive) were planted May 16th; PLAT 22, JUNE 12TH; PLAT 23, JUNE 17TH.



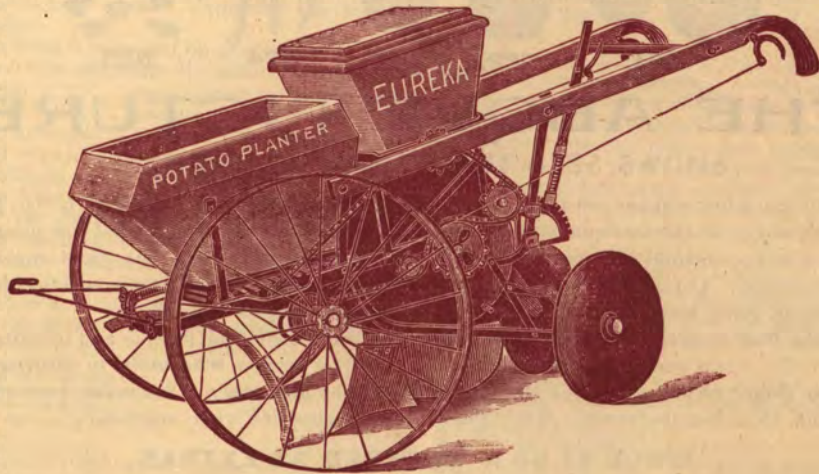
Eureka Potato Planter

IN DETAIL.

Sectional View of Eureka Potato Planter.

This view shows the Potato Box, Picker Box, Picker Arms, Traveling Bottom and Shoe. The whole of one side is taken off to get this view. Explanation more fully given on pages 27 and 28.

EUREKA POTATO PLANTER.



NOTE.—Pole or Thill attachments extra.

WEIGHT 280 lbs.



THE ABOVE PICTURE SHOWS SEED TUBERS CUT AND UNCUT.

WE WISH to say a few words upon the subject of the size and quality of the seed to be planted. The seed should be of the best quality to be had, sound by all means, if cut, good size pieces are preferable. All experimental stations advocate this and by actual test, show the yield much greater and the tubers of larger size. Cornell cut their seed about as No. 2 shows. Some farmers practice planting whole seed, some however, (very few) cut down to one eye, getting poor results as a rule.

The Eureka Planter as shipped out will drop No. 1, 2, 3 and somewhat smaller and irregular in size pieces very satisfactory, No. 4 and 5 not as much so, leading us to advise farmers *who insist* in *cutting* down to *one eye* or *long lady finger pieces* not to buy the Eureka Planter or any other. We make four arm pickers for dropping less than 15 inches apart in the row. These arms are supplied when ordered.

PRICE \$1.50 IF ORDERED AS EXTRAS.

No charge if shipped in the planter taking place of regular pickers.

NOTE.—All Planters have picker arms with two holes in for adjusting picker point for different size seed.

PARTIES INTERESTED

WHO never have seen the **EUREKA POTATO PLANTER**, naturally would like to have the mechanical construction clearly explained as the picture of the machine does not and cannot show the details.

The machine is mounted on two wheels of large diameter, as will be seen by the cut, which occupy a position at each side and carry the planter steady. The potato hopper has a traveling bottom, and a self-acting governor operating in connection therewith, allowing only the required amount of potatoes to be carried from it into the picker box. There are two sets of picker arms, one on each side of the box mounted upon the same shaft, being so arranged that they enter the picker box alternately; first one enters and engages a tuber and forces the seed over to the other side of the box in the track of the other picker, then vice versa. This method agitates the potatoes and does not allow them to bridge over. Each picker brings over and outside the box the seed and drops it in the V of the shoe which has opened the furrow. The depth of covering is regulated by a handy lever. The discs revolving each side of the furrow in the rear of the machine cover the fertilizer and potatoes. The machine is thrown in and out of gear by lowering the handles by lever. The handle check on the other side is for controlling the governor which operates the traveling bottom. A wire is attached to the handle check and a $\frac{3}{8}$ in. round rod. This rod runs through the picker box (has a flat piece of steel fastened to it in the picker box) is bent downward; the wire should be attached down about half way. All the mechanism is operated by two large drive wheels through sprocket chain attachment. It is a simple machine—all changes quickly and easily made.

It is light, strong and durable
 It weighs with fertilizer attachment, about 280 lbs.
 It is light draft for one horse.
 It is 95 per cent. correct in its drop.
 It covers perfectly.
 It will sow fertilizer correctly.
 It will sow from 150 to 1,150 pounds fertilizer per acre.
 It plants whole or cut seed.
 It will plant any depth required.
 It will drop seed in the row—15, 19, 23 and 30 inches apart.
 It will hold one bushel and one quarter of potatoes.

It will hold 50 pounds of fertilizer.
 It is made with or without fertilizer attachment.
 It turns easily at the end of the row.
 It is sold at a nominal price.
 It has marker for marking return row.
 The furrow is opened by an anti-packing shoe or plow.
 The potato is dropped equi-distance apart, as regulated.
 The potato is partially covered by earth; the fertilizer is dropped and does not come in contact with the potato; the discs cover both potatoes and fertilizer any depth desired.

THE WANT OF A MACHINE TO PLANT POTATOES

THAT combines lightness, strength, simplicity, durability, easy draft, compactness and is correct in its operation, prompted us to invent and construct the **EUREKA POTATO PLANTER**. Our efforts in that direction have been fully rewarded as we have sold many thousands which have given absolute satisfaction, as hundreds of recommends we have in our files testify, a limited number we reproduce. We especially call attention to the test made by the Cornell University Experimental Station on page 23.

VOWINCKEL, PA. December 8, 1902.

Messrs. EUREKA MOWER Co., Utica, N. Y.

DEAR SIR:—I would like to write you more fully concerning the work of the Planter. But will say that I got just as many bushels per acre off what I planted with it as I got off what I planted by hand and they were fully 50 per cent. larger than the hand planted. The Eureka Potato Planter is a Jim Dandy, and if I could not get another one I would not take \$200 for this one.

I am, very respectfully yours,

B. A. McCIOSKEY, J. P.

LANCASTER, MASS., July 13, 1903.

Messrs. EUREKA MOWER Co., Utica, N. Y.

GENTLEMEN:—The Eureka Planter bought of you last spring has given very good satisfaction; while not absolutely perfect, it does as good work as the Aspinwall and is to be preferred to the Robbins, as the extra man on the Robbins loads the machine so much as to make it hard on the horses and also at times cuts the field up badly. In fact it seems to me to be the planter for the ordinary New England farmer to buy.

Very truly yours,

J. E. F. BAILEY.

MILFORD, ME., June 22, 1904.

Messrs. R. B. DUNNING Co., Bangor, Me.

GENTLEMEN:—On May 5th, I bought one Eureka Potato Planter of you. Fields planted with this planter show to-day a very even, strong stand of plants. Seed was placed deep in the seed bed. Potatoes in this section planted by hand failed to germinate well on account of the extreme drouth.

Very truly,

J. W. BISHOP.

HICKSVILLE, L. I., N. Y., Sept. 24, 1903.

Messrs. EUREKA MOWER Co., Utica, N. Y.

GENTLEMEN:—For the past six years I have had my potatoes planted with an Aspinwall potato planter, but last spring I bought one of your planters of Harry Seaman, Central Park, L. I., N. Y., and planted my potatoes, and will say that the Eureka is the best planter I ever saw work. I found in going over my field after the potatoes came up, that it was hard work to find a missing hill. I would not exchange the Eureka for any planter I ever saw.

Yours truly,

FREDERICK MEYER.

Office of Secretary of Commonwealth,

HARRISBURG, PA., June 30, 1904.

Messrs. EUREKA MOWER Co., Utica, N. Y.

GENTLEMEN:—I enclose check for Eureka Potato Planter. The planter did its work so perfectly that I was induced to plant twice as large a field of potatoes as originally decided on. There appears very few places in the field where they did not come up, and I think that can be charged to cutting the seed with a machine thus getting an occasional piece without an eye. My neighbors have admired the field and say that the field is better than where planted by the Aspinwall.

Very respectfully, W. H. PENNYPACKER.

THE FAMILY OF EUREKA WEEDERS

IS LARGE, AS WE BUILD FOUR DIFFERENT KINDS
AND A NUMBER OF DIFFERENT WIDTHS OF CUT.

A GREAT deal can be truthfully said in favor of the Weeder and its valuable office in destroying the weed crop and increasing the yield of corn, mealie, potatoes, and in fact almost any planted seed or transplanted plant. Mr. T. B. Terry, one of the most noted writers on farming, says: Any farmer who plants one acre of potatoes and four acres of corn cannot afford to be without a Weeder.

All agricultural colleges and experimental stations advocate the same thing. Cornell University Experimental Station planted two plots in 1901 with potatoes using same seed and everything else being equal only a weeder was used on one plot and the other was cultivated and hilled. The plot upon which the weeder was used produced twenty-five bushels more per acre than the other.

Many mistake the office of a weeder. A weeder is not made for ***pulling*** weeds after they become ***rooted***, if it did it would pull and destroy the crop. It is for ***destroying the weed just at the time the seed is sprouting or germinating***. It also mulches the ground breaking the crust which often forms, especially after a heavy rain. The weeder with proper formed teeth of suitable size can be ***successfully used*** on all planted crops and many of the transplanted vegetables. We have had many years experience with the weeder, experimenting with the different styles of teeth and have found the ***long trailing tooth*** to give best results.

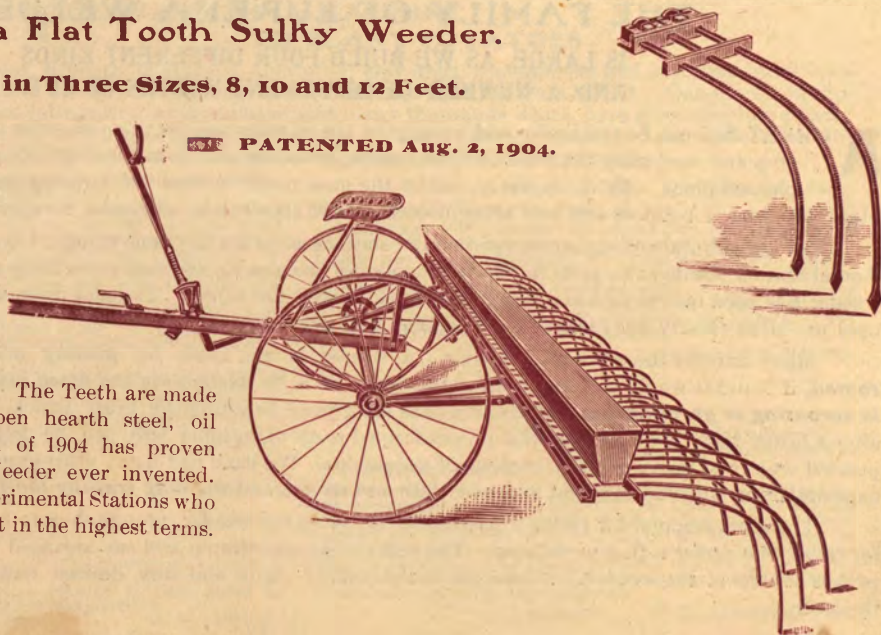
The great demand for riding implements, including the weeder, prompted us to build a sulky attachment for those who prefer riding to walking. The sulky is strong, simple and so arranged that the operator has perfect control of the weeder. It raises from the ground easily and any desired tention can be applied to the teeth.

Eureka Flat Tooth Sulky Weeder.

Made in Three Sizes, 8, 10 and 12 Feet.

Cut shows a grass seeder attachment. The seeder is detachably connected, sold with or without the seeder attachment.

The cut in the upper corner shows the Flat Tooth in cross section. The Teeth are made of 80 points carbon open hearth steel, oil tempered. The season of 1904 has proven this to be the best Weeder ever invented. Good farmers and Experimental Stations who have used it speak of it in the highest terms.



After Having Had Many Years Experience

IN EXPERIMENTING and manufacturing Weeders, we have called a halt and cried "**EUREKA,**" "we have found it." In 1903 we devised a new weeder tooth for experimental purposes only. Meeting with such unprecedented success, we unhesitatingly placed several hundred of **The Eureka Flat Tooth** in the hands of the farmer which have worked through the spring of 1904. In every instance they have given absolute satisfaction, some good farmers say to us, I have never used so satisfactory a weeder before, my old style weeder is N. G. We cannot say enough in favor of the **Eureka Flat Tooth Weeder,** but will give a written guarantee to any farmer or dealer that it is the best weeder ever put on the market by any manufacturer.

The seeder box and driving device is detachably connected, this applies to all Eureka Flat Tooth Sulky Weeders. It is easily set for sowing the required amount of seed and is very correct, windy days makes no difference as the seeder box runs very close to the ground and seeds ahead of the teeth which insures a perfect seed bed and proper covering of seed. Grass seed should be properly covered or it is lost. If too deep it never grows, if not covered it will not germinate.

AS A RULE,



THE VARIOUS WEEDERS



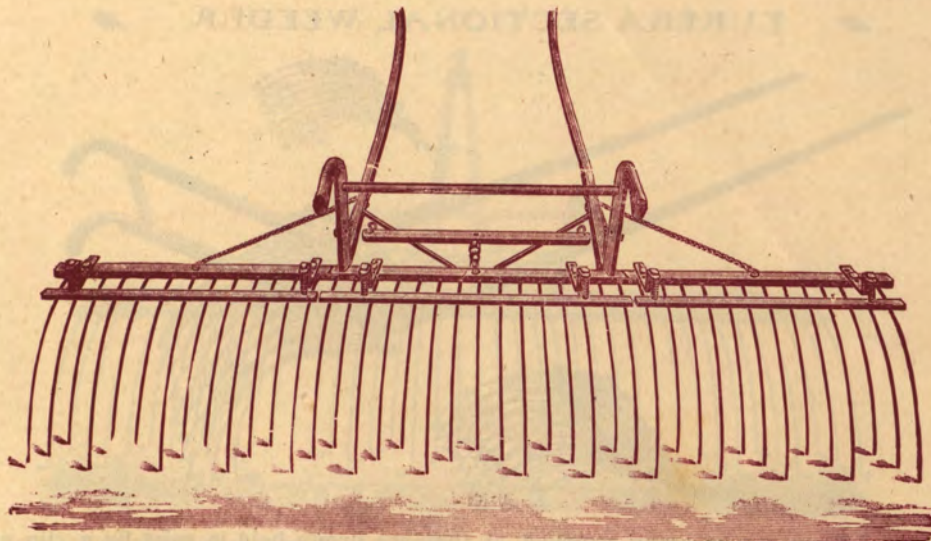
PLACED upon the market have given general satisfaction, and are considered indispensable by agricultural colleges, experimental stations, and by the progressive farmers of the world, and yet, some fail to do perfect work, under some conditions, because of faulty constructions.

THE EUREKA WEEDER

Has a solid center section, 2 feet 9 inches long, made of channel steel $1\frac{1}{2} \times 1\frac{1}{2}$, with hills adjustable to the height of any horse and handles adjustable to man or boy, with two hinged wings bolted to the center section, 2 feet 3 inches long. This gives the Weeder three sections, each section working independently and conforming to the inequalities of the ground, doing equally good work over dead furrows, cradle knolls, hollows, etc. This feature is as essential to the proper working of a Weeder as it is to the right working of a harrow, as it is necessary to adjust itself to uneven surfaces in order to do perfect work. All Weeders upon the market to-day have solid heads the entire length, many of them are not adjustable to the different heights of man and beast, and are equipped with teeth of improper length and shape to obtain best results. We claim for the Eureka Weeder that it will do the work of

THREE MEN, THREE CULTIVATORS and THREE HORSES,

and do it in much better way than it is possible to do it where the Weeder is not used. The Weeder accomplishes work which can not be done with any other implement in the cultivation of corn, potatoes, peas, beans, cucumbers, squash, mellons, cabbage, tomatoes, celery, strawberries, beets, carrots, onions, etc. Our teeth are curved at such an angle as to do effective work in all soils, are made of the best open-hearth steel, oil tempered and guaranteed not to break.



THE EUREKA FLOAT FLEXIBLE WEEDER.

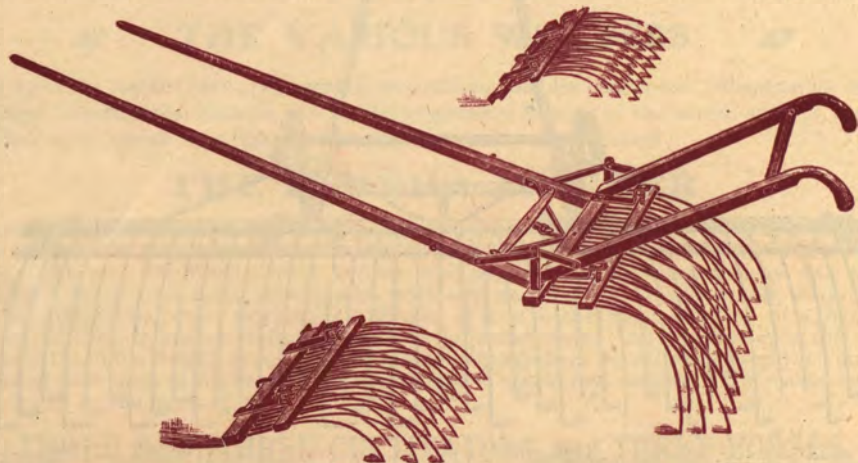
Cut showing Wings Attached.
The Wings are Hinged to Main Head.

Weight 100 lbs.

A Solid Head can be made by putting
in a Single Bolt on Each Wing.

EUREKA SECTIONAL WEEDER.

Cut showing Wings Detached.
Wings Attached, see preceding page.

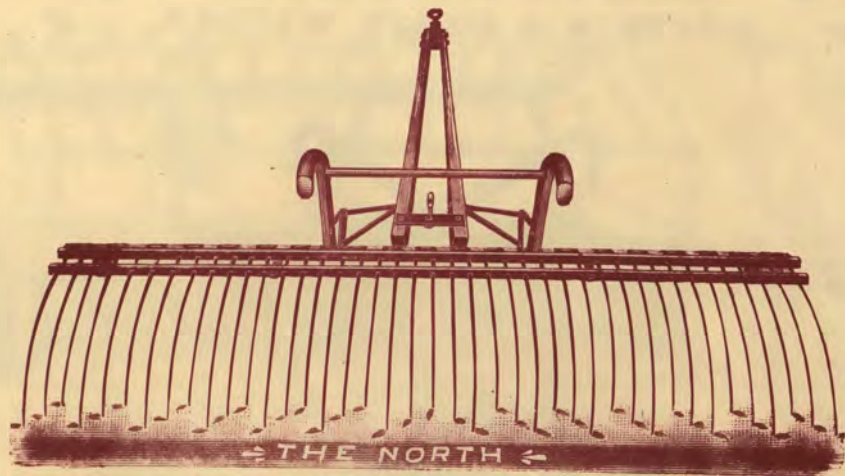


The Main Head, 2 feet 9 inches long,
can be used as a Cultivator.

Any number of Teeth can be easily removed, as they are firmly held in pairs by a clip and one bolt. This is a very valuable feature and will be highly appreciated by the farmer.

THILLS ARE ADJUSTABLE TO THE HEIGHT OF ANY HORSE.

HANDLES ARE ADJUSTABLE TO HEIGHT OF ANY MAN.



THE NORTH WEEDER, with Pole which is Convertible into Thills

With Round or Flat Teeth as desired. WEIGHT 100 LBS.



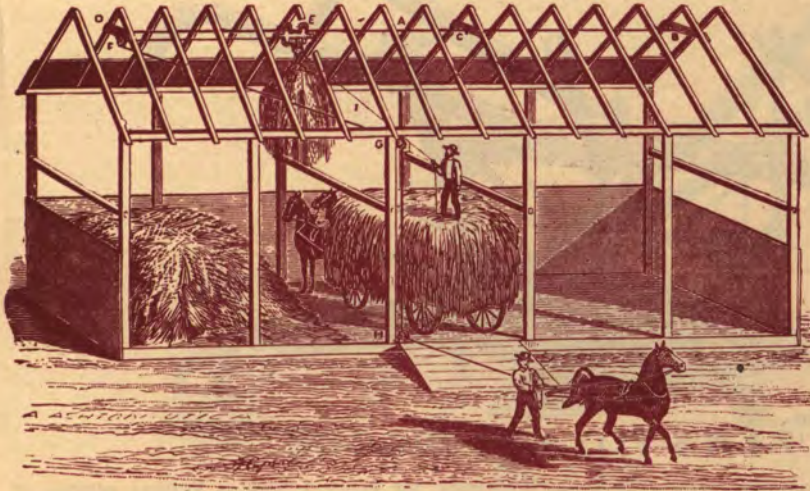
DAVISON A SHAPE WEEDER.



Light, strong, does excellent work and is sold at a very popular price.

Weight 90 lbs.

CLARK'S HAY CARRIER.



THIS Carrier has long been before the public and needs no introduction. It is the best iron rod carrier manufactured, and has been uniformly victorious when tried in competition with other makes.

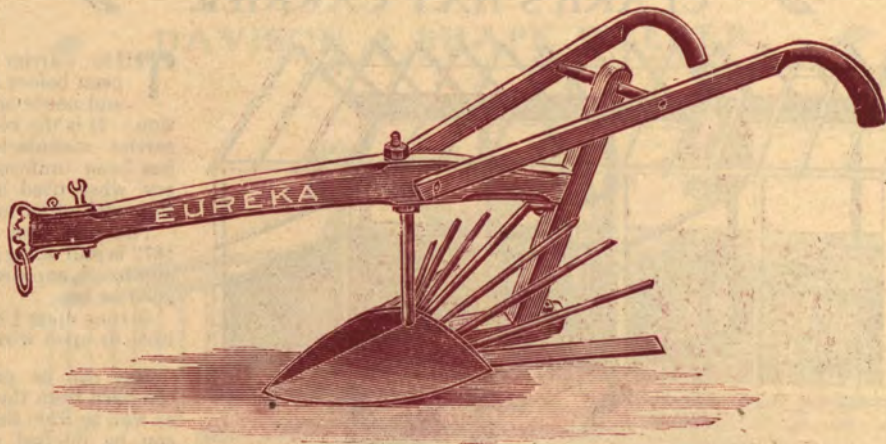
The one first put up in 1872 is still doing good work, and to all appearances is as good as new.

It runs upon $\frac{5}{8}$ or $\frac{3}{4}$ round iron, or upon wire cable.

Hay can be pitched into the barn from the gable end, as well as from the floor, and can be pitched out of the barn as well as into it. Any horse fork can be used. The Carrier pays for itself every year.

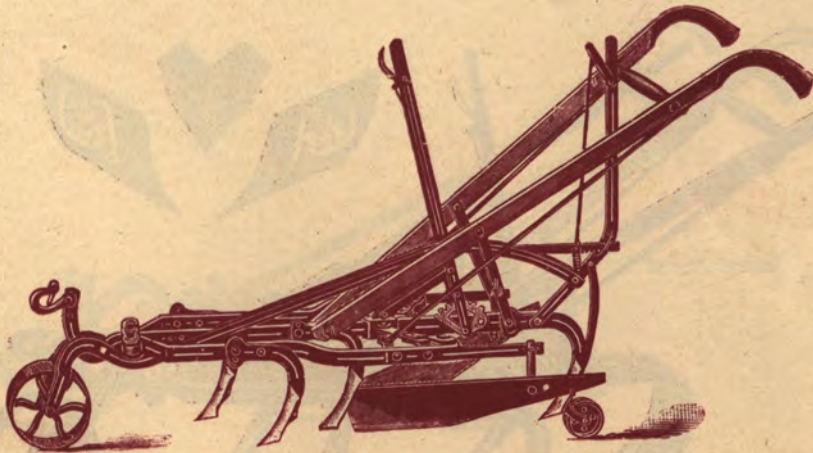
The price of the Carrier is so low that no farmer can afford to do his haying without one.

Cut showing track and carrier at work and how same is put up in barn. We carry always in stock rope, pulleys and all kinds of forks



EUREKA POTATO DIGGER

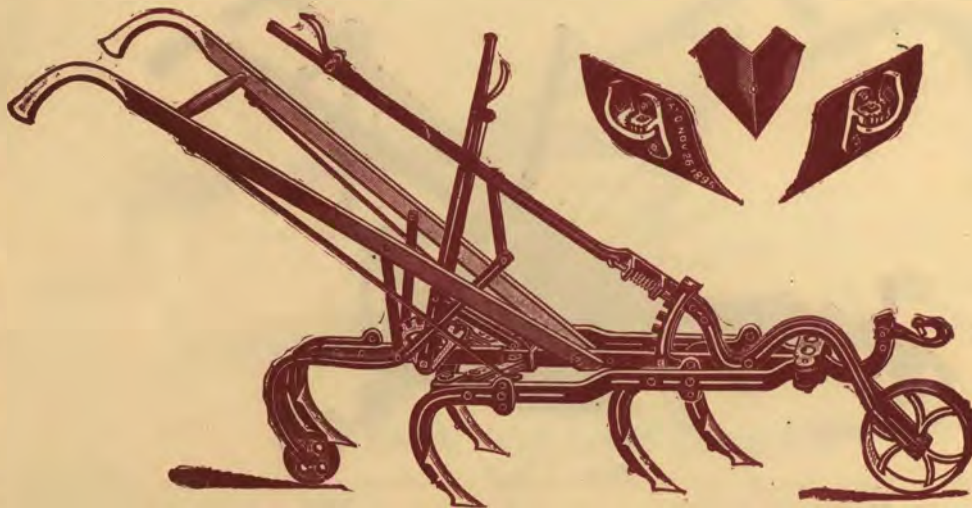
Contains many common sense, valuable features, designed expressly for farmers with a limited acreage of potatoes who cannot afford to invest in a hundred dollar machine and cannot afford to dig his crop by hand. It is sold at a low price and will do good, practical work, leaving the potatoes on top of the earth in a very satisfactory manner. In fact, its work is preferable to many of the high priced diggers.



No. 1 1-2.

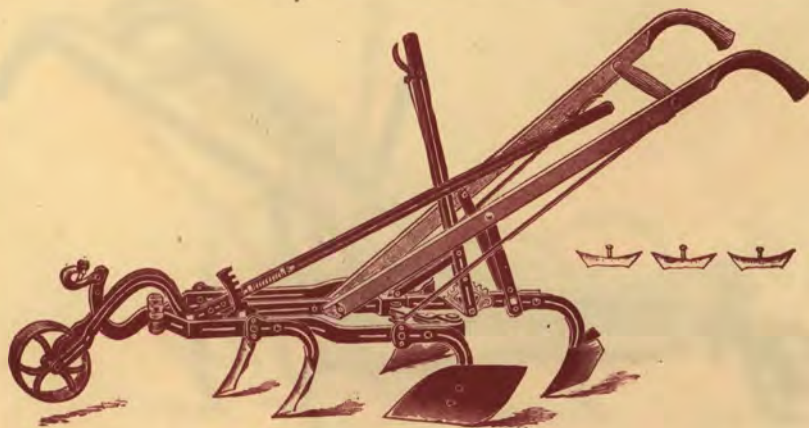
EUREKA CULTIVATOR with Celery Wings.

The Eureka Spring, Spike, and Shovel Tooth Cultivators.



ARE the best and most complete line manufactured for farm and garden uses. The frames are made of the best quality of steel; are six inches longer than most cultivator frames; are furnished with either expansion lever, or set-screw adjustment, and with or without wheel, mould boards and plow. The mould boards can be turned to any angle and set for any desired depth. These cultivators can be adjusted for any width from 12 to 36 inches.

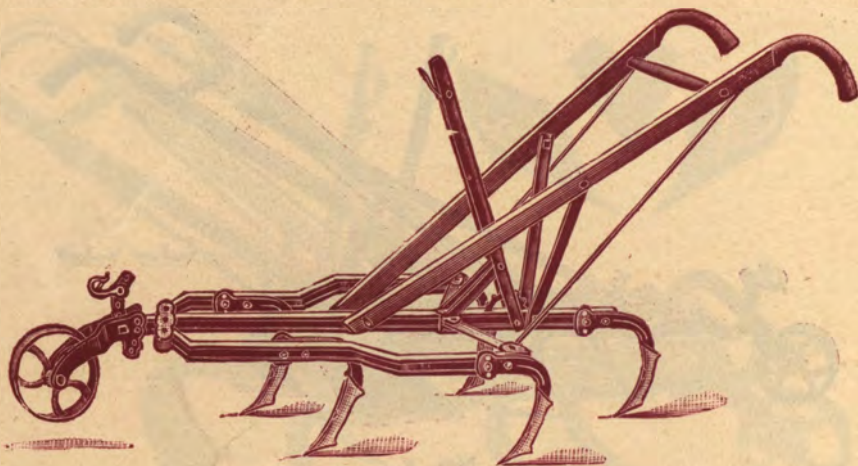
No. 1 Shovel Tooth Cultivator, with Hilling Attachment.



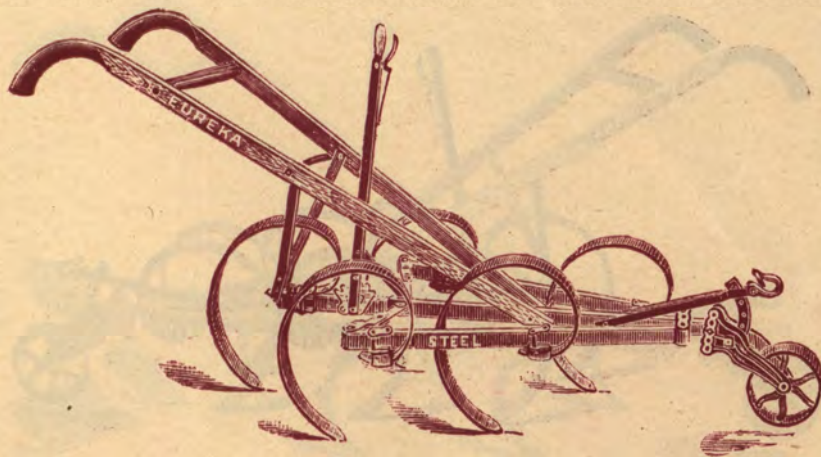
No. 3.

DOUBLE LEVER CULTIVATOR,

With Hilling Attachment.

**No. 4.**

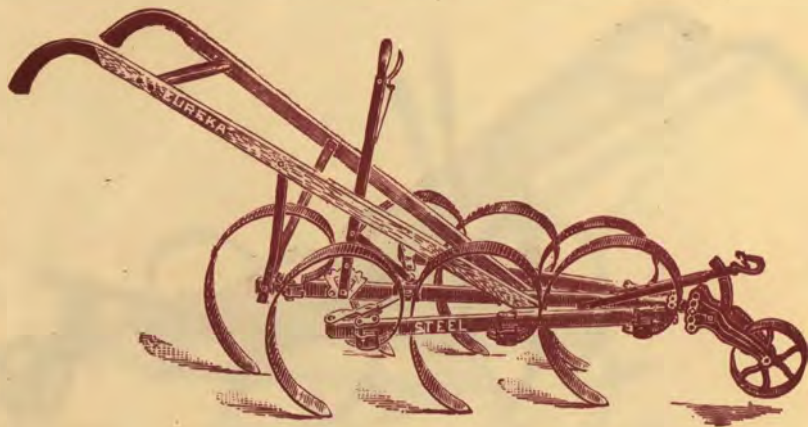
Made of High Carbon Channel Flat Steel, priced with or without Hilling Attachment



No. 5 I-2.

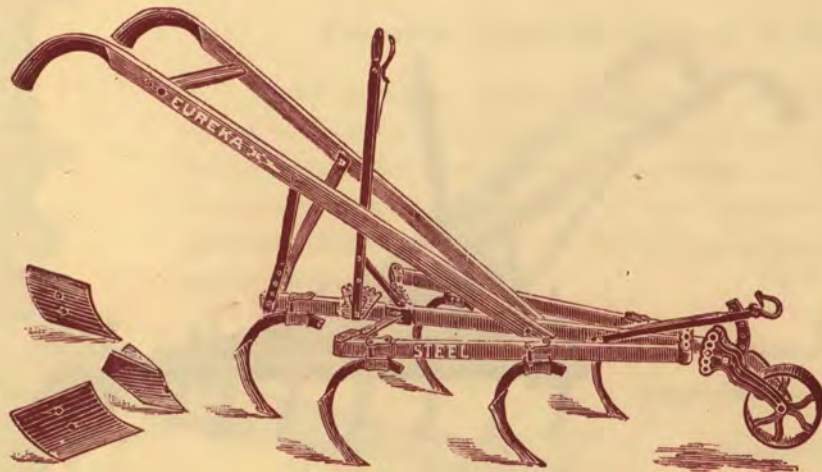
5 Spring Tooth Cultivator, with Expanding Lever.

Teeth can be placed on any part of frame.



No. 9 I-2.

7 Spring Tooth Cultivator, with Expanding Lever.



No. 16 1-2.

Single Lever Cultivator, with Hilling Attachment.

Teeth can be placed on any part of frame.



No. 14.

Single Lever Spike Tooth Cultivator.

Eureka Trolley Lifting Jack.

Quick in action, positive in position, great lifting power, always ready, novel in principle, adjustable to many heights, made of high carbon steel and the best of malleable iron. Has no equal in power for its weight, in strength, in cost, therefore has no competition. Has Three Steps, 2, 15 and 20 inches from base, either raises 7 inches.

Patented
September 22, 1903.

Capacity
Three to Four Tons.

EUREKA MOWER CO.,
UTICA, N. Y., U. S. A.



EUREKA WAGON JACK.



Light in weight but strong in lifting capacity.
Small in size but will easily raise a loaded wagon.
It has double acting dogs, what one raises the other holds.
It is positive and quick in its action.
It is made in two sizes, 12 and 16 inches in height.
It is constructed of steel and malleable iron.
There is not a bolt, spring or rivet used in its construction.
There is nothing to wear out or get out of order.
The 12 inch size is for Automobiles.
The 16 inch size is for all kinds of buggies, heavy wagons, &c.
It is decidedly a good Wagon Jack—none better.

Patented September 22, 1903.

Weight, 7 lbs. Capacity 1 to 2 Tons.

40,000 Sold in 1904.

EUREKA MOWER CO., Utica, N. Y.

EUREKA AUTO LIFTING JACK, No. 2.

Designed Especially for Automobiles.

Patented September 22, 1903.

Weight, 7 lbs.; Height, 11 1-2 Inches.

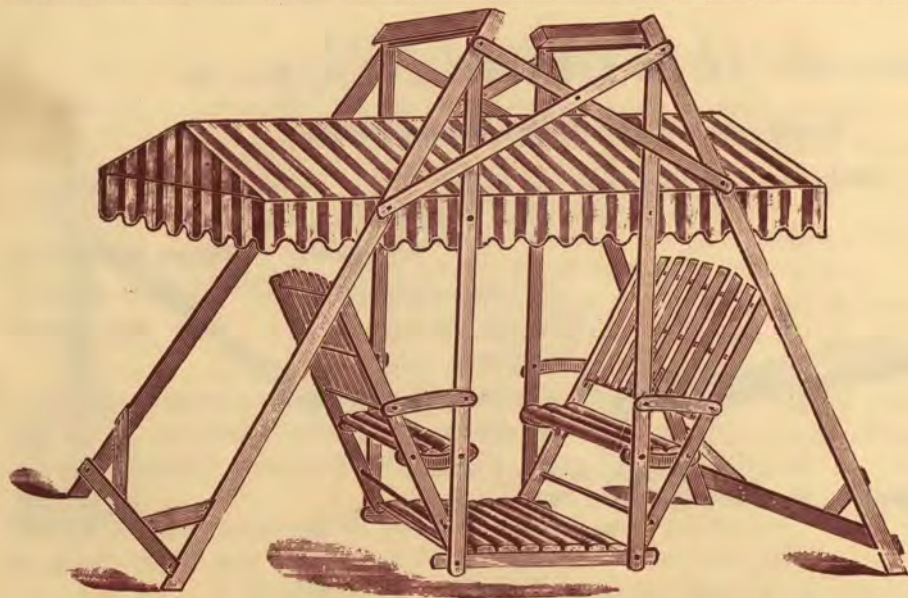
Capacity, 30 to 40 Hundred.

The same principle is applied to this Automobile Jack that the Eureka Trolley and Wagon Jacks have.

The No. 2 Auto Jacks are provided with a foot lever, by the use of same, a load can be lowered easily at will. It is new, novel and handsomely finished, light in weight and positive in action.

Our No. 1 Auto Jack, (not shown in this catalogue,) is without foot lever, the same as our Wagon Jack, only it is lower, being 12 inches in height, designed for Vehicles having low wheels.





No. 4.
Eureka
Lawn
Swing,
with
Awning.

The No. 2 and No. 4 Swing are all bored so that the Awning can be easily attached at any time.

No. 2.
Eureka Lawn Swing.

WE BUILD TWO SIZES.

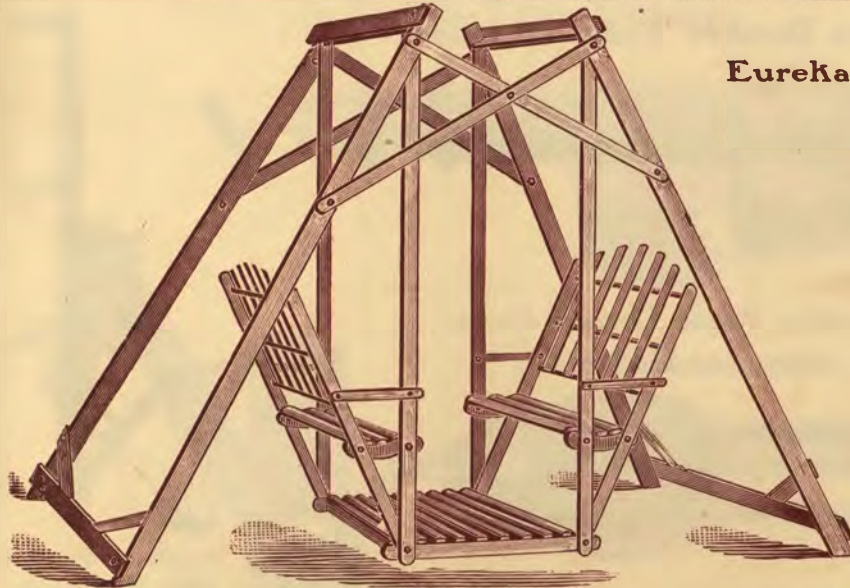
••◊◊••

**No. 2 for Two
Persons.**

**No. 4 for Four
Persons.**

This cut is a fair picture of the Eureka Lawn Swing. It is made of selected hard wood, light, strong, well finished, and convenient for lawns, porches or the house.

WEIGHT 100 LBS.



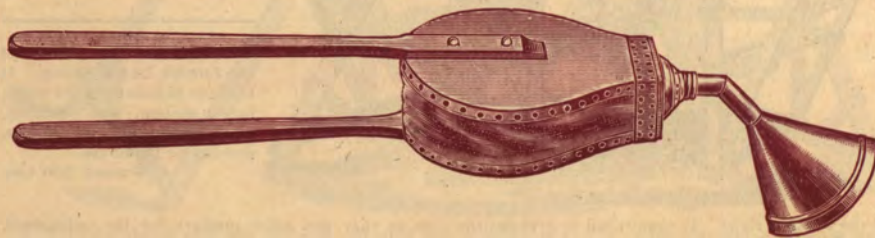
The price is right and the swing is right. It cannot fail to give satisfaction, as they are solid comfort for the indisposed, well disposed, men, women and children.

Eureka Double Tube Atomizer.



Eureka Paris Green Gun.

Distributes Dry Powder.



Gordon Planter.

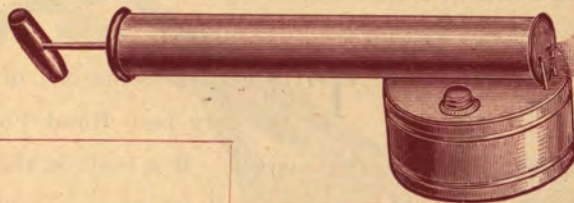
The Best in Use.
 Revolving Disk Feed.
 Automatic in Action.
 Every One Guaranteed.

Perfection Double Tube Atomizer.

The Latest
Double Tube
Sprayer.



Has Fruit Jar Glass Tank, with Tin Casing.



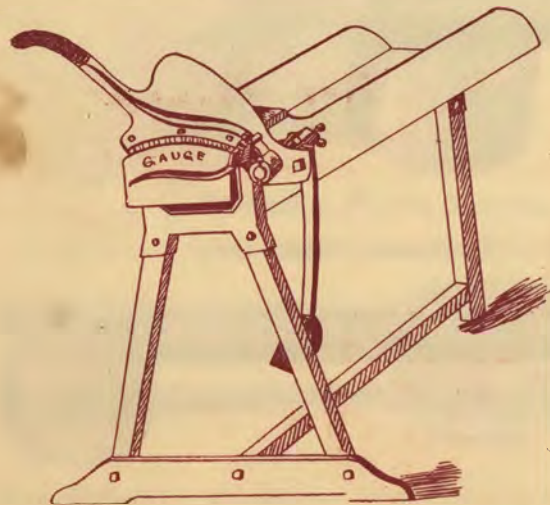
Canteen Atomizer.



Is of large capacity, heaviest material, most substantially made, and throws finest possible spray. A necessity for every farm, garden, barn, greenhouse, orchard or hennery. Guaranteed equal to the best. Made of Brass or Tin.

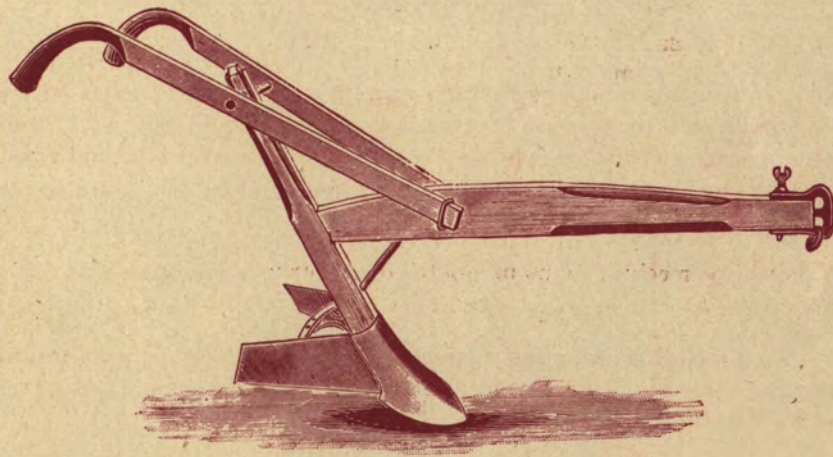
Eureka Balance Lever Fodder Cutter.

IS ALL ITS NAME IMPLIES.



THIS cut represents one of the best if not the very best Hand Fodder Cutter on the market. It is built on the right principle for easy work as compared with those not having our patent balance which serves the purpose of a balance wheel, giving additional power to the stroke—also assists in raising the handle and knife for the next cut.

The price is right. The cutter will please you.



WINGED SHOVEL PLOW.

Wings adjustable to different widths.

WEIGHT 35 LBS.

 WARRANTY.

THE implements in this catalogue are each warranted to be well made, of good material, and durable with proper care. If upon trial they should not work well, immediate notice must be given to us, stating what the trouble seems to be and give us reasonable time to remedy the same. Continuous use of a machine for three (3) days by the purchaser shall be deemed his acknowledgement that it is all right.

No goods will be received by us unless the dealer or user complies with the terms in this warranty.

NOTE.—We give full working instructions with each machine or upon application, which should be carefully followed. Our warranty applies to the implement, only when properly operated or worked according to instructions.

EUREKA MOWER CO.,

UTICA, N. Y., U. S. A.

