



THE
BROWN
MFG. CO.



ZANESVILLE, O.
U.S.A.

9452

1908

JOHN HOGE, Pres.
F. A. DURBAN, Vice-Pres.
N. H. MOORE, Sec.
U. H. BROWN, Treas. and
General Mgr.
J. B. FORD Asst. Mgr.



Catalogue
No. 32

Manufacturers of

AGRICULTURAL IMPLEMENTS

**Cultivators, Cotton Planters
Harrows, Steel Shapes, Etc.**

Main Office and Factory:

802 North Seventh Street

Zanesville, Ohio, U. S. A

BRANCH HOUSES:

DALLAS, Texas
ST. LOUIS, Missouri

BLOOMINGTON, Illinois
INDIANAPOLIS, Indiana

ST. PAUL, Minnesota
KANSAS CITY, Missouri

TRANSFER HOUSES:

COLUMBUS, Ohio
LOUISVILLE, Kentucky
NASHVILLE, Tennessee

MEMPHIS, Tennessee
SPRINGFIELD, Missouri
LITTLE ROCK, Arkansas

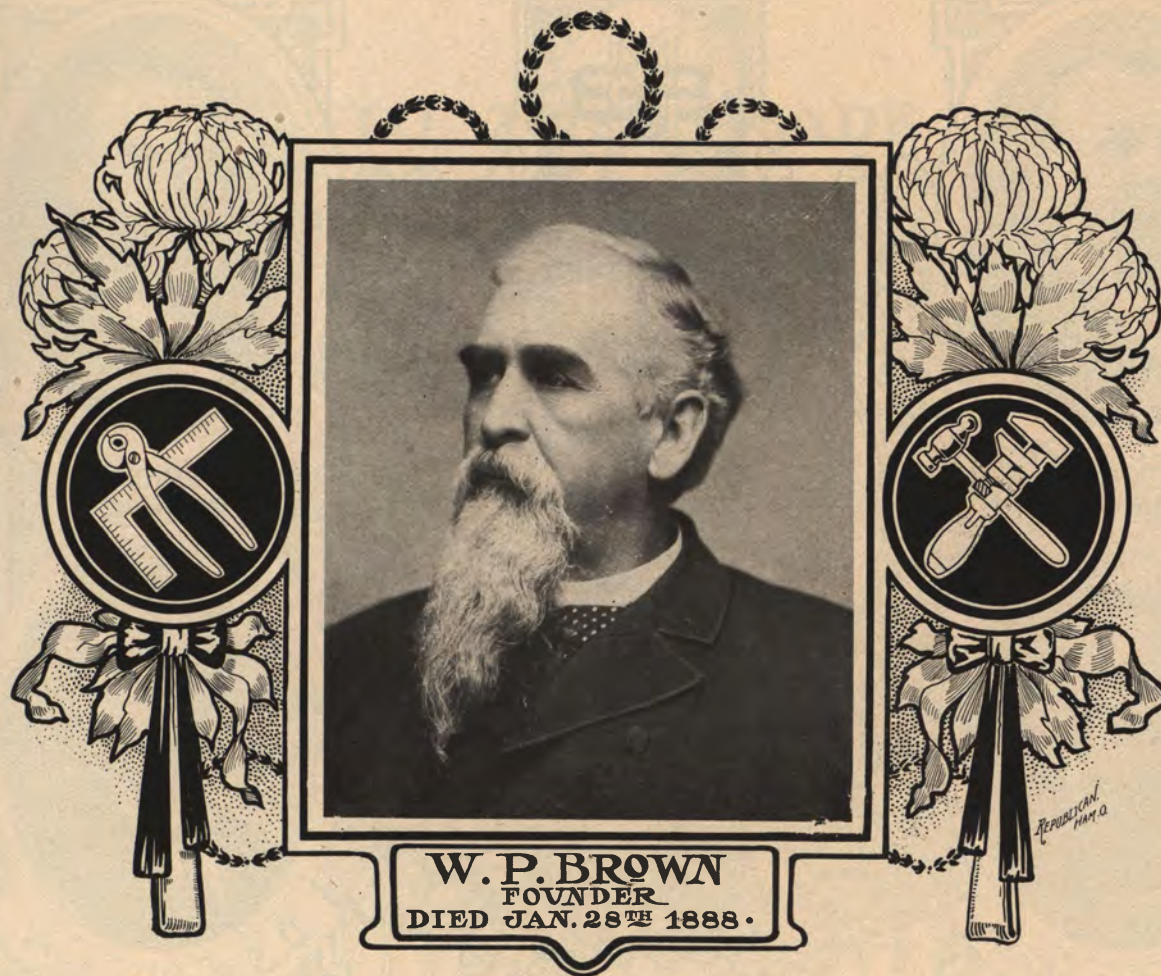
OMAHA, Nebraska
HARRISBURG, Pennsylvania
HAGERSTOWN, Maryland



BIRD'S-EYE VIEW OF PLANT OF
BROWN MANUFACTURING CO., ZANESVILLE, OHIO

Founder and
General Manager
1873-1888

Died
January 28th
1888





THE BROWN MANUFACTURING CO., Zanesville, Ohio, U. S. A.

TO THE TRADE

HERE is our catalogue in new dress and with a few new models of the Brown Line.

We shall not attempt to tell you how good we know the Brown Line to be—Old friends know it, new ones will find out for themselves.

In this present catalogue we have endeavored to show what we can do for those who want the best in Combined Riding, Walking and Tongueless Cultivators, with their various styles of Beams, Wood and Steel Frame Harrows, One-Horse, Five, Seven and Fourteen-Tooth Cultivators, Shovel Plows, Cotton Planters, Steel Shapes and so on.

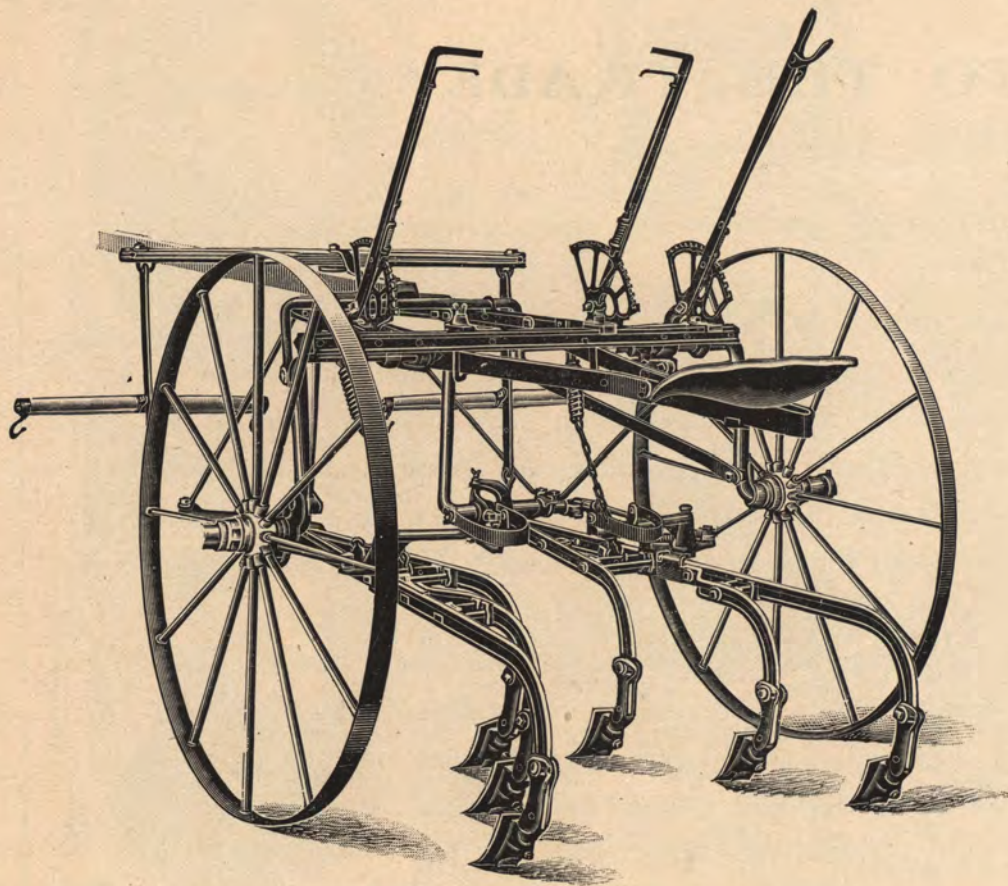
The Brown Line has always been able to talk for itself, hence we say little.

We do, however, want to thank old friends for their generous patronage, and hope, if you are not an old friend, that you may soon be a new one.

Yours very truly,

BROWN MANUFACTURING COMPANY,

Zanesville, Ohio, U. S. A.



No. 94 P

The Brown Pivot Beam Riding Cultivator

Patented March 22, 1904.

No. 94 P Six Beam Pin Trip
 No. 94 XP Six Beam Spring Trip
 No. 93 P Four Beam Pin Trip
 No. 93 XP Eight Beam Eagle Claw
 No. 97 P Four Beam Spring Trip
 No. 99 P Eight Shovel Spring Tooth

It is the neatest and most attractive cultivator made.

This Cultivator is in a class by itself. A forward pressure on the foot treadles attached to the beams shifts them in their lateral movement. In dodging crooked corn, a powerful leverage and a quick action is obtained. Beams work independent or yoked together. No neck weight. No flying up of tongue. Perfect balance lever. Distance between beams regulated instantly while on the seat. Penetration positive. Depth regulation perfect.

The Brown Pivot-Beam Riding Cultivator

Patented March 22, 1904

Foot Treadles attach to the Beams which connect with the sleeve arch in front, so that the forward pressure of the foot shifts the beams in their lateral movement.

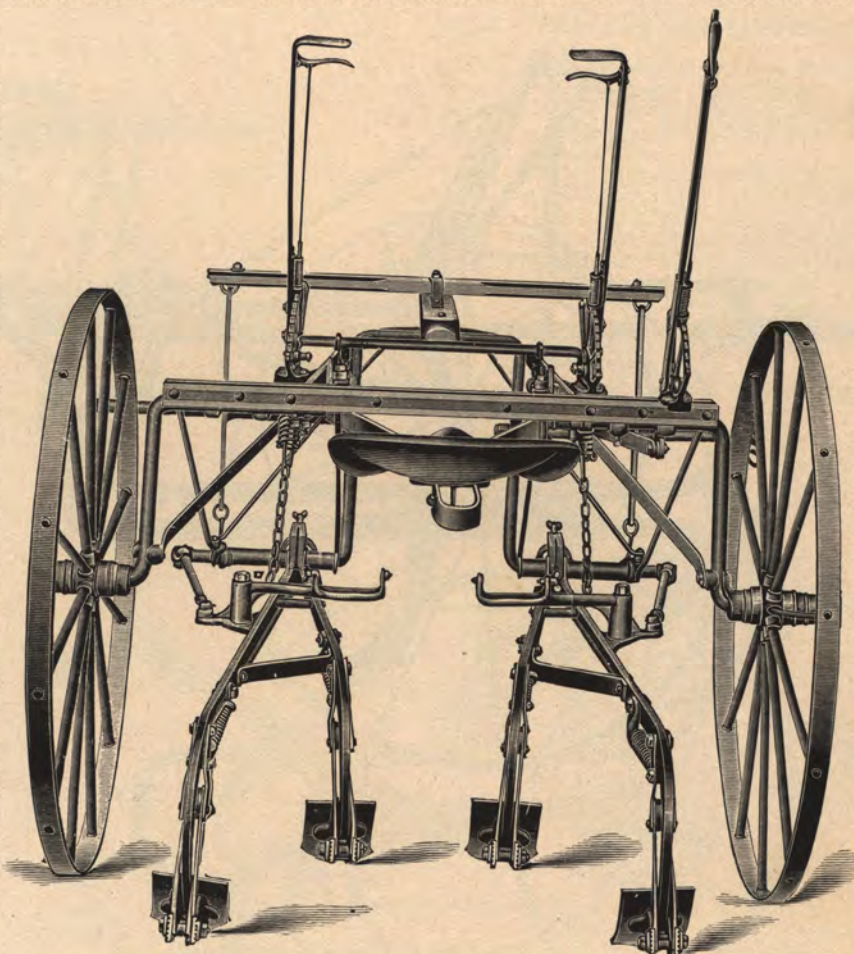
When the beams are yoked together with our unique *Adjustable Jockey Arch*, the forward motion of the operator's foot moves the beams in a like direction, and when used independently, a small coil spring on each beam is brought into action, so when pressing forward with the foot, the beams move away from the plant and *without any effort* on the part of the operator the *spring brings them back to the row.*

With this construction, *any desired penetration* is secured through *Brown's Patent Hitch* in connection with levers; and in addition, the operator has the advantage of pressing directly on the beam with the foot, thus enabling him to perfectly regulate the depth of plowing regardless of the irregularity of the soil.

The *power or leverage* through the agency of these foot treadles is *practically double* that of any other device and the action on the beams is not only *powerful* but the beams respond quickly to the pressure of the foot.

Distance between beams can be changed quickly without operator leaving the seat. Movable axles so that wheels can be adjusted to track any desired distance apart.

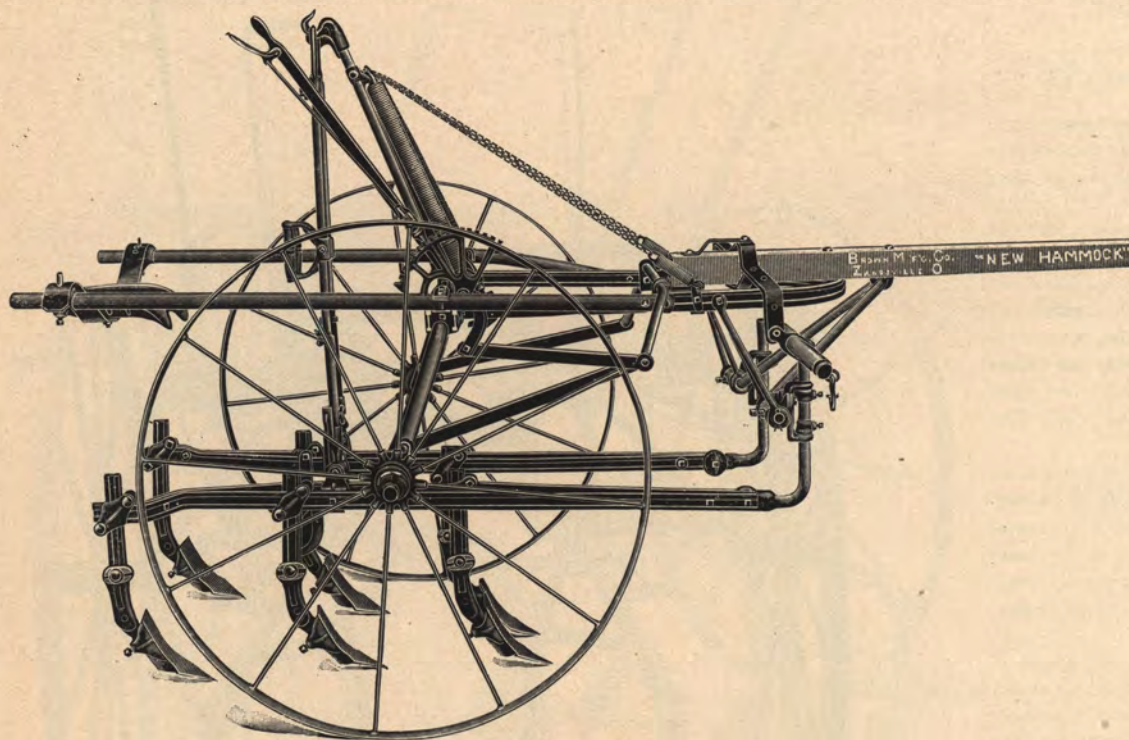
This cultivator is easily adjusted to balance with any weight of operator. *A test will prove it the best.*



No. 97 P.

Brown Hammock Seat Riding Cultivator

With Balance Lever



This Cultivator is equipped with either rigid or cone couplings. Regular Style has the latter, which allows no rocking of the gangs and compels all shovels to plow the same depth regardless of the position of the gangs.

It has every adjustment that is desirable and can be set to run perfectly true under any condition of the soil.

The frame can be balanced to suit a light or heavy weight operator.

In fact, it is the NEATEST, STRONGEST and BEST Hammock Seat Cultivator made. Furnished with the following equipments:

No. C New Style

No. C Six Shovel Steel Beam (per cut)
 No. CX Four Shovel Steel Beam
 No. D Six Shovel Wood Beam with Steel Shanks
 No. DX
 Four Shovel Wood Beam with Steel Shanks

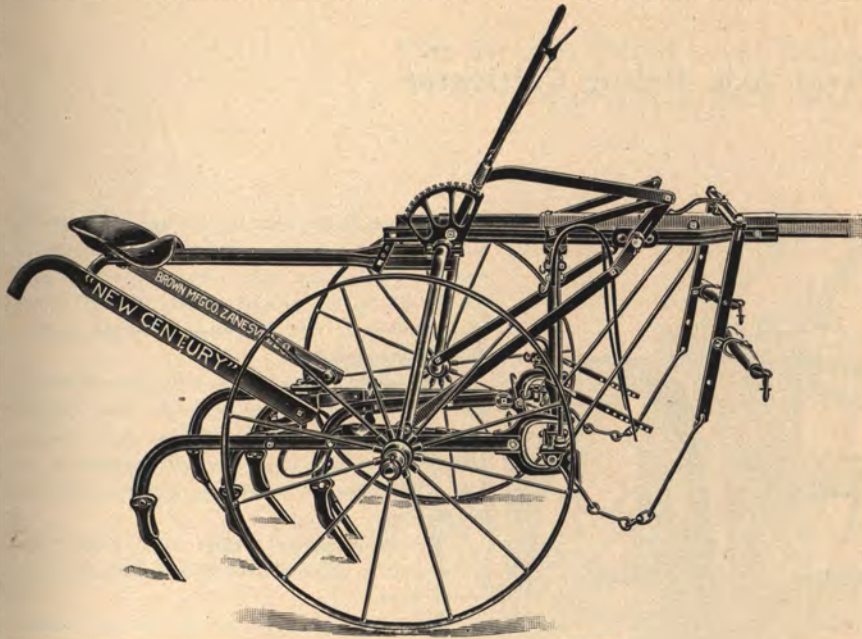
No. E Eight Shovel Eagle Claw Beams
 No. F Ten Shovel Spring Tooth Beams
 No. C 2 Four Shovel Steel Beam Spring Trip
 No. C 3 Six Shovel Steel Beam Spring Trip

The "New Century" Combined Riding and Walking Cultivator

The top illustration on this page shows the cultivator seat as a Rider and requires less than a half minute to change from a Riding to a Walking Cultivator, and can be changed from a Walker to a Rider in the same time.

The illustration below shows the machine as a Walker, and you will notice the parts to which the gangs fasten stand even with the spindles on which the wheels revolve. When set to be used as a Rider, as shown by top illustration, they stand considerably in advance of the spindles, and with the lever the two arches can be set any desired distance apart or even with each other, thus making a PERFECT BALANCE either as a Rider or Walker with any weight operator.

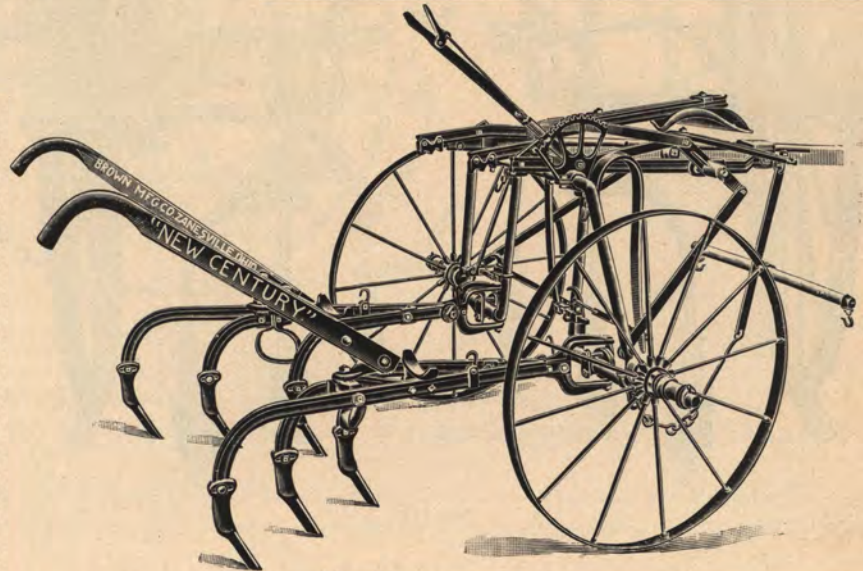
The only cultivator that is a perfect success both as a Rider and a Walker.



No. K1, as a Rider

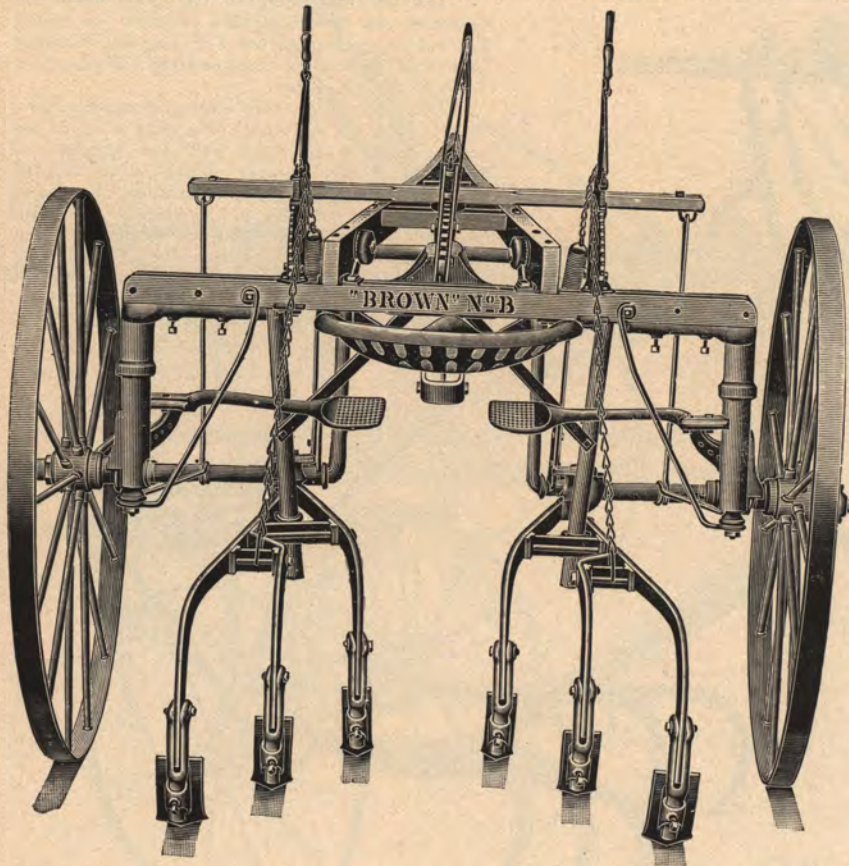
Furnished with the following equipments:

- No. K Four Beam Steel Pin Trip
- No. K 1 Six Beam Steel Pin Trip
- No. K 2 Four Beam Steel Spring Trip
- No. K 3 Six Beam Steel Spring Trip
- No. K 4 Four Beam Parallel Pin Trip
- No. K 5 Four Beam Parallel Spring Trip
- No. K 6 Eight Beam Eagle Claw



No. K1, as a Walker

The Brown Pivot Axle Riding Cultivator



No. B

All steel frame, neat and strong. Steel wheels with removable box in hub. Seat adjustable above and below the arch. Spring power to hold the shovels in the ground to any desired depth. Spring power to raise the gangs out of the ground. A child can operate it.

The beams are guided by foot pressure on the foot treadles connecting with the Pivot Axles, moving the wheels in the direction desired to go and no Pivot Axle Cultivator will respond to the will of the operator so quickly and easily as this machine.

The adjustment of beams to any desired distance apart is accomplished almost instantly by a center lever.

The shovels can be set to run any desired depth whether the ground be hard or soft and they will stay where set to run.

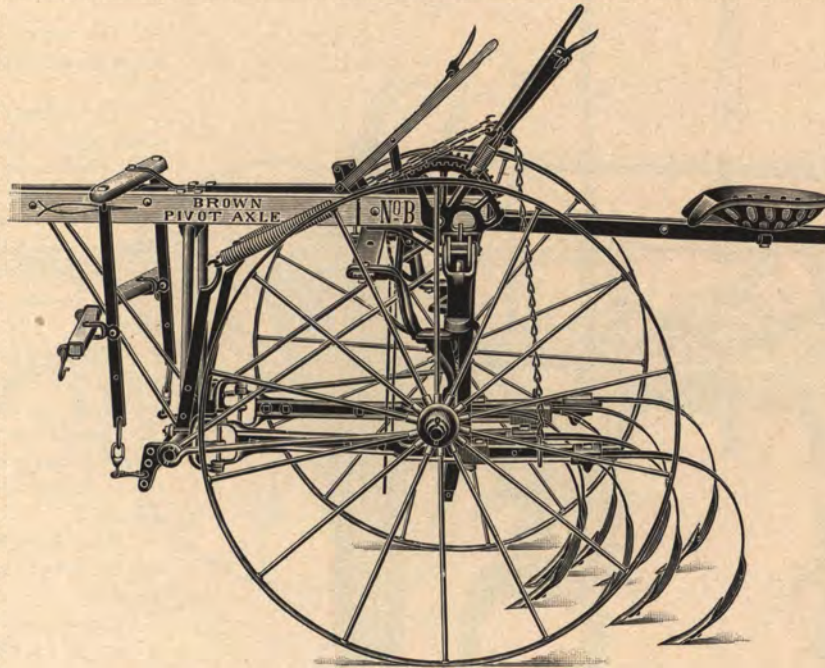
This cultivator is especially adapted to hilly or rolling ground and is equally as well adapted to level ground—beyond doubt the best Pivot Axle Cultivator made.

Equipped as follows:

- No. B.....Six Beam Pin Trip
- No. B 1.....Six Beam Spring Trip
- No. B X.....Eight Beam Pin Trip
- No. B 3..... Eight Shovel Eagle Claw Beams
- No. B 2.....Eight Shovel Spring Tooth Beams

(See cut page 11.)

The Brown Pivot Axle Riding Cultivator With Spring Tooth Gangs



No. B 2

The illustration gives a side view of the Brown Pivot Axle Riding Cultivator when equipped with Spring Tooth Gangs.

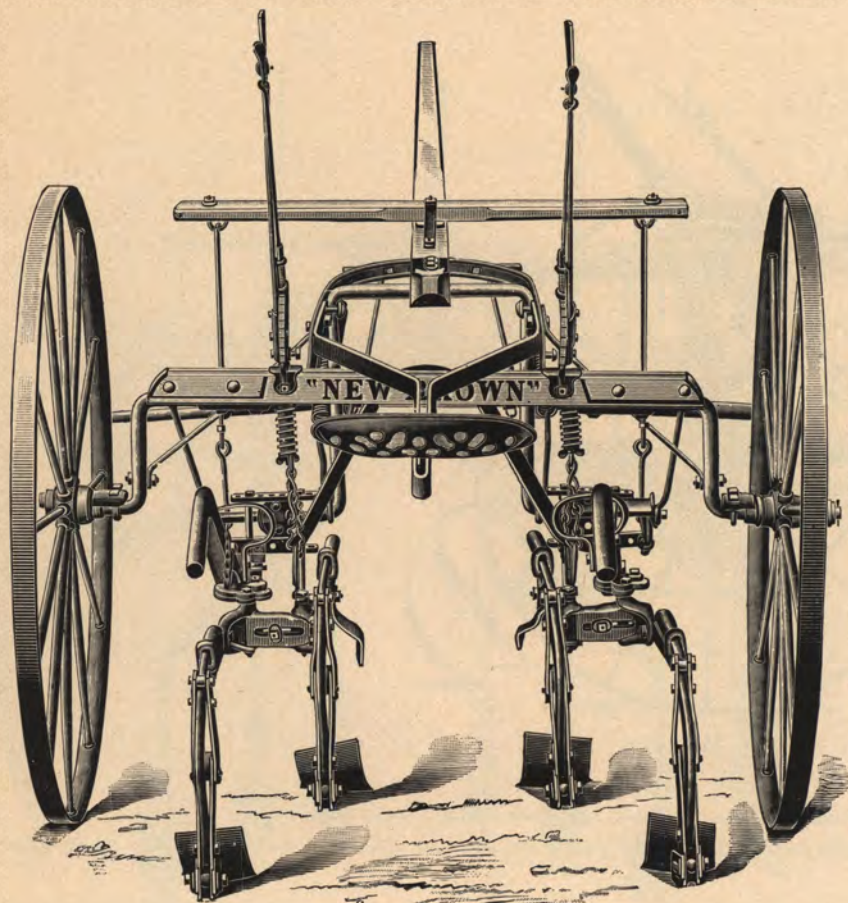
This cultivator is the same as that shown on opposite page, with the exception of the gangs, and all of the different styles of gangs made for this cultivator, as described on page 10, are interchangeable.

All gangs are furnished with our revolving ratchet couplings so that each plow can be set perfectly level or given some pitch to suit ridge planting.

The above view also gives a very good idea of our double acting spring, which assists in raising the plows out of the ground as well as holding them firmly to any given depth when set by the hand lever.

Texas New Brown Combined Riding and Walking Cultivator

With Parallel Spring Trip Beams and Dustproof Boxes



No. 98

The world's best Spring Trip with balance frame parallel beam, adjustable axle and adjustable seat.

The "Brown" Parallel Beam cultivators are made with double beams which combine more good features and are more easily operated than any other style of parallel beam made. Each beam draws its own shovel in a direct line and therefore avoids the strain to which other styles of parallel beams are subject and accounts for the superior results and the steady running of the Brown.

It has BROWN'S PATENT HITCH whereby the depth of plowing is regulated by the manner of attaching draft rods.

Shovels can be set to any desired pitch, also raised or lowered to plow on a ridge or in a deep furrow, to suit all requirements and conditions of ground.

The Brown Spring Trip is all its name implies and for rooty, stumpy or rough ground, has no equal.

Equipped as follows:

No. 98. . . . Parallel Beam Four Shovel Spring Trip

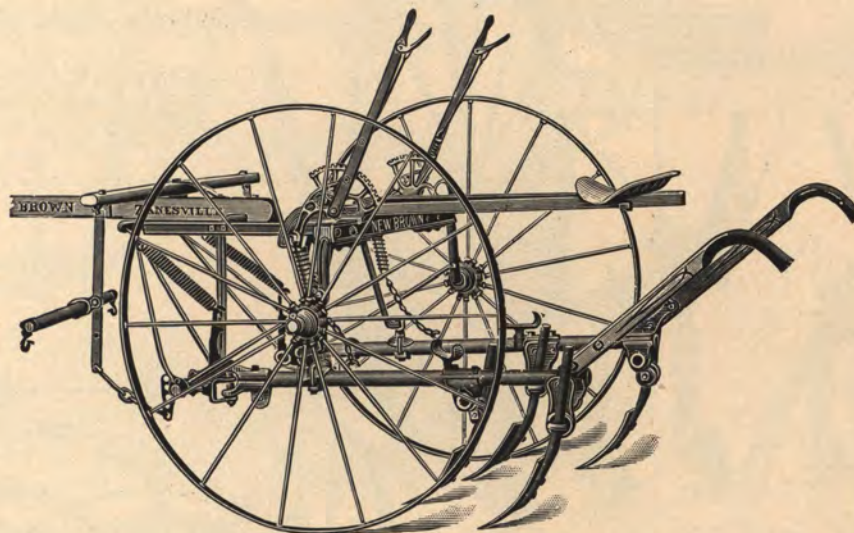
No. 95 X Parallel Beam Four Shovel Pin Trip

No. 98 X Pipe Beam Four Shovel with Friction

Clutch (see cut opposite page).

See cuts and descriptions of Texas Walking Cultivators, page 24.

Texas New Brown Combined Riding and Walking Cultivator With Pipe Beams and Dustproof Boxes



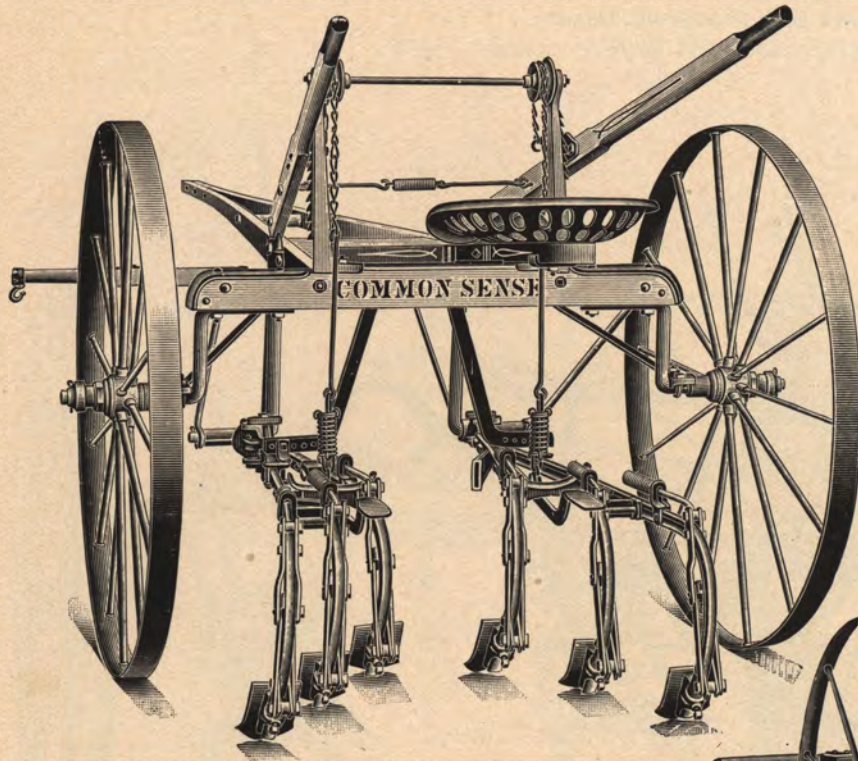
No. 98 X

Above cultivator is same as shown on opposite page except equipped with pipe rigid beams with friction clutch instead of parallel beams; otherwise it has all the advantages described on the opposite page, including adjustable axles and seat, staggered spoke wheels with removable boxes, Brown's Patent Hitch, etc.

The main frame and all wood parts are painted red and the gangs painted green; all nicely striped and varnished. The best finished cultivator on the market.

See cuts and descriptions of Texas Walking Cultivators, page 24.

No. 85 X



Common Sense Riding Cultivator
Furnished With Steel or Wood
Wheels, Wide or Narrow Tire

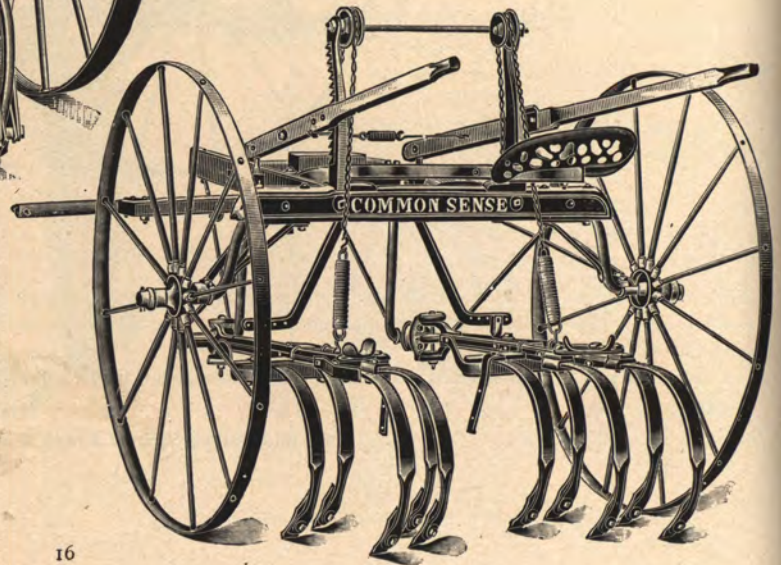
This is an exclusive Riding Cultivator, simple in construction, neat, yet strong and durable and very easy to operate. All frames and gangs interchangeable. Axles adjustable and can be set to balance with any weight operator. Foot lifts to raise gangs in turning at end of row.

Furnished With Steel or Wood Wheels, Wide or Narrow Tire

Equipped as follows:

No. 85 X	Six Beam Spring Trip
No. 85	Four Beam Spring Trip
No. 41	Six Beam Pin Trip
No. 40	Four Beam Pin Trip
No. 40 X	Eight Shovel Eagle Claw Beam
No. 45	Ten Shovel Spring Tooth Beam

No. 45



Gohn Surface Riding Cultivator

The Perfection of Surface
Cultivators



No. 92 B X

With Six Beam
Shovel Attachments,
Hammock Style

No. 92 X

With Round Blade Standard

It does not disturb the roots of the corn, which brings early maturity and a large yield.

It will leave the field cleaner in the fall than any other cultivator.

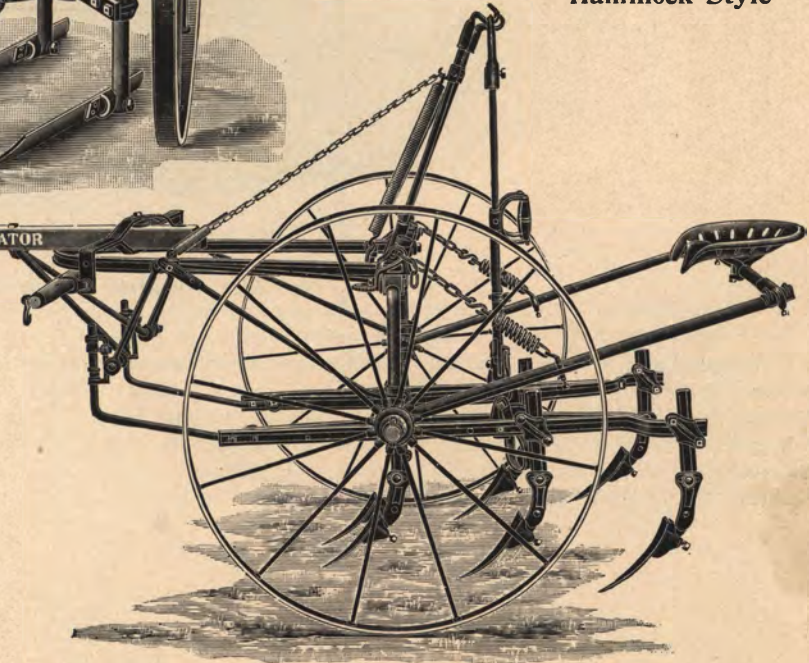
It is lighter draft than any other.

It is more easily guided, and any boy who can be trusted with horses can handle this machine with perfect ease.

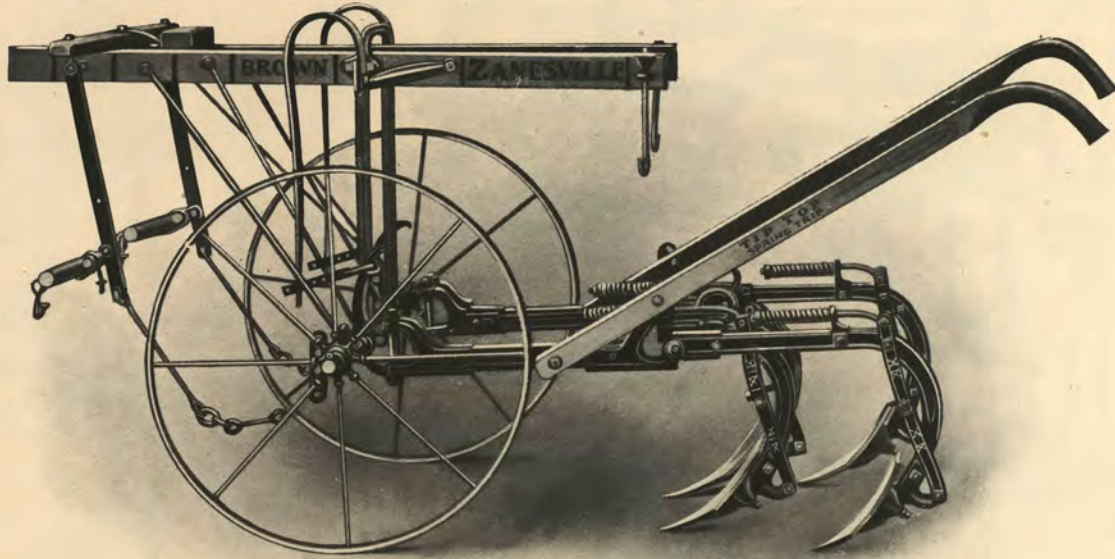
It has the most successful shields for cultivating small corn.

It will raise more corn to the acre than any other, hence will make you money to use it.

THE GOHN SURFACE RIDING CULTIVATOR



Genuine Brown Walking Cultivator



No. 24. Parallel Beam Spring Trip

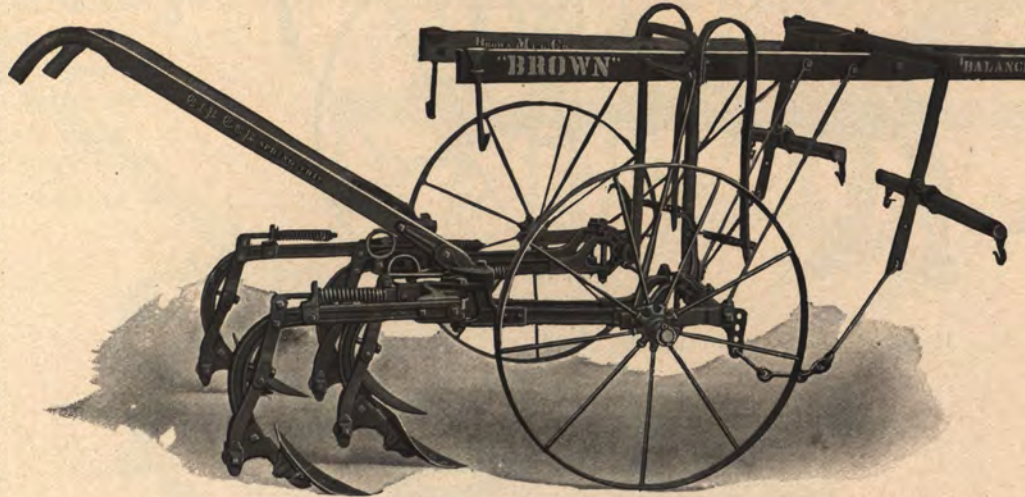
Equipped with Brown's Patent Hitch, double faced revolving couplings, and the best Spring Trip Attachment the world has ever known.

No. 24.....	Double Tongue Four Shovel Parallel Beam Spring Trip
No. 23.....	Single Tongue Four Shovel Parallel Beam Spring Trip
No. 25 X.....	Single Tongue Adjustable Arch Four Shovel Parallel Beam Spring Trip
No. 120.....	Single Tongue Six Shovel Parallel Beam Spring Trip
No. 121.....	Double Tongue Six Shovel Parallel Beam Spring Trip

Genuine Brown Balance Frame Walking Cultivator

This cultivator is noted for its balancing features. The spindles for the wheels being in the rear of the arch or axles to which gangs attach, counteract the leverage of the lifting spring, and prevent tongue from flying up or annoying the team when the gangs are hung up in turning at the end of the row or in transporting cultivator to and from the field.

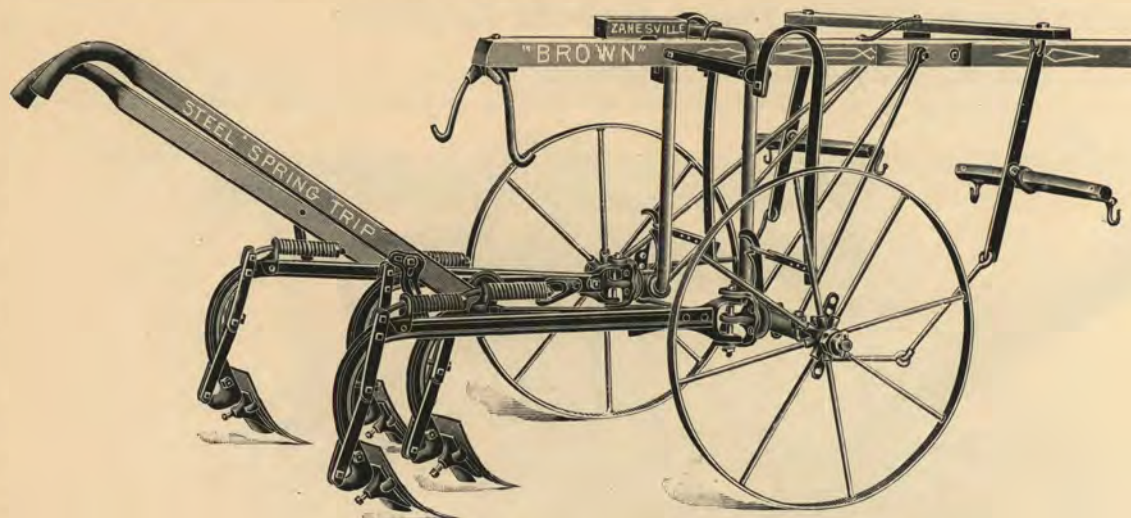
The gangs, couplings, lifting springs, etc., are the same as used in our regular double and single tongue cultivators, as shown on pages 20 and 22.



No. 24 X. Parallel Beam Spring Trip

No. 24 X.	Double Tongue Balance Frame Four Shovel Parallel Beam Spring Trip
No. 23 X.	Single Tongue Balance Frame Four Shovel Parallel Beam Spring Trip
No. 26 X.	Single Tongue Balance Frame Four Shovel Regular Steel Beam Spring Trip
No. 27 X.	Double Tongue Balance Frame Four Shovel Regular Steel Beam Spring Trip
No. 117 X.	Single Tongue Balance Frame Six Shovel Regular Steel Beam Spring Trip
No. 118 X.	Double Tongue Balance Frame Six Shovel Regular Steel Beam Spring Trip
No. 120 X.	Single Tongue Balance Frame Six Shovel Parallel Beam Spring Trip
No. 121 X.	Double Tongue Balance Frame Six Shovel Parallel Beam Spring Trip

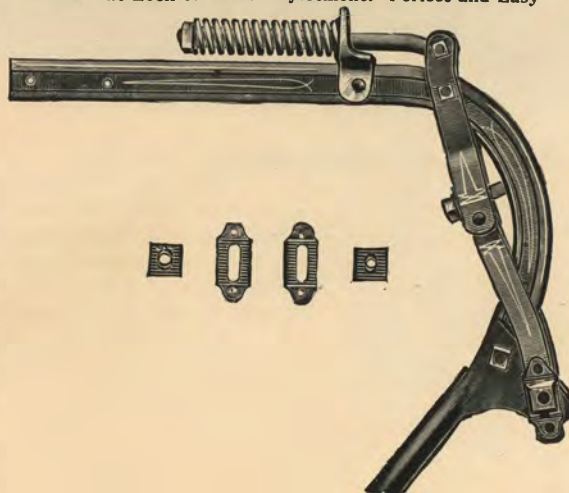
Genuine Brown Single Tongue Walking Cultivator



No. 26. Regular Steel Beam Spring Trip

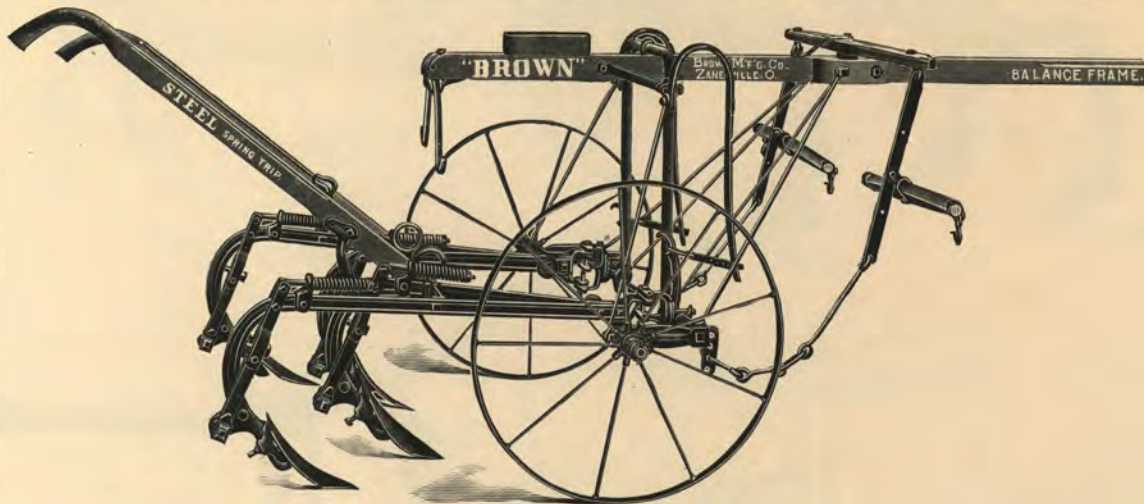
The Brown Adjustable Spring Trip

With Nut Lock to Make Adjustment. Perfect and Easy



Used on all Genuine Brown Riding,
Walking and Tongueless Spring Trip
Cultivators.

Genuine Brown Single Tongue Balance Frame Walking Cultivator



No. 26X. Regular Steel Spring Trip

Extra holes in head of plow beams to prevent the plows from crowding together or running sideways. Also keeps the shovels to their proper set.

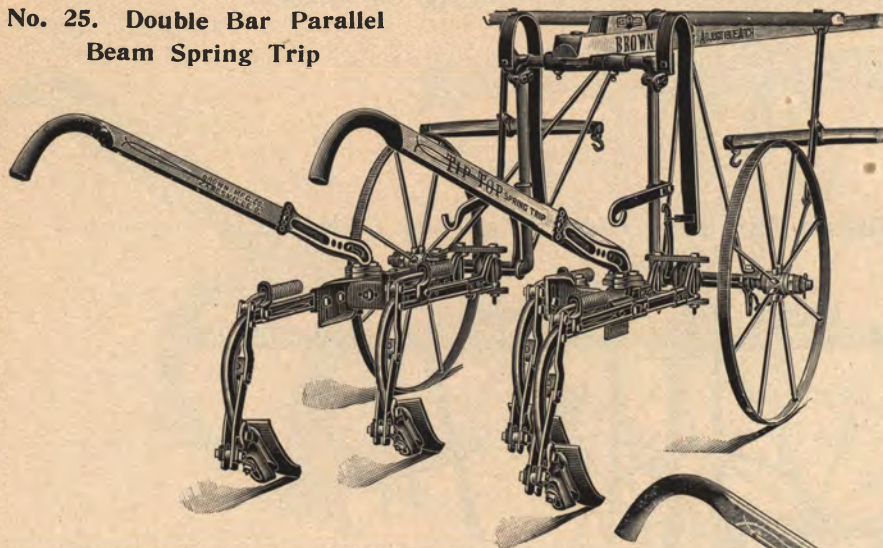
Expansion crossbar between beams to widen and narrow the plows to suit the shovels and the varied widths of planting.

Adjustable shovel backs to allow to shift so it will hill equal to a moldboard when desired.

Brown's Patent Depth Regulator to cultivate deep or shallow.

Brown's Adjustable Spring Trip with nut lock.

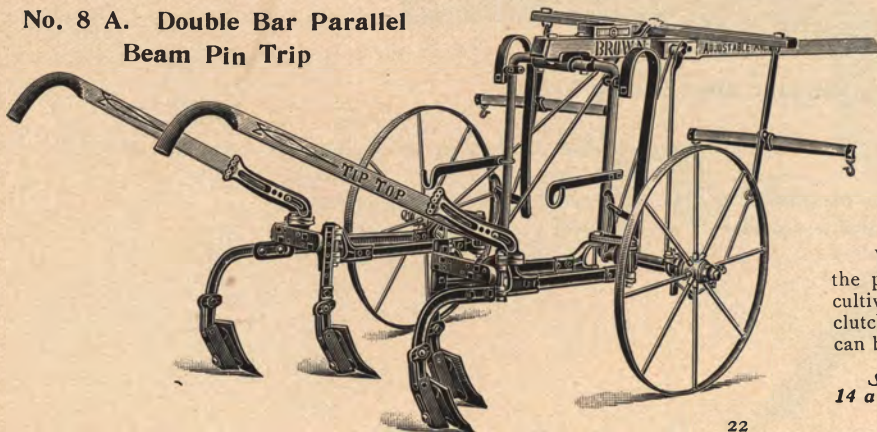
**No. 25. Double Bar Parallel
Beam Spring Trip**



Revolving couplings so the gangs may either set level or on a pitch.

Shanks adjustable up and down for plowing on a ridge or in deep furrow.

**No. 8 A. Double Bar Parallel
Beam Pin Trip**

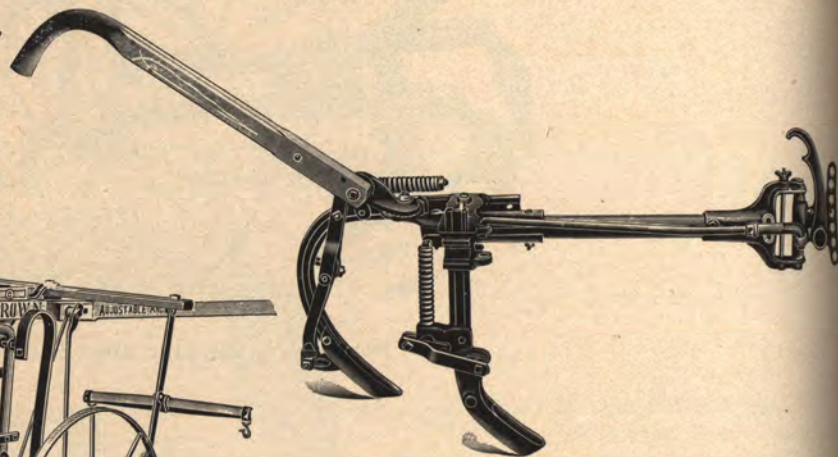


Texas "Brown" Walking Cultivators

Adjustable Arch. Adjustable as to distance between shovels.

Adjustable Spring Trip to set shovels any desired pitch.

Open feet so any kind of a plow can be attached.

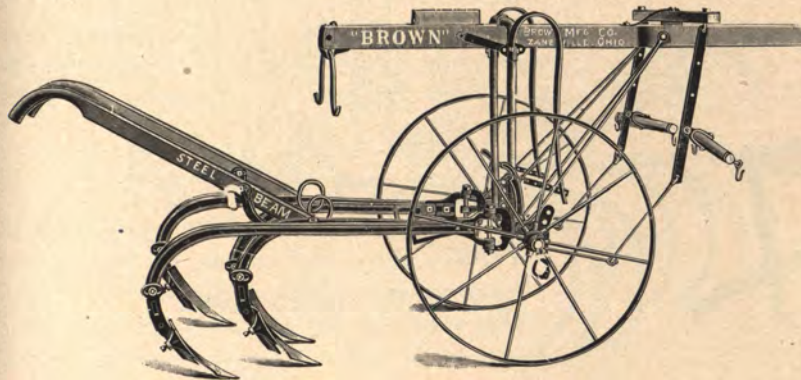


Pipe Parallel Beam With Cone Couplings

We furnish both the Texas Riding and Walking Cultivator with the pipe parallel beam, as shown above. We also furnish these cultivators with the rigid pipe beam, both spring trip and friction clutch. The bearings on these beams are all made so that any wear can be taken up and all joints kept perfectly tight.

See cuts and description of Texas Riding Cultivator pages 14 and 15.

Genuine Brown Walking Cultivators



No. 2. Regular Steel Beam Pin Trip

Regular Steel Beam

No. 2 Single Tongue Four Beam Pin Trip

No. 1 Double Tongue Four Beam Pin Trip

Parallel Beam

No. 13 Double Tongue Four Shovel Parallel Beam with No. 302 Crosshead.

No. 13 X Double Tongue Four Shovel Parallel Beam with Steel Plate Crosshead.

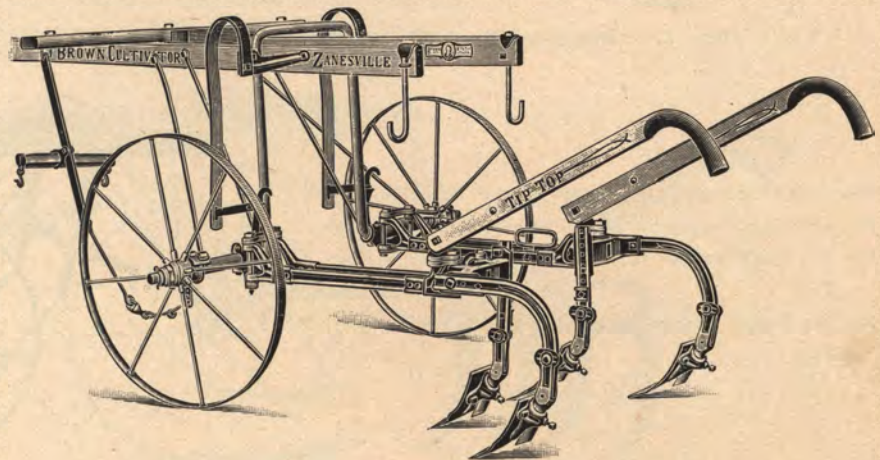
No. 8 Single Tongue Four Shovel Parallel Beam with No. 302 Crosshead.

No. 8 X Single Tongue Four Shovel Parallel Beam with Steel Plate Crosshead.

Our regular steel beam cultivator is equipped with revolving couplings, Brown's Patent Hitch and draft flange, which insures proper set to beam and secures any desired depth of plowing.

The Brown parallel beam having two separate bars, each beam draws its own shovel and is not affected by a change of draft or size of shovel. Equipped with revolving or double faced couplings to set plows plump or to a pitch.

These cultivators furnished regularly with steel wheels, nine spoke, 1½-inch tire, with removable box, four regular shovels, two bull tongues and one pair of shields.

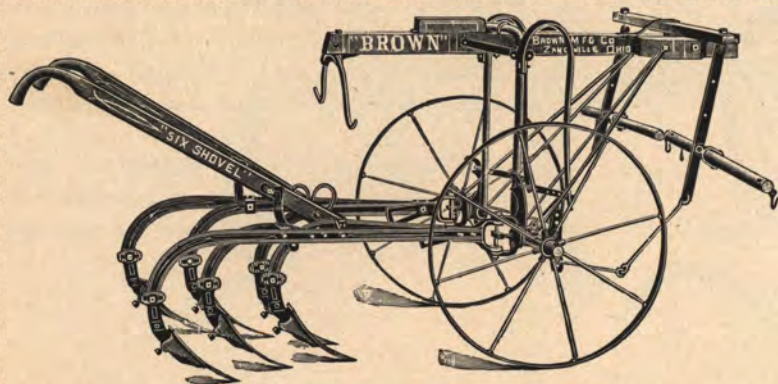


No. 13. Parallel Beam Pin Trip

Genuine Brown Six Beam Walking Cultivators

Equipments:

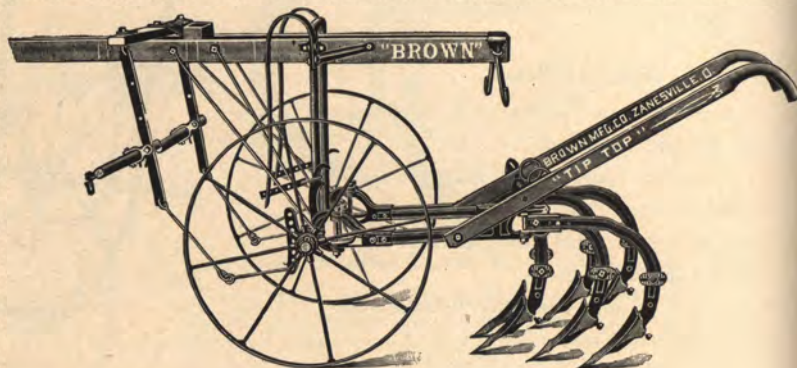
No. 17.....	Single Tongue Six Shovel Regular Steel Beam Pin Trip
No. 18.....	Double Tongue Six Shovel Regular Steel Beam Pin Trip
No. 117.....	Single Tongue Six Shovel Regular Steel Beam Spring Trip
No. 118.....	Double Tongue Six Shovel Regular Steel Beam Spring Trip



No. 17. Regular Steel Beam Pin Trip

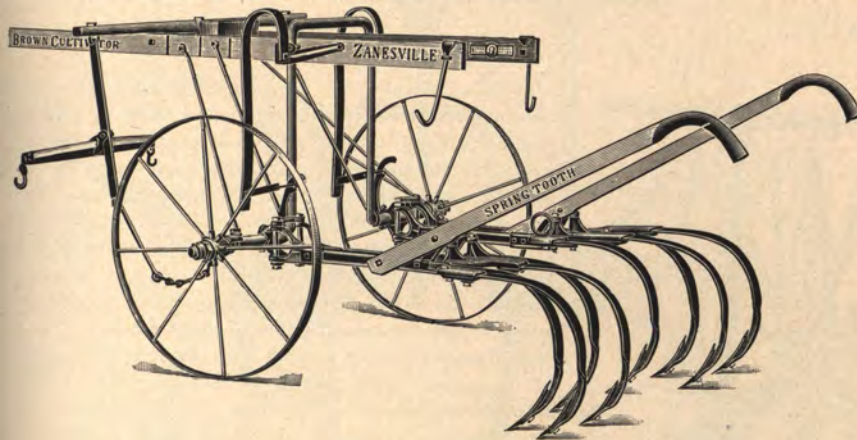
The demand for a Six Shovel Cultivator is the result of a better condition of the ground, and being adapted to cultivating corn as well as plowing fallow ground, seeding wheat, oats, and other small grain, makes it a very desirable tool. We make both regular steel and parallel beam as shown by cuts on this page.

- No. 16 Double Tongue Six Shovel Parallel Beam Pin Trip
- No. 15 Single Tongue Six Shovel Parallel Beam Pin Trip
- No. 120 Single Tongue Six Shovel Parallel Beam Spring Trip
- No. 121 Double Tongue Six Shovel Parallel Beam Spring Trip



No. 16. Parallel Beam Pin Trip

Genuine Brown Eight Beam Walking Cultivators

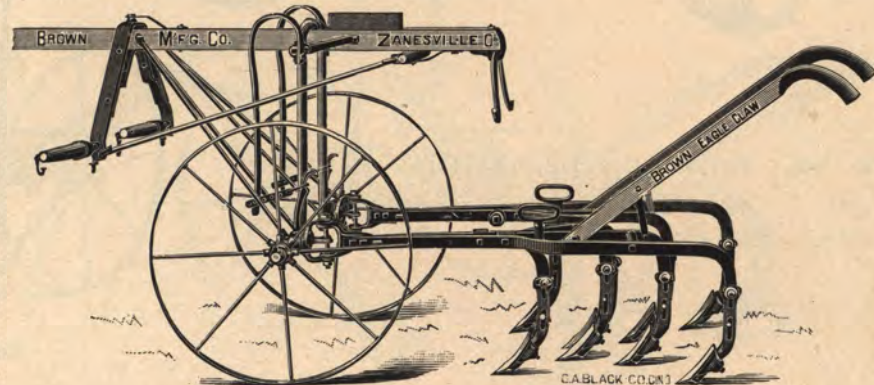


These cultivators are specially adapted to level or shallow cultivation and rank as leaders in their class.

No. 21 X. Zigzag Spring Tooth

Equipments:

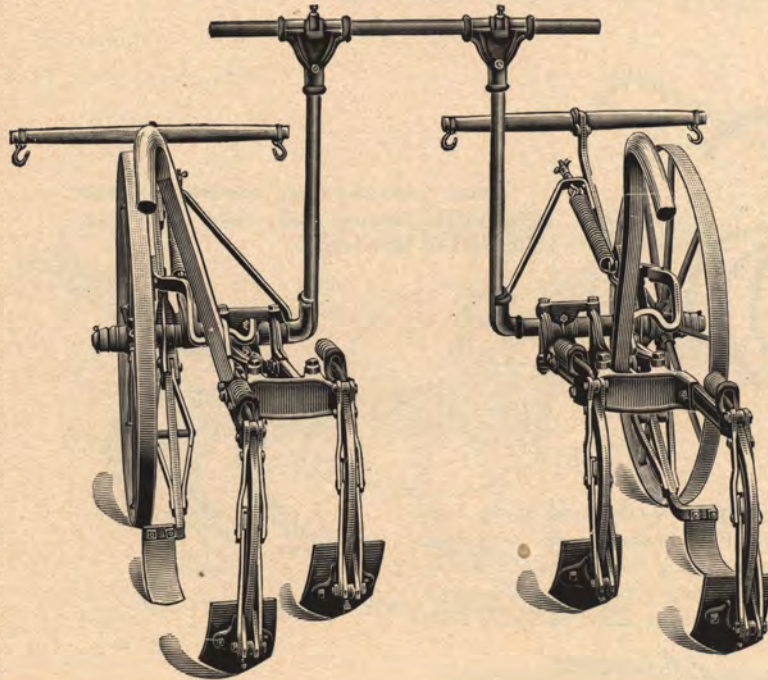
- No. 21 X Double Tongue Eight Shovel Zigzag Spring Tooth
- No. 19 X Single Tongue Eight Shovel Zigzag Spring Tooth
- No. 19 Single Tongue Diagonal Spring Tooth (Wood Crosshead)
- No. 21 Double Tongue Diagonal Spring Tooth (Wood Crosshead)
- No. 76 Single Tongue Adjustable Arch Star Spring Tooth



- No. 2 E Single Tongue Eight Beam Eagle Claw with Double Evener
- No. 1 X Double Tongue Eight Beam Eagle Claw with Brown Patent Hitch
- No. 2 X ... Single Tongue Eight Beam Eagle Claw with Brown Patent Hitch

No. 2 E. Eagle Claw

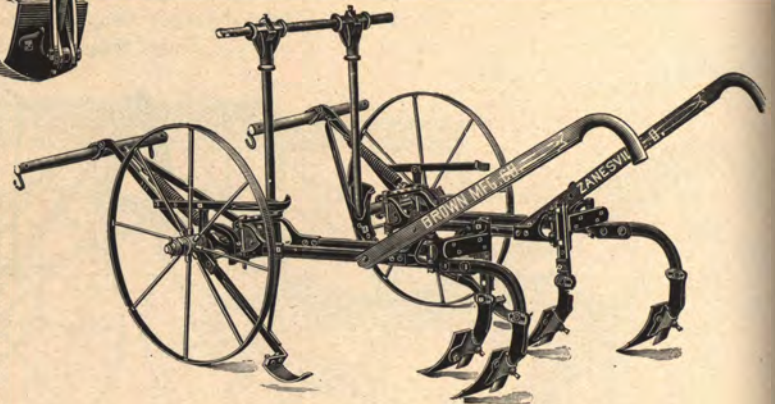
Brown Adjustable Arch Tongueless Cultivator



This Cultivator has an adjustable arch made of fine finished round bar steel of sufficient carbon to give it the greatest strength for the place it is peculiarly adapted. It has a flexible movement compelling each horse to pull his own load, at the same time not destroying the line of draft or line of work while the arch is held in an upright position. It has lifting springs conveniently arranged on the draft bars, and will not only sustain the weight of gangs in plowing, but if conditions of the ground require, it can be adjusted to either depress or raise them while in the ground. The hitch is so arranged that the draft of the team raises the drag shoe off the ground while moving forward, and the hangers so arranged that by raising the beams to strike them at a certain place, the drag shoes are raised and permit cultivator to be pulled backward by the operator with as much ease as a tongueless without springs.

No. 148. Parallel Beam Spring Trip

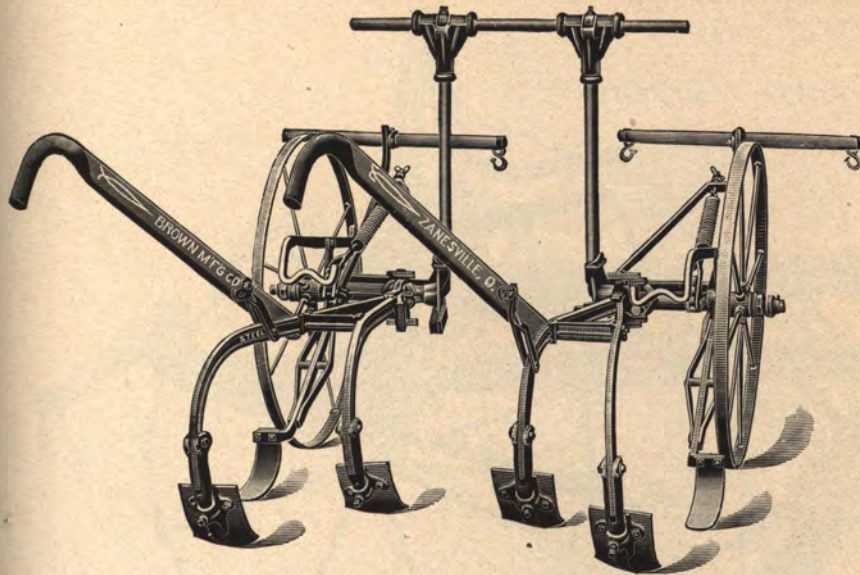
No. 148 Four Shovel Parallel Beam Spring Trip
 No. 80 X Eight Shovel Parallel Beam Spring Tooth



No. 48 X. Parallel Beam Pin Trip

No. 48 X Four Shovel Parallel Beam Pin Trip
 No. 77 X Six Shovel Parallel Beam Pin Trip

Brown Adjustable Arch Tongueless Cultivator



No. 14 X. Regular Steel Beam Pin Trip

With Regular Steel Beam, Spring Trip, Pin Trip and Eagle Claw.

No. 14 X Four Shovel Regular Steel Beam Pin Trip.

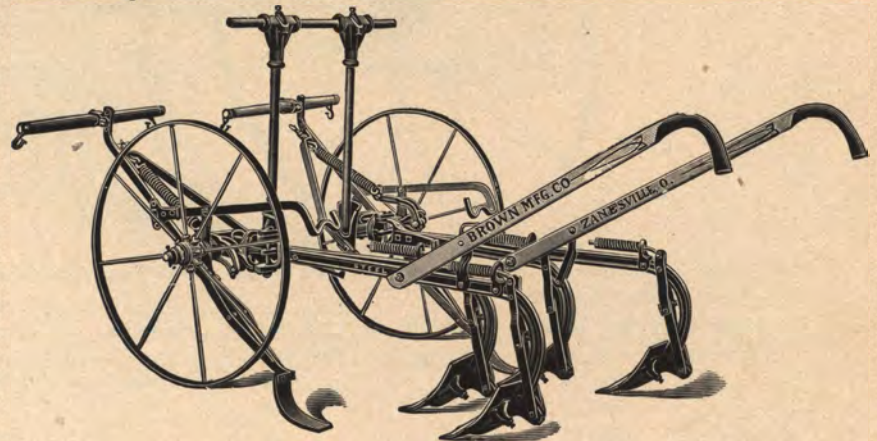
No. 77 Six Shovel Regular Steel Beam Pin Trip.

No. 47 X Four Shovel Wood Beam with Steel Standards.

No. 75 Eight Shovel Eagle Claw Steel Beam Pin Trip.

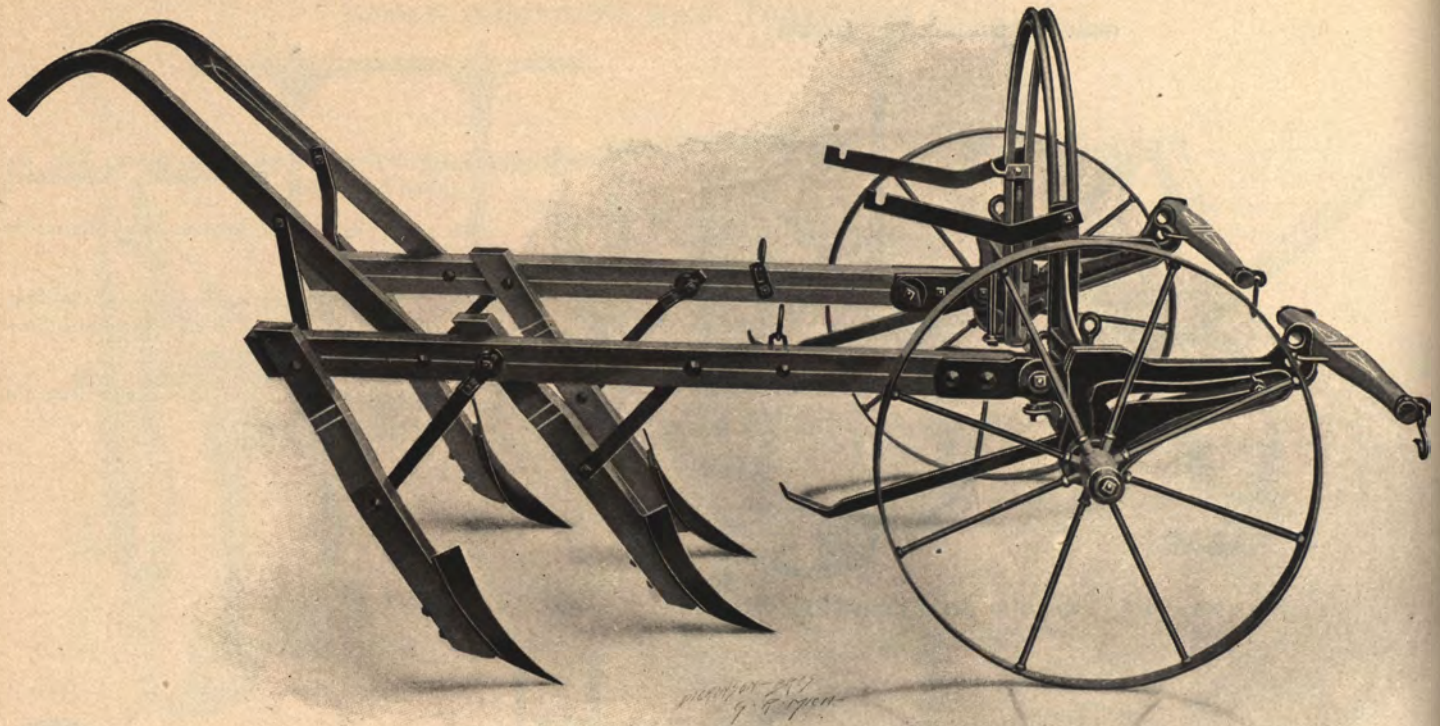
No. 114 Four Shovel Regular Steel Beam Spring Trip.

No. 114 X Six Shovel Regular Steel Beam Spring Trip.



No. 114. Regular Steel Beam Spring Trip

“Blue Grass” Tongueless Cultivator



No. 52

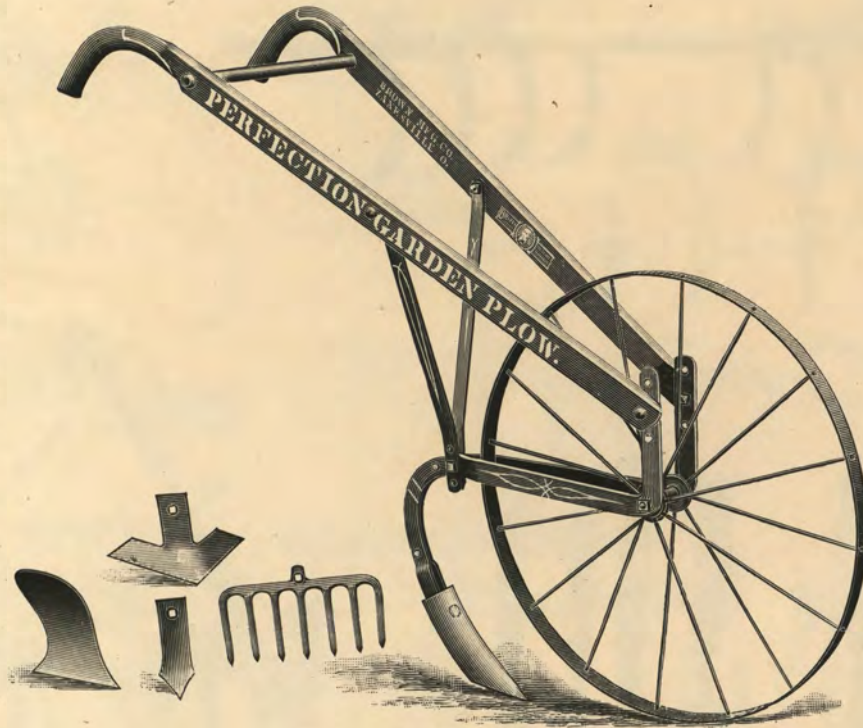
There is nothing made in the way of a moderate priced cultivator that equals this for simplicity and thorough work.
Nicely finished throughout.

Shovels and Bull Tongues made of the very best steel.

You will make no mistake in buying the “Blue Grass.”

- No. 52 Four Shovel Wood Beam with Wood Standards Pin Trip (See illustration)
- No. 51 Four Shovel Regular Steel Beam Pin Trip
- No. 53 Four Shovel Regular Steel Beam Spring Trip

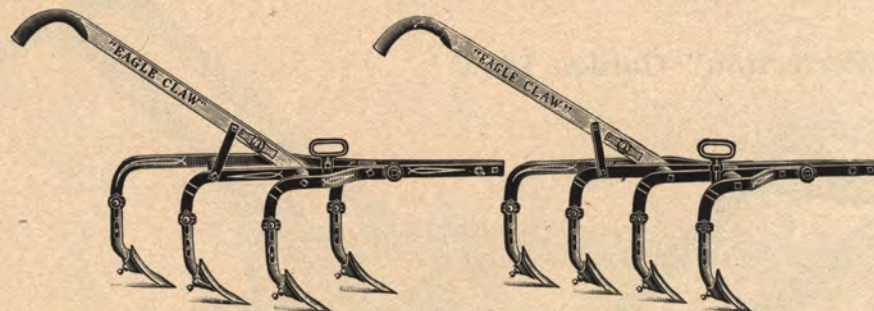
"Perfection" Garden Plow



Hand plows are practically indispensable as they minimize the labor in growing garden crops.

The "Perfection" is equipped with high wheel, with handles so placed that the least pressure is required to propel same, making it light in draft. It has solid steel beams and is fitted up with shovel, calf tongue, hiller, rake and weeder. A thoroughly first class tool built for service.

Eagle Claw and Spring Tooth Attachments



ZIG ZAG.

DIAGONAL.

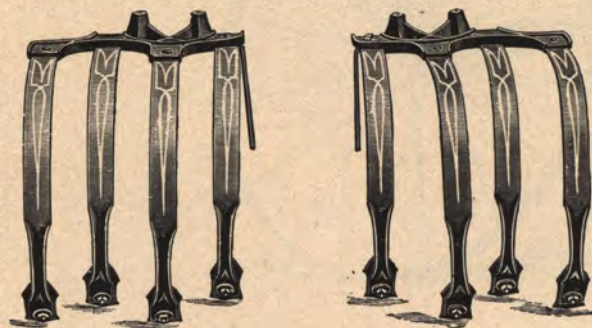
"Brown" Eagle Claws



No. 51

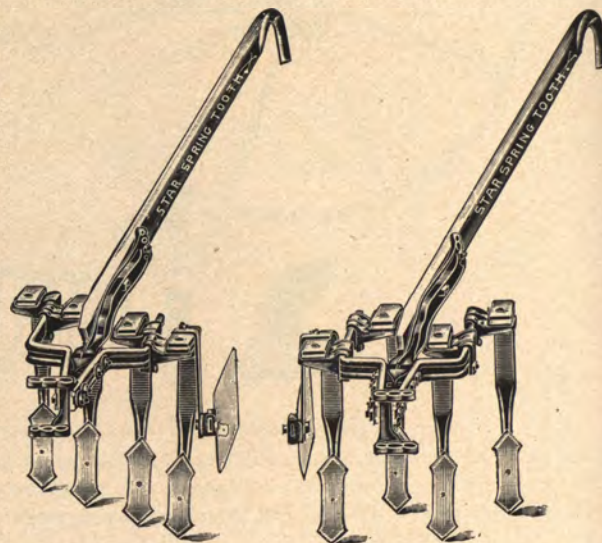
Diagonal

Spring Tooth Attachments for Tip
Top Parallel Beam



No. 51 X

Zigzag Spring Tooth Attachments
For Tip Top Parallel Beam

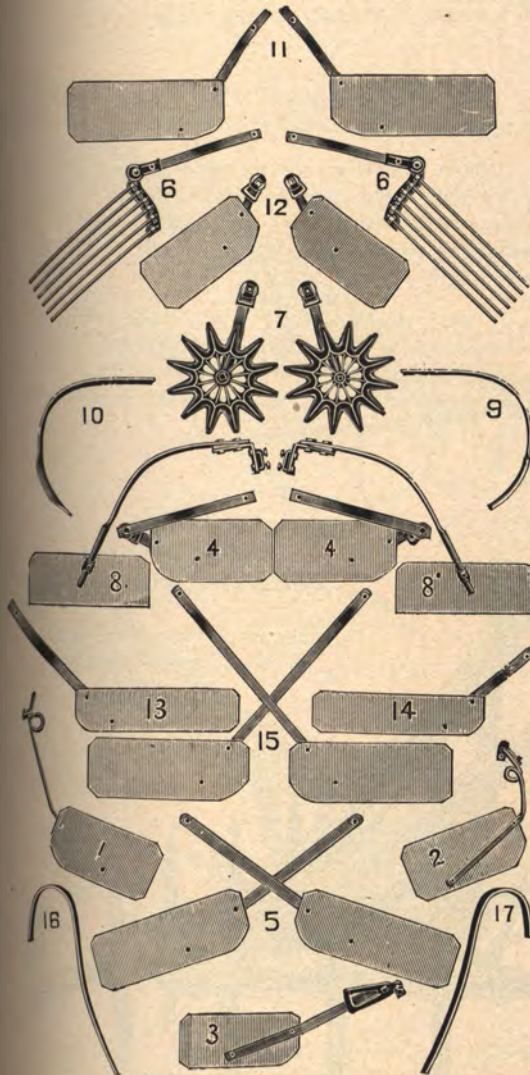


TEETH SET IN STRAIGHT LINE.

TEETH SET ZIG ZAG.

Star Spring Tooth Gangs

Equipments



- 1—Fenders for Steel Beam D. S. Plow.
- 2—Fenders for Wood Beam D. S. Plow with Steel Shanks.
- 3—Fenders for Wood Beam D. S. Plow with Wood Shanks.
- 4—Fenders for Parallel Beam with Break Pin.
- 5—Fenders for Regular Steel Beam, Break Pin and Spring Trip.
- 6—Rod Fenders for Eagle Claws or Regular Steel Beam.
- 7—Star or Rolling Fenders.

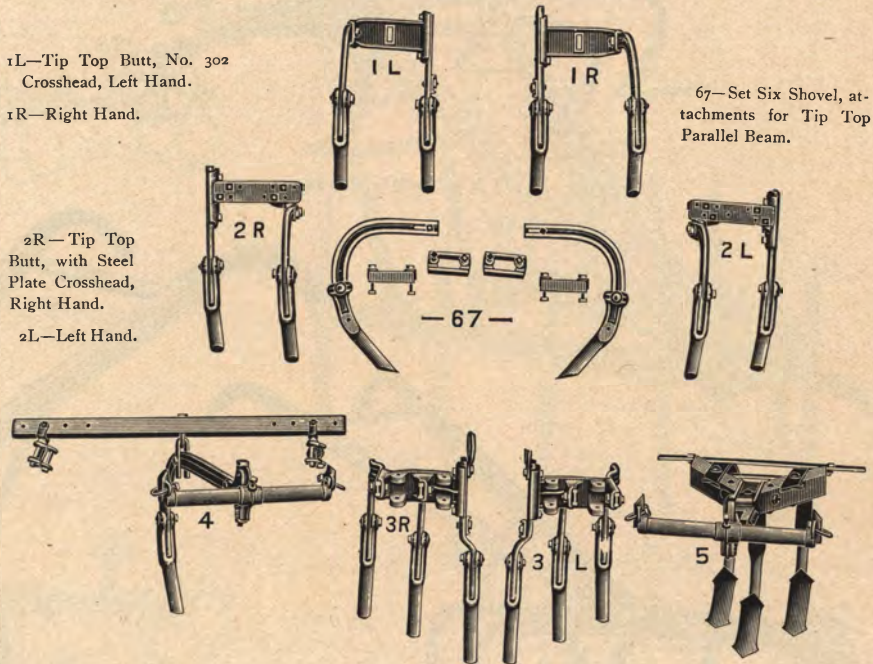
- 8—Levelers for Surface Cultivator.
- 9—Spring Tooth with Round Shank.
- 10—Spring Tooth with Crimped Shank.
- 11—Fenders for Eagle Claw Beams.
- 12—Fenders for Spring Trip Parallel Beam and Spring Tooth Beam.
- 13—Fenders for Surface Riding Cultivator.
- 14—Fenders for Surface Walking Cultivator.
- 15—Fenders for Handy Brown Rider.
- 16—Flat Lifting Spring (light).
- 17—Flat Lifting Spring (heavy).

1L—Tip Top Butt, No. 302
Crosshead, Left Hand.

1R—Right Hand.

2R—Tip Top
Butt, with Steel
Plate Crosshead,
Right Hand.

2L—Left Hand.



67—Set Six Shovel, at-
tachments for Tip Top
Parallel Beam.

4—Center Shovel At-
tachments.

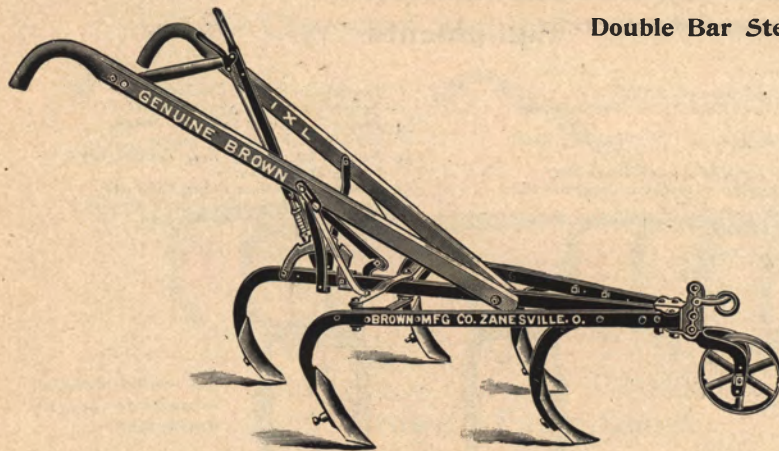
3R—Tip Top Butt,
with No. 302 Crosshead,
for six beam.

5—Center Shovel At-
tachments.

3L—Tip Top Butt
with No. 302 Crosshead,
for six beam.

Genuine Brown I X L Five-Tooth Cultivators

Double Bar Steel Frame

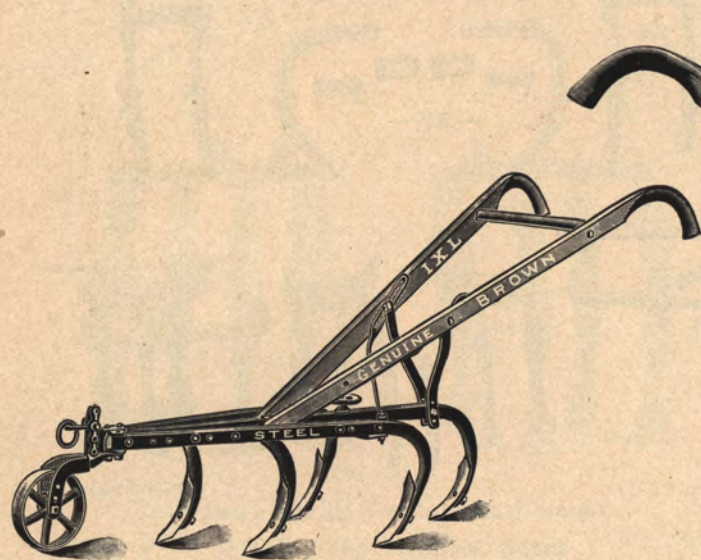


No. 2. I X L with Lever

Gauge Wheels, Horse Hoe Attachments, Bull Tongues and Hillers furnished when ordered.

These Cultivators are regularly sent out with five double point blades 3 inches wide by $\frac{3}{8}$ inch thick with socket and set screw on two blades, to fit adjustable round shanks, and three blades with bolts only to fit square shanks.

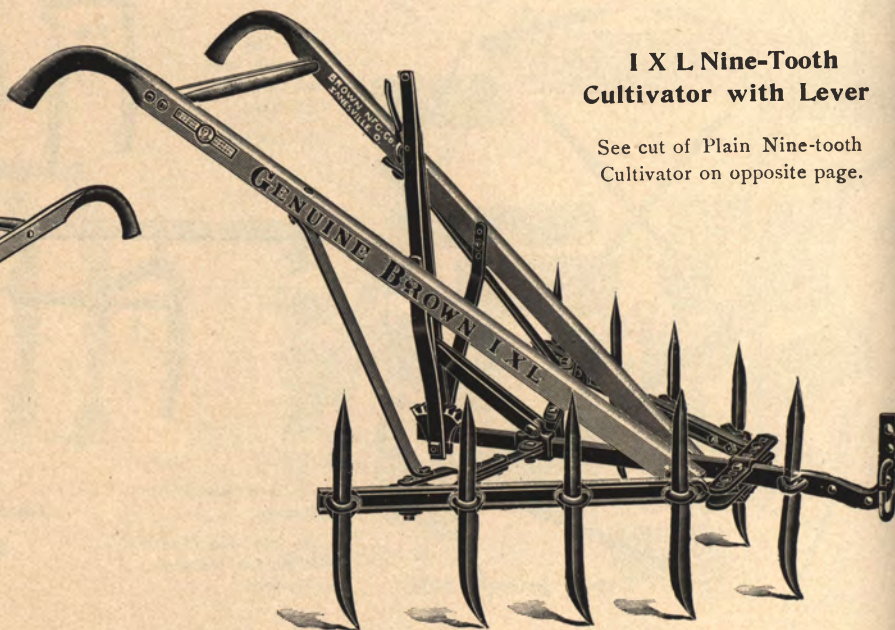
These Cultivators have the two outside shanks made round for the use of two blades with socket and set screw, so shovels can be set or shifted around on the shanks in any desired position to throw dirt either to or from the plant.



No. 1. I X L, Plain

I X L Nine-Tooth Cultivator with Lever

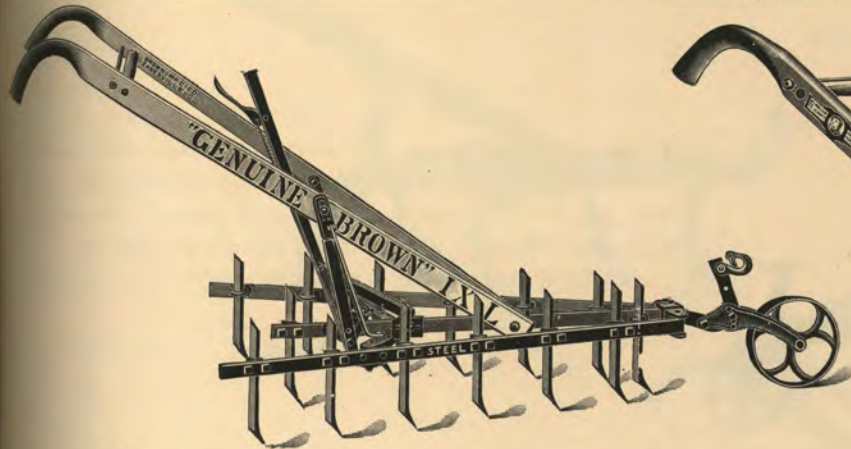
See cut of Plain Nine-tooth Cultivator on opposite page.



See cuts and description of extra parts on page 37

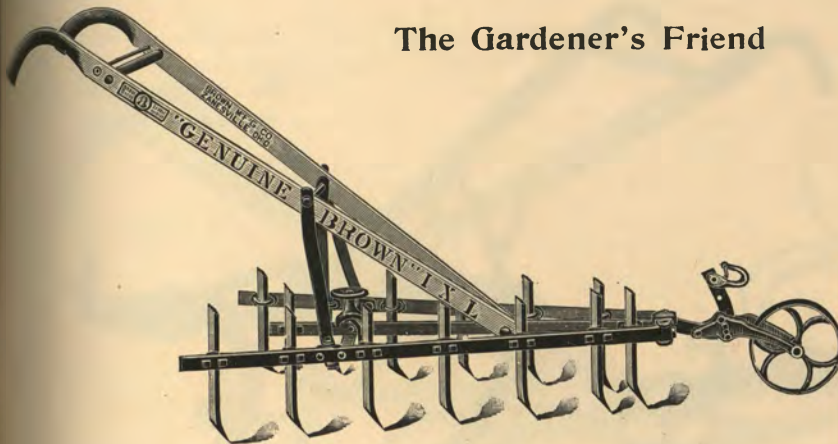
Genuine Brown IXL Nine and Fourteen-Tooth Cultivators

Single Bar Steel Frame

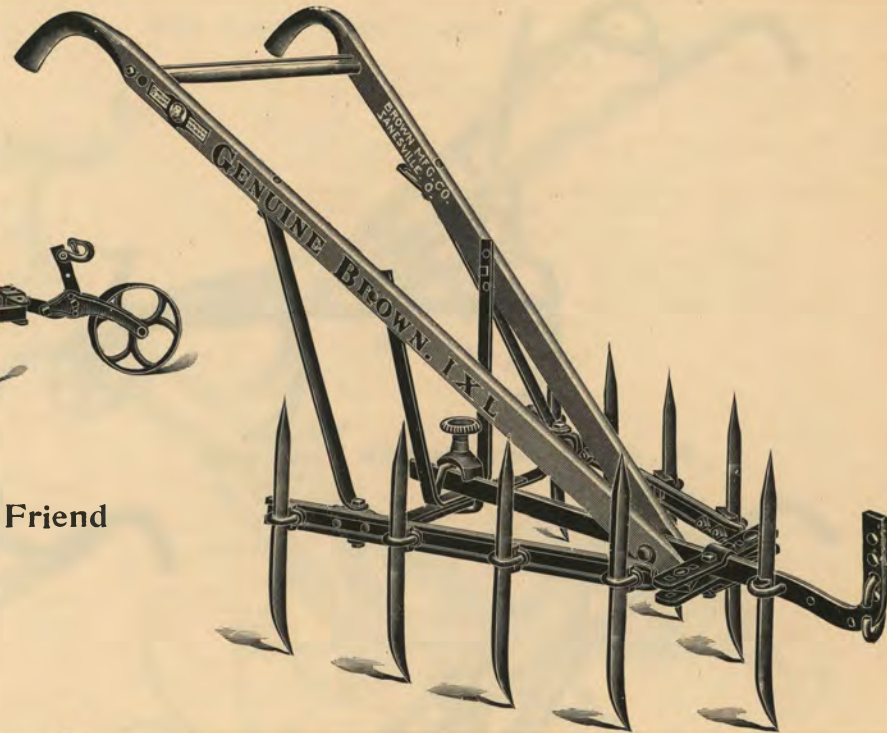


No. 5. IXL with Lever

The Gardener's Friend



The teeth are adjustable up and down and can be set slanting either forward or back. Also have extra side braces extending from frame to handle which makes them very substantial and easy to handle. These cultivators are furnished regularly without the wheel, and gauge wheels are sent only when specially ordered.



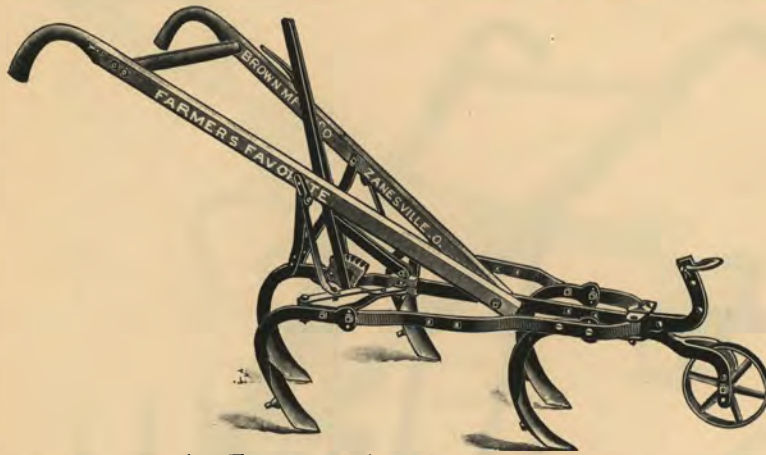
IXL Nine-Tooth Cultivator

This tool is the very thing for the cultivation of all crops where it is desirable to thoroughly pulverize the soil and work close to the plant.

No. 4. IXL, Plain

“Farmers’ Favorite” Five-Tooth Cultivator

Single Bar Steel Frame



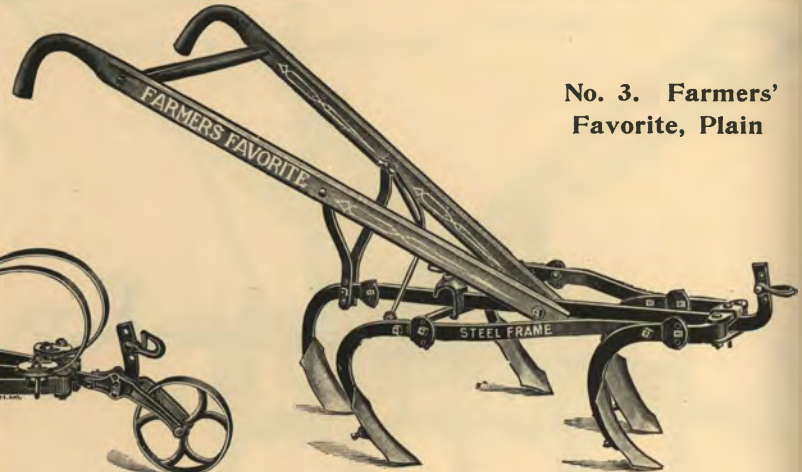
No. 6. Farmers’ Favorite with Lever

These Cultivators have their two outside shanks round, and shovels with socket and set screw so that they can be adjusted to throw the dirt to or from the plant as may be desired. The other three shanks are square and have blades with one hole and bolt.

All shanks are adjustable so that the shovels can be set to run shallow or deep.



**Brown Spring Tooth One Horse Cultivator with Five Teeth.
Plain and with Lever**

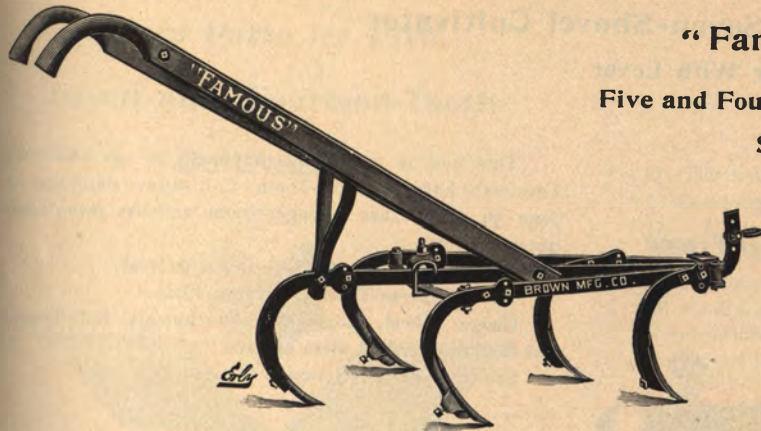


**No. 3. Farmers’
Favorite, Plain**

See cuts and description of extra parts on page 39

"Famous" One-Horse Cultivator

**Five and Fourteen Tooth, Plain or with Lever, Single Bar,
Steel Frame, Light Weight.**



No. 3 A. Famous Five-Tooth Plain

This cultivator is made specially for light work in light or sandy soil and where a light weight cultivator is more desirable.

It is furnished regularly with five double pointed shovels, 3 inches wide with one hole and bolt.

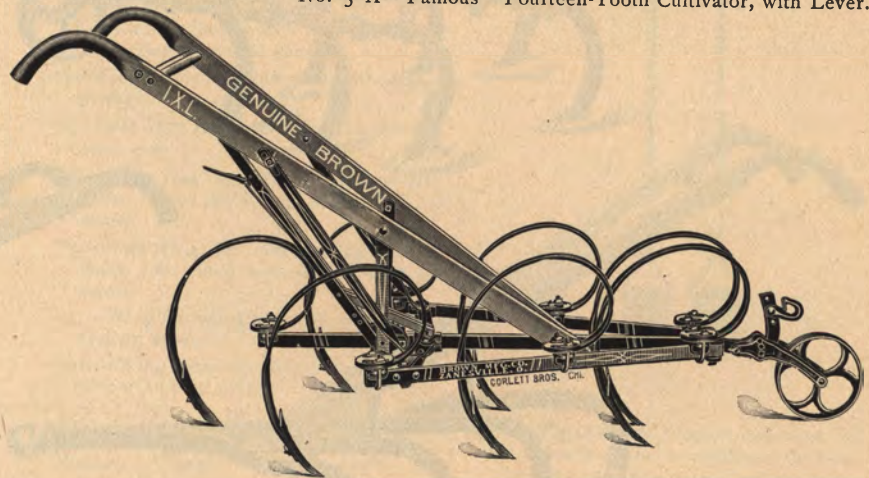
Gauge Wheel, Horse Hoe Attachments, Bull Tongues and Hillers are furnished only when ordered.

No. 3 A "Famous" Five-Tooth Cultivator, Plain.

No. 6 A "Famous" Five-Tooth Cultivator, with Lever.

No. 4 A "Famous" Fourteen-Tooth Cultivator, Plain.

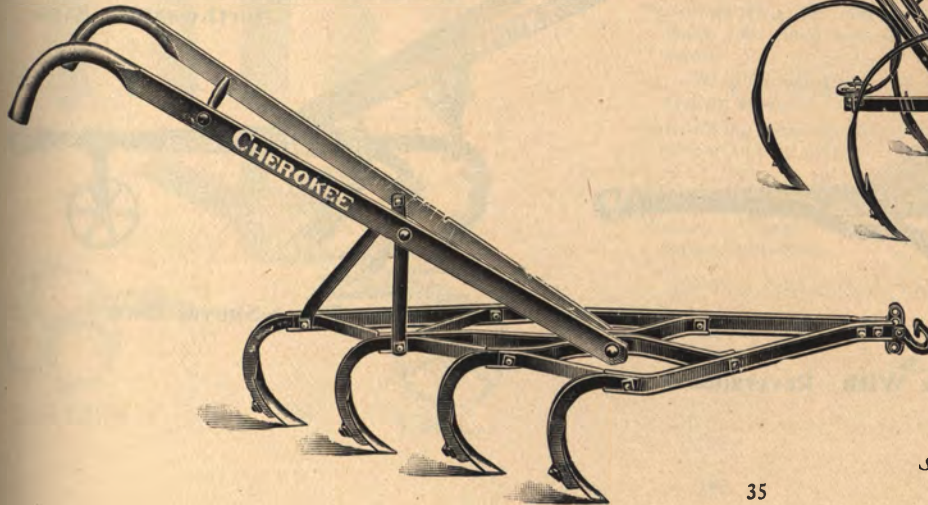
No. 5 A "Famous" Fourteen-Tooth Cultivator, with Lever.



**Brown Spring Tooth One-Horse
Cultivator with Seven Teeth,
Plain and with Lever**

No. 11 X. Cherokee Four Shovel Cultivator

See Cuts of attachments on page 39.



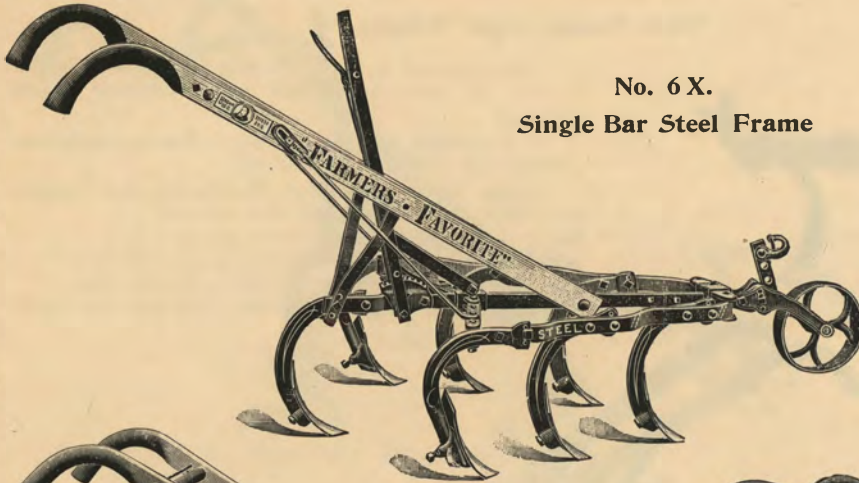
See Cuts of attachments on page 39.

Farmers' Favorite Seven-Shovel Cultivator

Plain or With Lever

No. 6 X.

Single Bar Steel Frame



This tool is practically the same as our One-Horse Farmers' Favorite Five-Tooth Cultivators described on page 36, except has a longer frame and has seven blades instead of five.

No. 6 X Seven-Tooth Cultivator with lever.

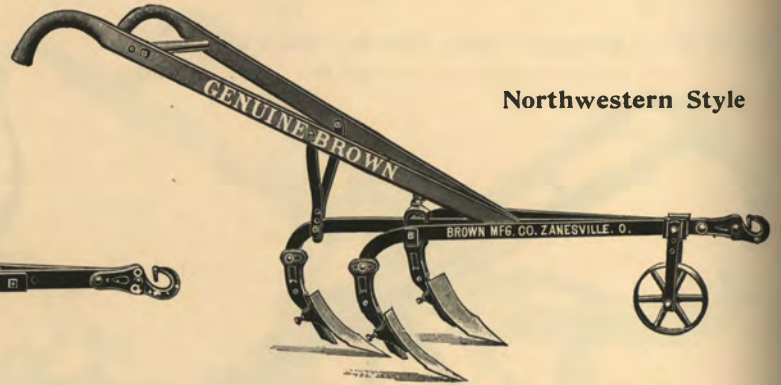
No. 3 X Seven-Tooth Cultivator, Plain.

Gauge Wheel, Horse Hoe Attachments, Bull Tongues and Hillers furnished when ordered.

See cuts and description of these on page 39.

Genuine Brown Three-Shovel Plow

Northwestern Style

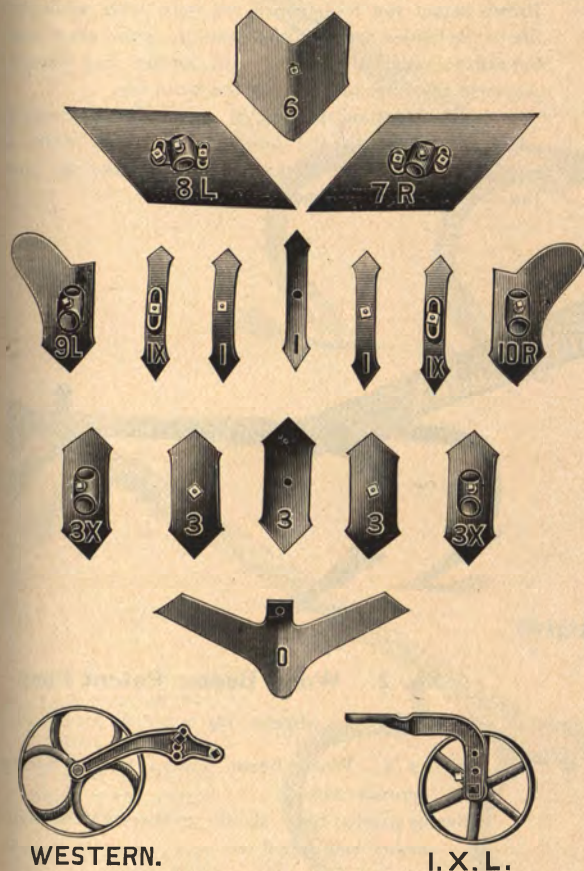


No. 9. Three-Shovel Plow

Brown Four-Shovel Steel Beam Plow With Reversible Point



Extra Parts for Five, Seven and Fourteen-Tooth Cultivators



- O—Thistle sweep with bolt.
- 1—Bull tongue $1\frac{1}{4}$ inches with bolt.
- 1X—Bull tongue $1\frac{1}{4}$ inches wide with bolt and washer back for round shank.
- 2—Bull tongue 2 inches wide with bolt.
- 2X—Bull tongue 2 inches wide with bolt and washer back for round shank.
- 3—Blade 3 inches wide with bolt.
- 3X—Blade 3 inches wide with socket and set screw for round shank.
- 4—Blade 4 inches wide with bolt.
- 4X—Blade 4 inches wide with socket and set screw for round shank.
- 5—Blade 4 inches wide with bolt (Jersey style).
- 6—Rear Hoe for Horse Hoe attachment, with bolt.
- 7R—Side Hoe for Horse Hoe attachment, Right hand, with socket and set screw.
- 8L—Side Hoe for Horse Hoe attachment, Left hand with socket and set screw.
- 9L—Wing Shovel, Left hand, with socket and set screw.
- 10R—Wing Shovel, Right hand, with socket and set screw.
- I X L Wheel—Fits all double bar frame Cultivators (Nos. 1 and 2).
- Western Wheel—Fits all single bar frame Cultivators.

(Nos. 3, 3X, 4, 5, 6, and 6X.)

Brown Iron Handle Cham- pion Post-hole Digger



The Champion Digger is made from the very best of material for the purpose, the blade being a good quality of steel and the handle wrought iron, with shoulders where riveted to blade, making it almost indestructible.

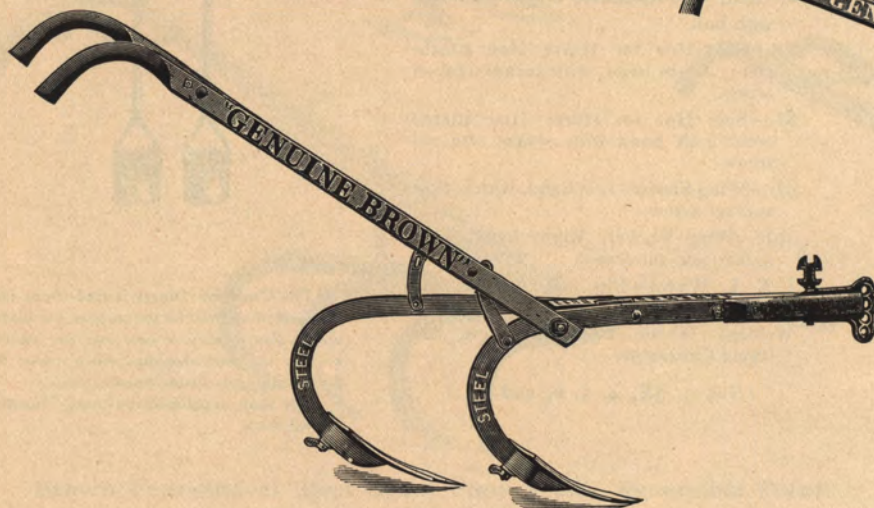
The blade is polished and blued. Handle painted black.



No. 1. Steel Beam Patent Foot

Beams $1\frac{3}{4} \times \frac{3}{4}$

No. 1 B, Steel Beam, Patent Foot, Blackland style.
Beams painted red. Handles varnished and tipped red.



No. 2B. Wood Beam, Blackland Style, Patent Foot, Shanks $1\frac{3}{4} \times \frac{3}{4}$

Beams painted red; shanks green; handles varnished and tipped red.

Genuine Brown D. S. Plows

With Brown Patent Slot Foot and Handle Brace

Distance between beams can be adjusted to any desired width.

All three of these plows are regularly furnished with Brown patent slot foot, which not only adds additional life to the blades first furnished with the plow when new, but also to other blades when the farmer may have to purchase new ones to replace those worn out.

And in addition to this, it gives an opportunity to adjust the blades up and down on the shank which is equivalent to a change of their pitch, to make the plow run deep or shallow as may be desired.



No. 2. Wood Beam, Patent Foot

Shanks $1\frac{3}{4} \times \frac{3}{4}$

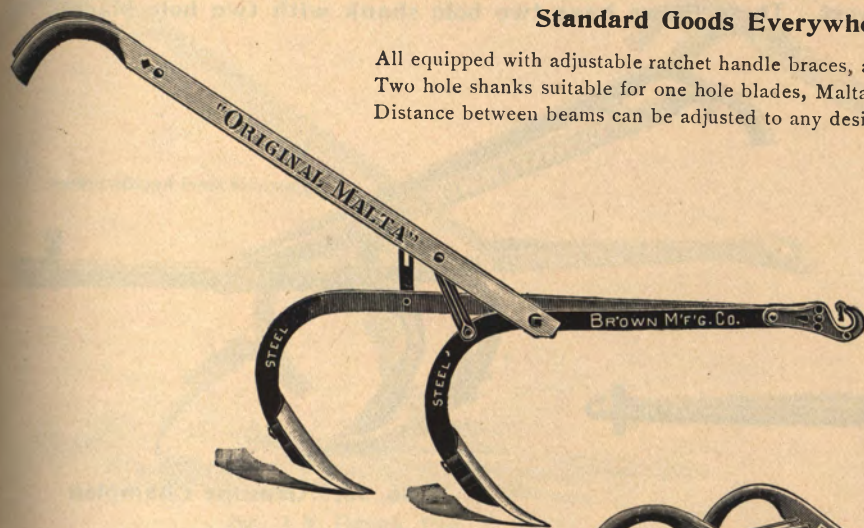
No. 2 A. Wood Beam, Patent Foot. Special spreader block.

Beams painted red; shanks green; handles varnished and tipped red.

Original Malta and Genuine Zanesville D. S. Plows

Standard Goods Everywhere

All equipped with adjustable ratchet handle braces, and adjustable clevises.
Two hole shanks suitable for one hole blades, Malta style.
Distance between beams can be adjusted to any desired width.



No. 10. Original Malta, Steel Beam

$1\frac{5}{8} \times \frac{3}{4}$ beam

No. 10 A same as No. 10 except with four nut cross rod.

No. 10 B same as No. 10 except with $1\frac{5}{8} \times \frac{5}{8}$ beam.

No. 10 C same as No. 10 except with four nut cross rod and $1\frac{5}{8} \times \frac{5}{8}$ beam.

No. 12 same as No. 10 except with patent handle braces.
Beams painted red; handles varnished and tipped red.



No. 11 Original Malta, Wood Beam

$1\frac{5}{8} \times \frac{3}{4}$ shanks.

No. 11 A same as No. 11 except with $1\frac{5}{8} \times \frac{5}{8}$ shanks.

No. 4 same as No. 11 except with patent handle braces.

Beams painted red; shanks, green; handles varnished and tipped red.

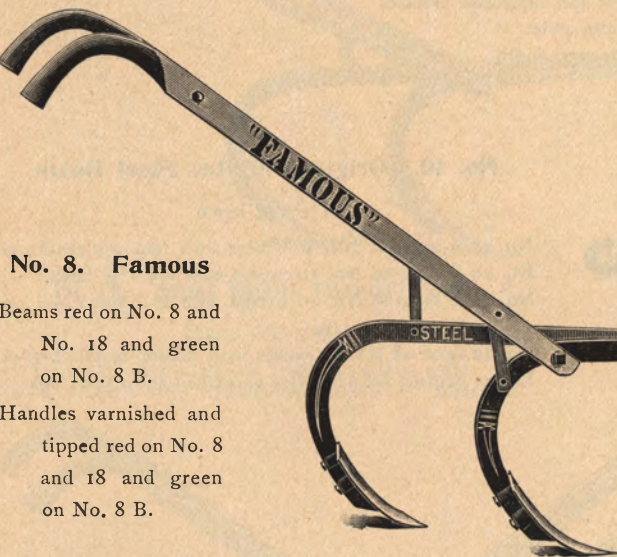
No. 11 X. Genuine Zanesville, Wood Beam

$1\frac{5}{8} \times \frac{3}{4}$ shanks.

No. 11 XB same as No. 11 X with special curved shanks, Blackland style. Painted red throughout.

Famous and Genuine Champion D. S. Plows

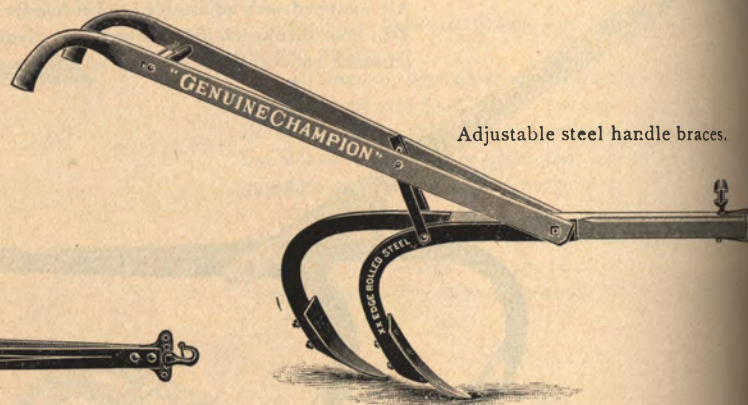
Great favorites in the South and Southwest. These Plows have two hole shank with two hole blades



No. 8. Famous

Beams red on No. 8 and
No. 18 and green
on No. 8 B.

Handles varnished and
tipped red on No. 8
and 18 and green
on No. 8 B.



Adjustable steel handle braces.

No. 13. Genuine Champion

$1\frac{3}{4} \times \frac{3}{4}$ shanks.

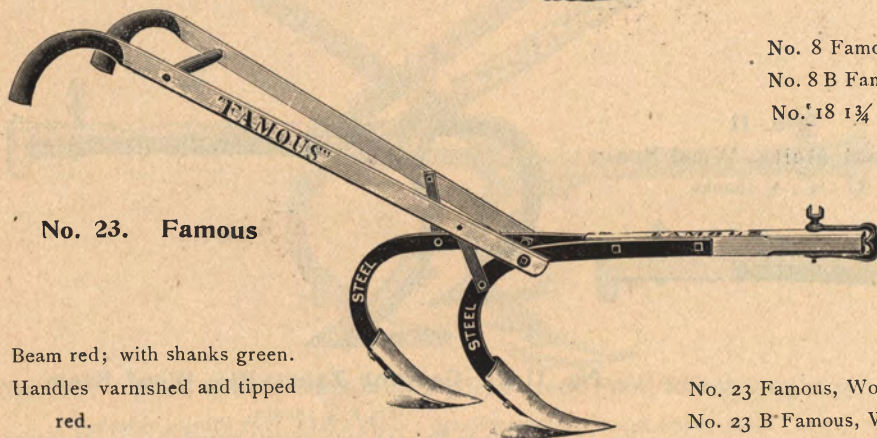
Egg, Oval or Diamond Point Blades.

Beam red; shanks green. Handles varnished and tipped red.

No. 8 Famous, $1\frac{5}{8} \times \frac{5}{8}$ Steel Beam with Adjustable Four Nut Cross Rod.

No. 8 B Famous, $1\frac{1}{2} \times \frac{5}{8}$ Steel Beam with Adjustable Four Nut Cross Rod.

No. 18 $1\frac{3}{4} \times \frac{3}{4}$ Steel Beam with Adjustable Four Nut Cross Rod.



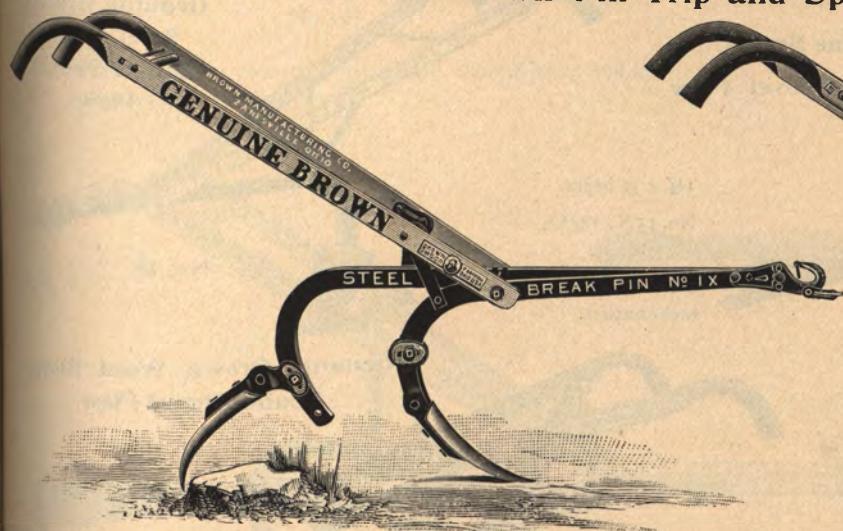
No. 23. Famous

Beam red; with shanks green.
Handles varnished and tipped
red.

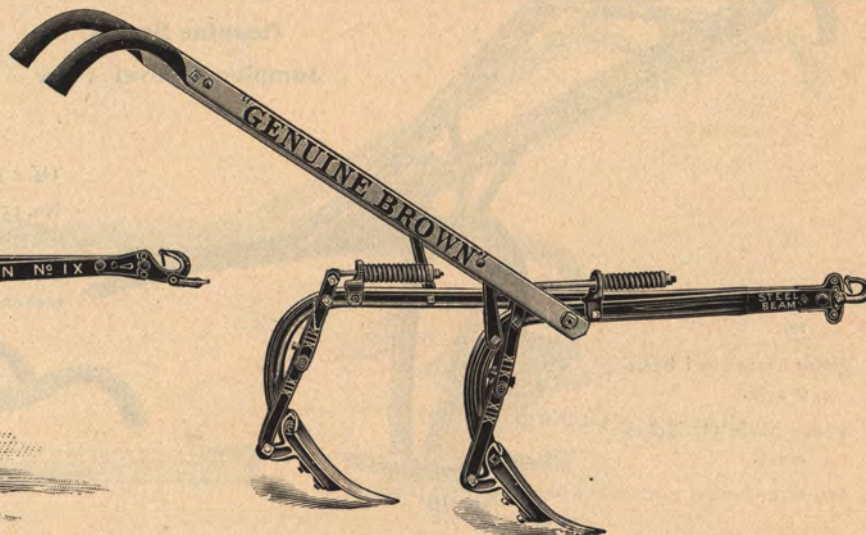
No. 23 Famous, Wood Beam, $1\frac{5}{8} \times \frac{5}{8}$ Shanks, Adjustable Four Nut Cross Rod.

No. 23 B Famous, Wood Beam, $1\frac{1}{2} \times \frac{5}{8}$ Shanks, Adjustable Four Nut Cross Rod.

Genuine Brown Pin Trip and Spring Trip D. S. Plows



No. 1 X Break Pin



No. 25 Spring Trip

Adjustable open foot.



No. 2 X Break Pin

$1\frac{3}{4} \times \frac{3}{4}$ shanks.

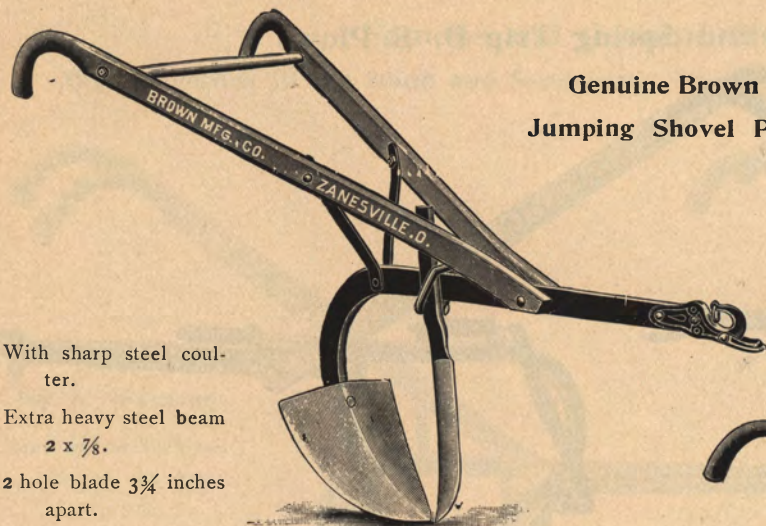
Wood Beam with adjustable open foot.

All adjustable in width between beams.

Furnished with oval face and flat diamond point blades.

$1\frac{3}{4} \times \frac{3}{4}$ steel beam, with adjustable open foot.

For Shovel Sweeps suitable for these plows, see page 55.



With sharp steel coulter.

Extra heavy steel beam
2 x $\frac{7}{8}$.

2 hole blade $3\frac{3}{4}$ inches apart.

No. 16

**Genuine Brown
Jumping Shovel Plow**

$1\frac{3}{4}$ x $\frac{7}{8}$ beam.

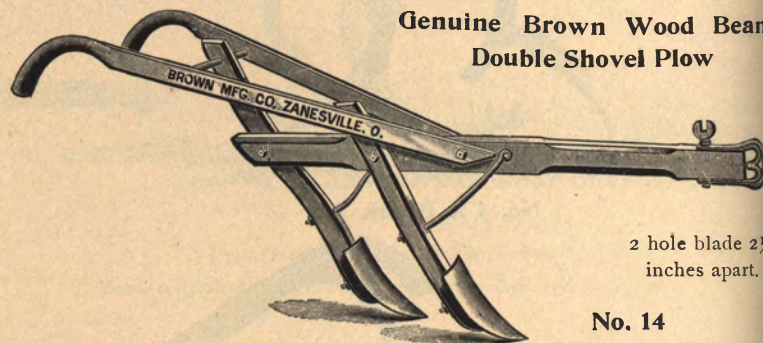
No. 15 X, $1\frac{3}{4}$ x $\frac{3}{4}$
beam.

2 hole blade $3\frac{3}{4}$
inches apart.



No. 15

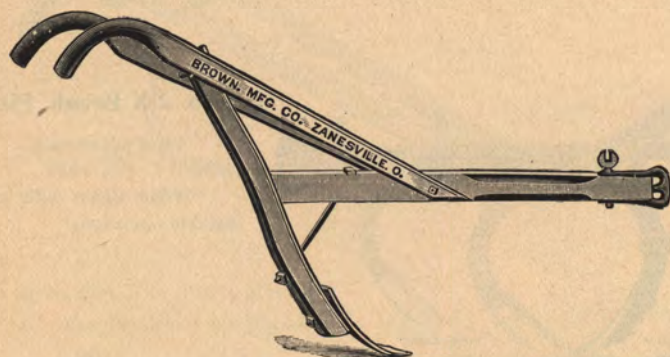
**Genuine Brown
Steel Beam
Single Shovel
Plow**



2 hole blade $2\frac{1}{4}$
inches apart.

No. 14

**Genuine Brown Wood Beam
Double Shovel Plow**



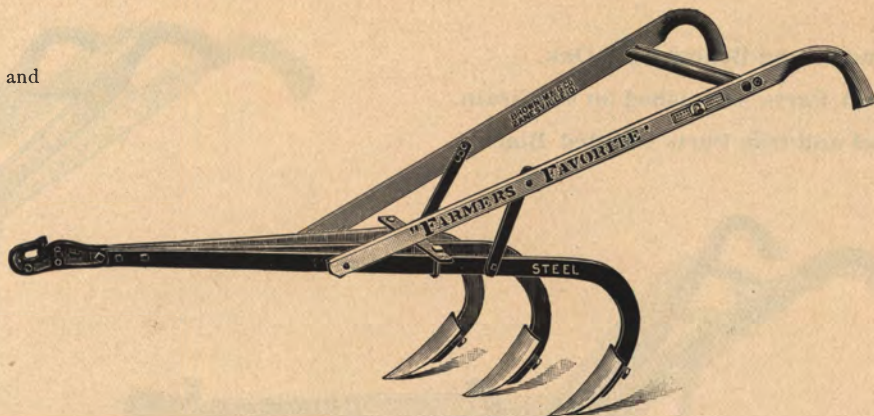
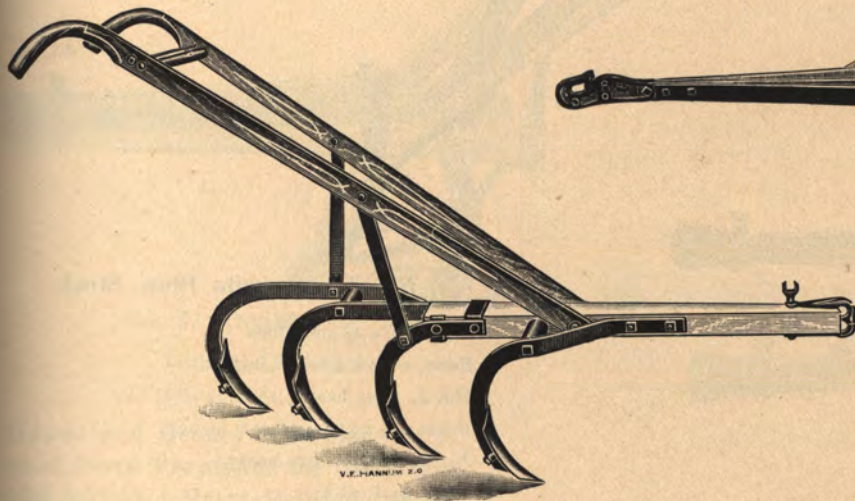
No. 17. Genuine Brown Wood Beam S. S. Plow
2 hole blade $2\frac{1}{4}$ inches apart



No. 18. Genuine Brown Wing Shovel Plow
2 hole blade $2\frac{1}{4}$ inches apart

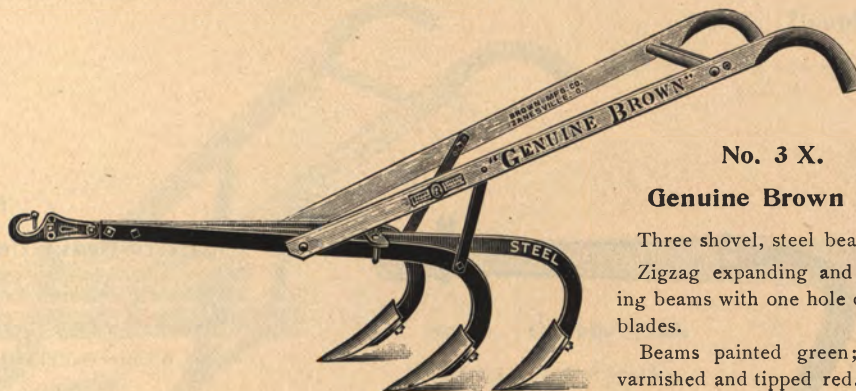
No. 11

Four shovel diagonal plow with never split clipped beam and reversible point blades.



No. 3. Farmer's Favorite.

Three shovel steel beam.
Diagonal expanding and contracting beams, with one hole oval faced blades.

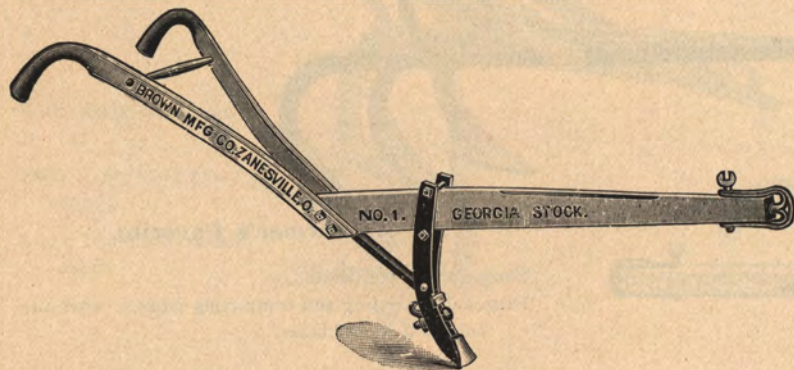


No. 3 X.

Genuine Brown Plow.

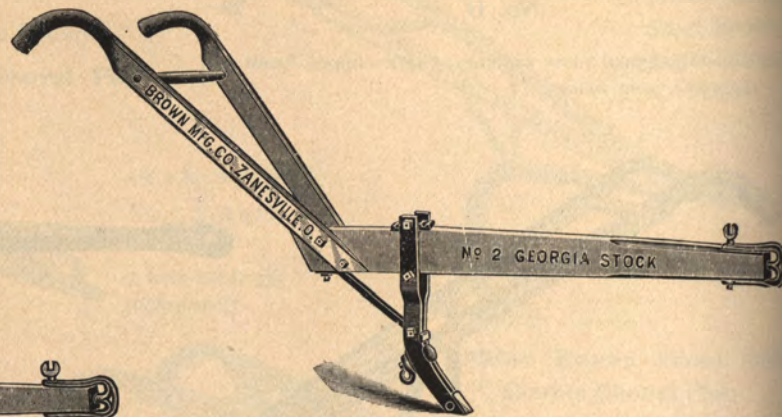
Three shovel, steel beam.
Zigzag expanding and contracting beams with one hole oval faced blades.
Beams painted green; handles varnished and tipped red.

Handles and Beams Best Oak.
Wood Parts Varnished on the Grain.
Steel and Iron Parts Painted Black.



No. 1. Georgia Plow Stock

With $1\frac{1}{2} \times \frac{3}{8}$ steel foot.
 Beam $1\frac{1}{8} \times 3\frac{1}{2} \times 3$ feet 10 inches.



No. 2. Georgia Plow Stock

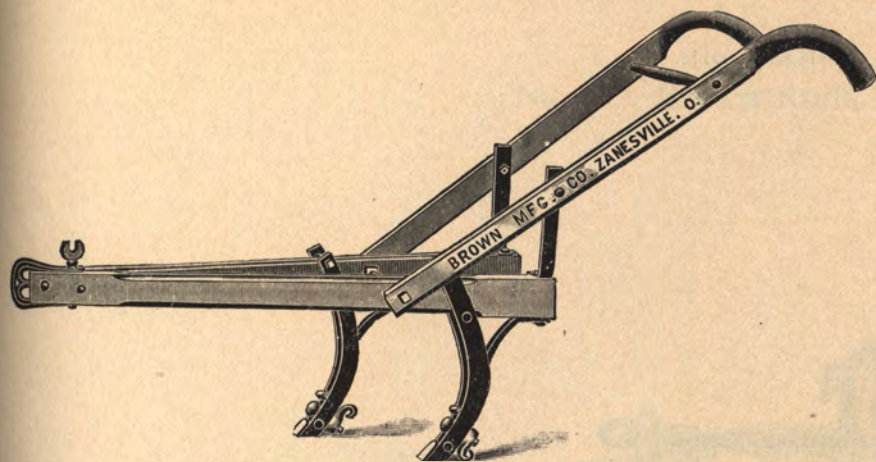
With $1\frac{3}{4} \times \frac{3}{8}$ steel foot.
 Beam $2 \times 4 \times 4$ feet 6 inches.
 No. 2, extra heavy, $1\frac{3}{4} \times \frac{3}{8}$ steel foot.
 Beam $2\frac{1}{8} \times 4\frac{1}{2} \times 4$ feet 6 inches.
 No. 2, double extra heavy.
 $1\frac{3}{4} \times \frac{3}{8}$ steel foot.
 Beam $2\frac{3}{8} \times 5 \times 4$ feet 6 inches.



No. 3.

Extra Heavy Universal Plow Stock

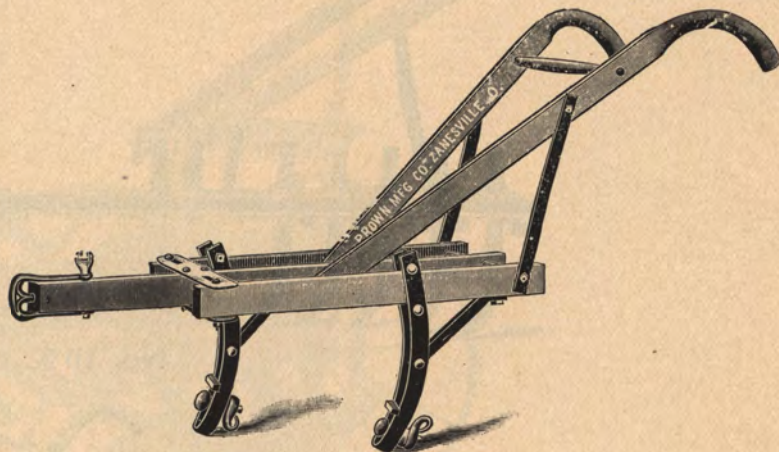
With $1\frac{3}{4} \times \frac{3}{8}$ steel foot.
 Beam $2\frac{1}{4} \times 4\frac{1}{2} \times 4$ feet 6 inches.
 No. 6 Universal Plow Stock with $1\frac{1}{2} \times \frac{3}{8}$ steel foot.



No. 5. Double "V" Stock

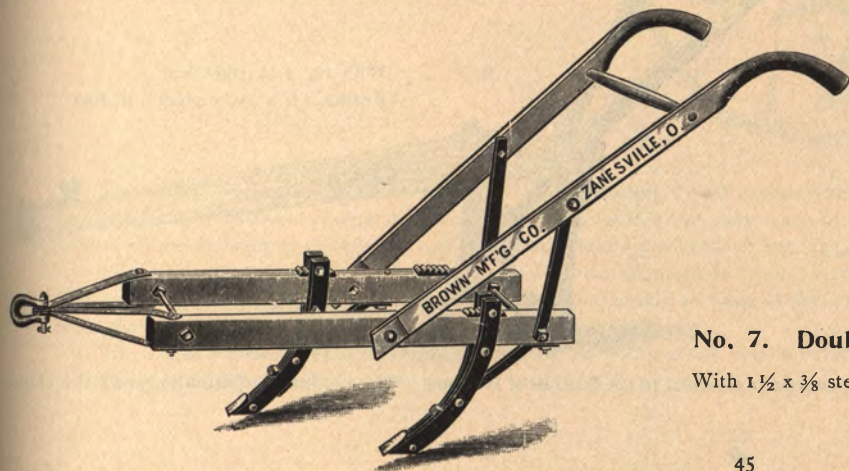
With $1\frac{1}{2}$ x $\frac{3}{8}$ steel shanks.

**Handles and Beams Best Oak.
Wood Parts Varnished on the Grain.
Steel and Iron Parts Painted Black.**



No. 6. Double Stock

With $1\frac{1}{2}$ x $\frac{3}{8}$ steel shanks.

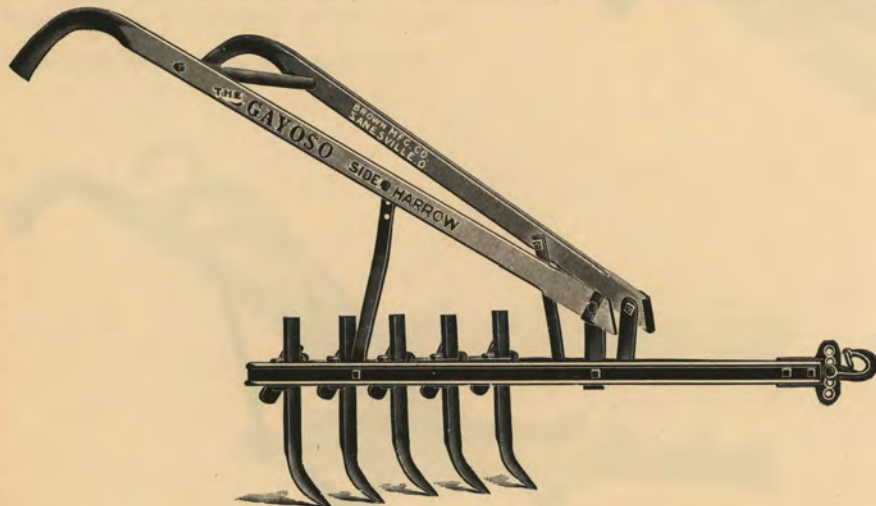


No. 7. Double Stock

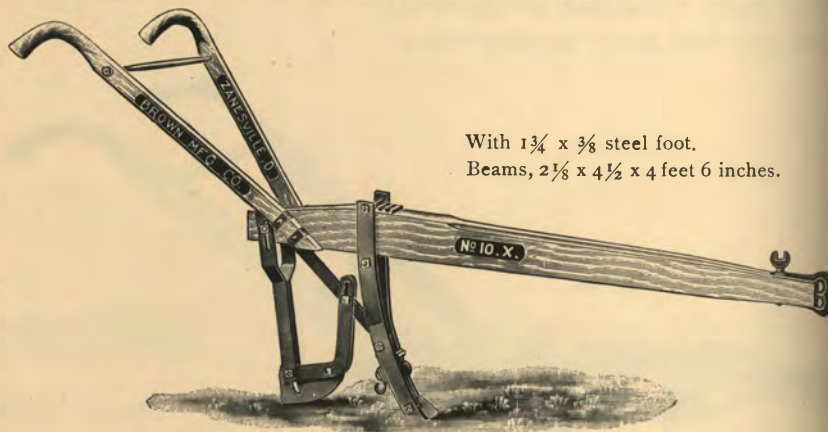
With $1\frac{1}{2}$ x $\frac{3}{8}$ steel shanks.

Gayoso Side Harrow

Handles can be raised or lowered; teeth adjustable; strong, simple and durable.



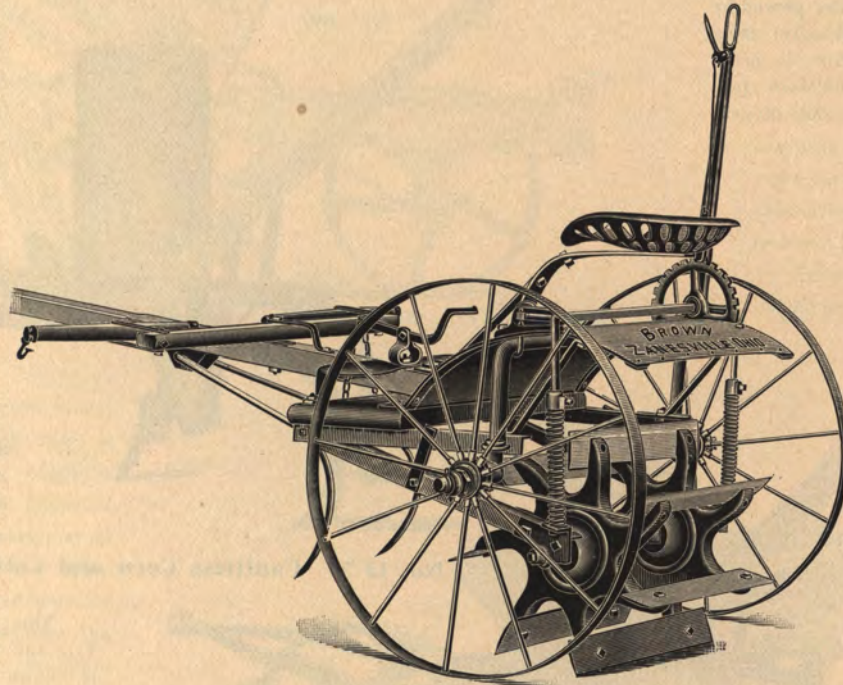
No. 10 X. Lone Star Middlebreaker Stock



With $1\frac{3}{4}$ x $\frac{3}{8}$ steel foot.
Beams, $2\frac{1}{8}$ x $4\frac{1}{2}$ x 4 feet 6 inches.

This style stock has superseded the old style with the landside or runner attached to the bottom of the foot. The rudder is adjustable, giving the blade any pitch desired. Any style blade can be used on this stock.

No. 11. Brown Stalk Cutter



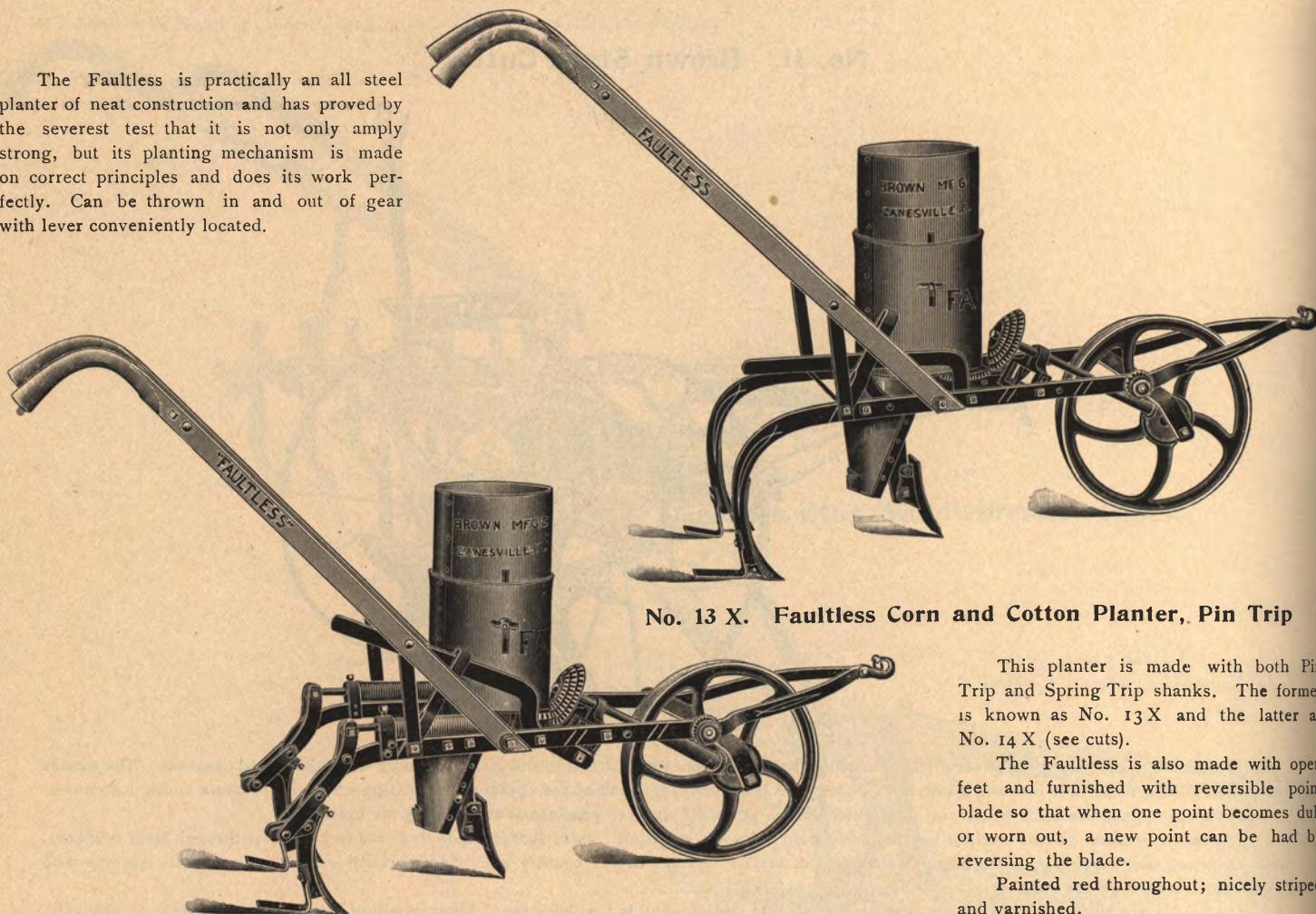
The Brown is practically an all steel frame machine, making it neat of construction and giving it ample strength beyond question. The wheels are all steel with removable box and 2-inch tire. The lever is within easy reach of the operator and is connected with pressure spring which connects with the cylinder or knife heads and with which can be produced an even pressure at all times on the knives.

The shafts or axles on this machine are regularly what is known as "Stub" style; that is, made so as not to pass clear through both cylinders, thus obviating the clogging up with trash. However, for certain sections of the country and when specially ordered we equip this machine with axles that run through the cylinders.

The blades are made of the very best steel for the purpose and are double beveled edge. Made in either six or seven blade solid or stub axle. Painted red throughout; nicely striped and varnished.

Faultless Corn and Cotton Planter

The Faultless is practically an all steel planter of neat construction and has proved by the severest test that it is not only amply strong, but its planting mechanism is made on correct principles and does its work perfectly. Can be thrown in and out of gear with lever conveniently located.



No. 13 X. Faultless Corn and Cotton Planter, Pin Trip

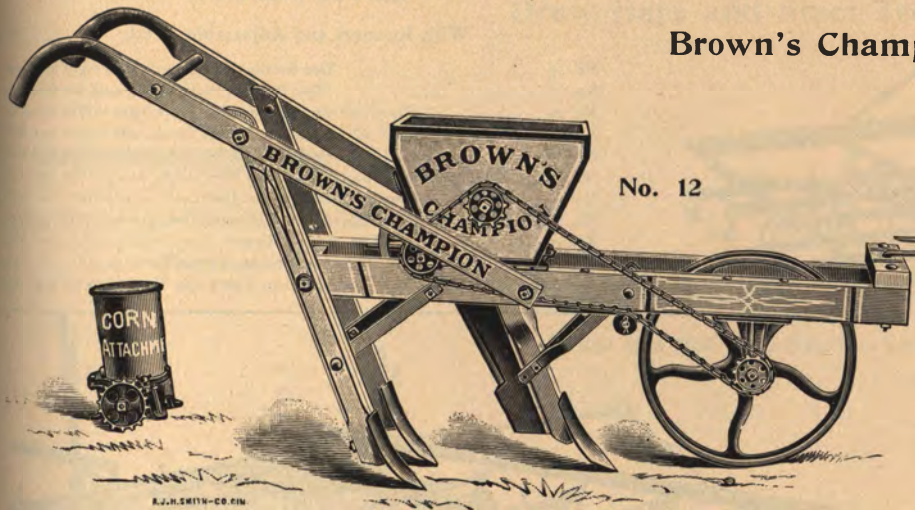
This planter is made with both Pin Trip and Spring Trip shanks. The former is known as No. 13 X and the latter as No. 14 X (see cuts).

The Faultless is also made with open feet and furnished with reversible point blade so that when one point becomes dull or worn out, a new point can be had by reversing the blade.

Painted red throughout; nicely striped and varnished.

No. 14 X. Faultless Corn and Cotton Planter, Spring Trip

Brown's Champion Corn and Cotton Planter

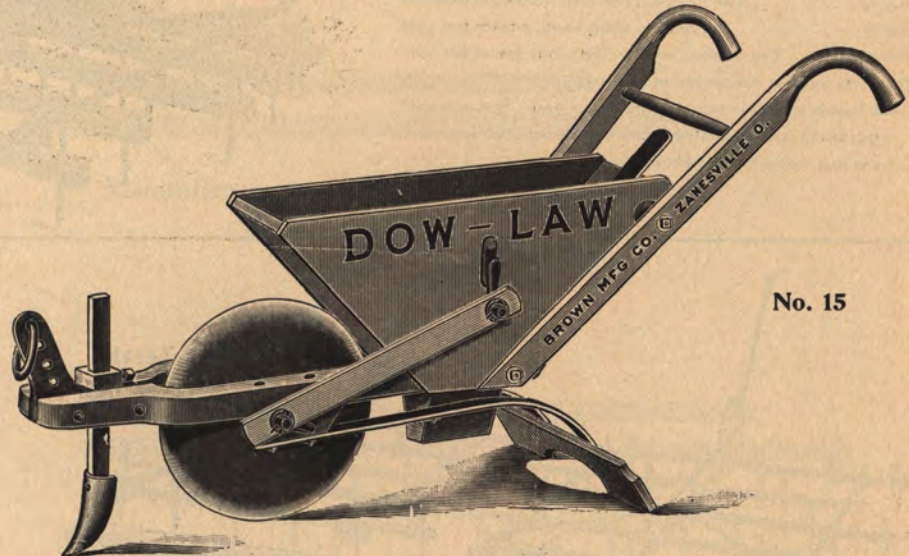


The Champion needs no introduction to the dealer or farmer since it has been on the market for so many years and has always given universal satisfaction. It has the best chain drive feed and pin trip shank.

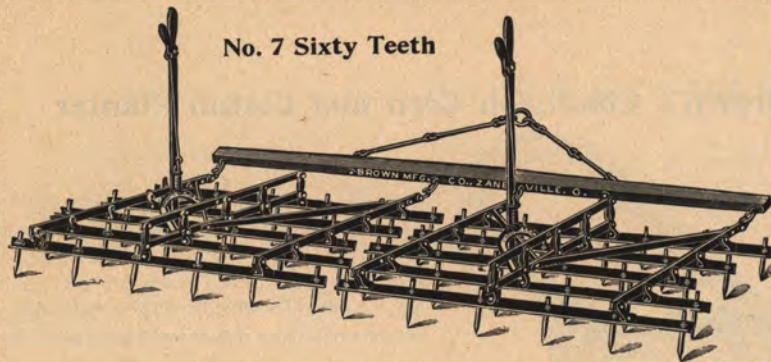
Painted red throughout and nicely striped and varnished.

Furnished with iron or wood furrow wheel. Iron wheel always sent unless wood wheel is specially ordered. The covering board is attached to planter with the best oil tempered springs, thus making a uniform pressure at all times. The furrow opener standard is easily adjusted up and down to any desired point by the means of a set screw and without the removal of a bolt. The feed gauge is within easy reach of the operator and the flow of seed can be regulated to any desired quantity, also stop the flow entirely while in motion or in turning around.

This planter is painted red throughout, nicely striped and varnished.



Brown's Dow-Law Cotton Planter



No. 7 Sixty Teeth

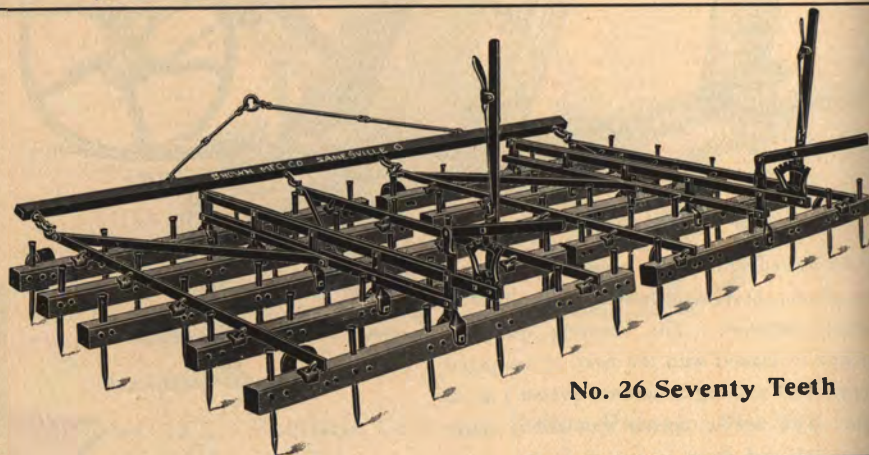
The Brown Steel Angle Bar Lever Harrow

With Runners and Adjustable Teeth

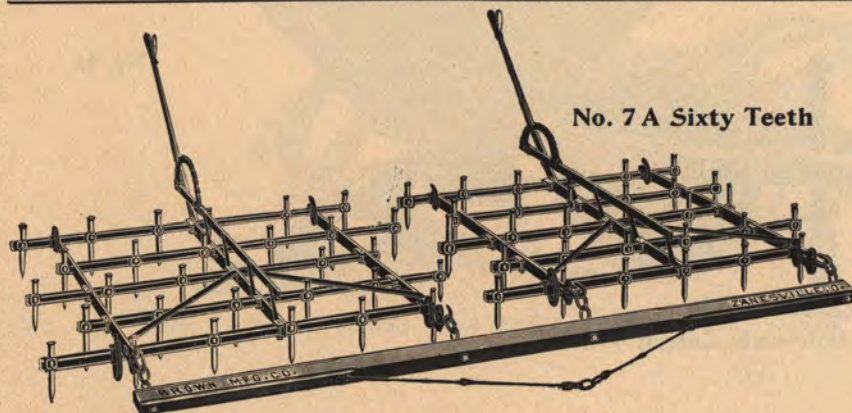
No. 9	Two Section, Fifty Teeth, cuts eight feet wide
No. 7	Two Section, Sixty Teeth, cuts ten feet wide
No. 10	Three Section, Seventy-five Teeth, cuts twelve feet wide
No. 8	Three Section, Ninety Teeth, cuts fifteen feet wide
No. 7X	Two Section, Seventy Teeth, cuts twelve feet wide
No. 8X	Three Section, One Hundred and Five Teeth, cuts sixteen feet wide
No. 16	Four Section, One Hundred Teeth, cuts sixteen feet wide
No. 16X	Four Section, One Hundred and Twenty Teeth, cuts twenty feet wide
No. 11	One Section, Twenty-five Teeth, cuts four feet wide
No. 12	One Section, Thirty Teeth, cuts five feet wide
No. 12X	One Section, Thirty-five Teeth, cuts six feet wide

The Brown Wood Bar Lever Harrow

No. 24 Two Section, Fifty Teeth, cuts eight feet wide
 No. 25 Two Section, Sixty Teeth, cuts ten feet wide
 No. 26 Two Section, Seventy Teeth, cuts twelve feet wide
 Bars, best seasoned oak, riveted at each tooth.
 Teeth headed and made from best quality of steel. Frame painted
 red, teeth black, combination draw bars furnished for two, three
 and four section harrows when ordered.



No. 26 Seventy Teeth



No. 7 A Sixty Teeth

The Brown Steel U Bar Lever Harrow

No. 9A	Two Section, Fifty Teeth, cuts eight feet wide
No. 7A	Two Section, Sixty Teeth, cuts ten feet wide
No. 10A	Three Section, Seventy-five Teeth, cuts twelve feet wide
No. 8A	Three Section, Ninety Teeth, cuts fifteen feet wide
No. 7XA	Two Section, Seventy Teeth, cuts twelve feet wide

See cuts and description of draw bars, on page 51.

Draw Bars and Steel Teeth



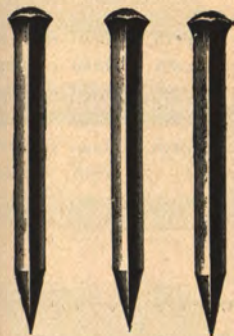
Draw Bar for One Section Lever Harrow



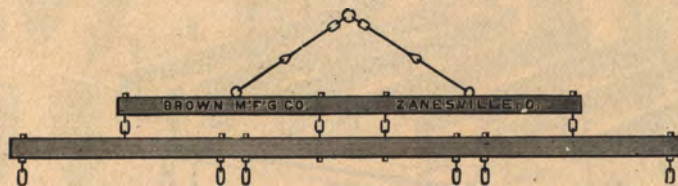
Draw Bar for Two Section Lever Harrow



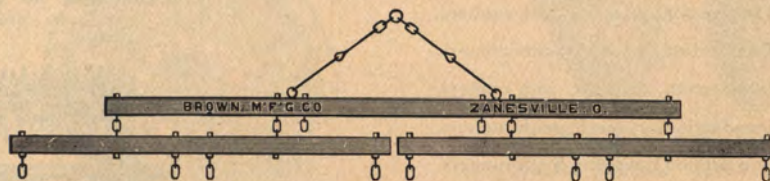
Headed Steel Teeth
Used in Brown
Harrow



Headed Steel Teeth
Used in Brown
Harrow



Combination for Two, Three and Four
Section Lever Harrow

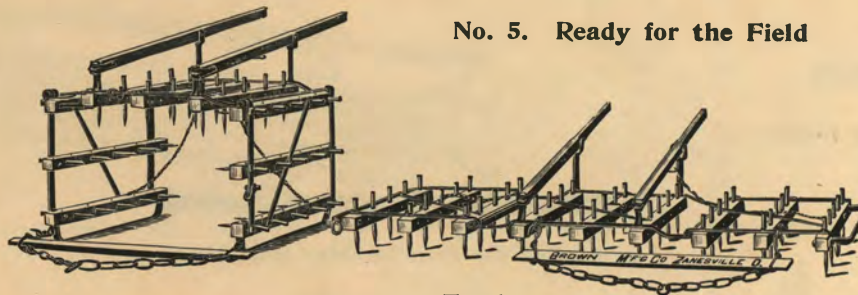


Combination for Two and Three Section
Lever Harrow

EXCELSIOR—Three Section Wood Harrow with runners and levers.

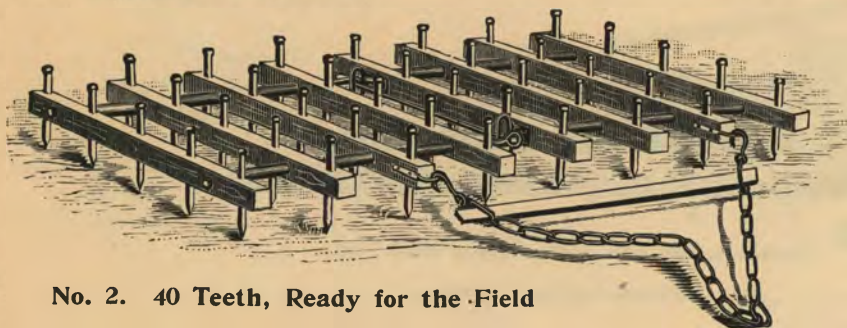
This Harrow has the advantage of levers which allow the operator to raise the side sections one at a time or together raise all three sections in front or rear to discharge trash without stopping the team.

No. 5.
Folded for the Road



No. 5. Ready for the Field

No. 5. 45 Teeth



No. 2. 40 Teeth, Ready for the Field

EXCELSIOR—Two Section Wood Frame Harrow, without runners.

- No. 2, Two section, 40 teeth, without runners.
- No. 4, Two section, 50 teeth, without runners.
- No. 13, One section, 20 teeth, without runners.
- No. 14, One section, 25 teeth, without runners.
- No. 15, One section, 30 teeth, without runners.
- No. 4X, Three section, 75 teeth, without runners.

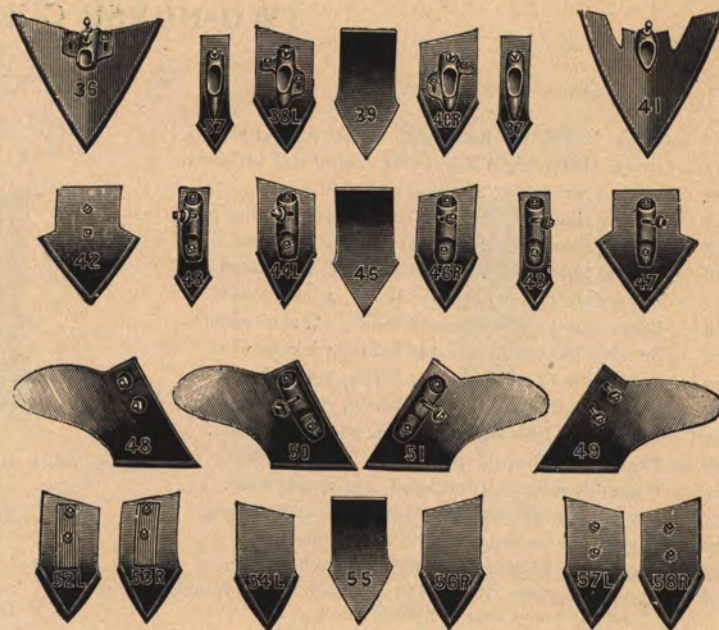
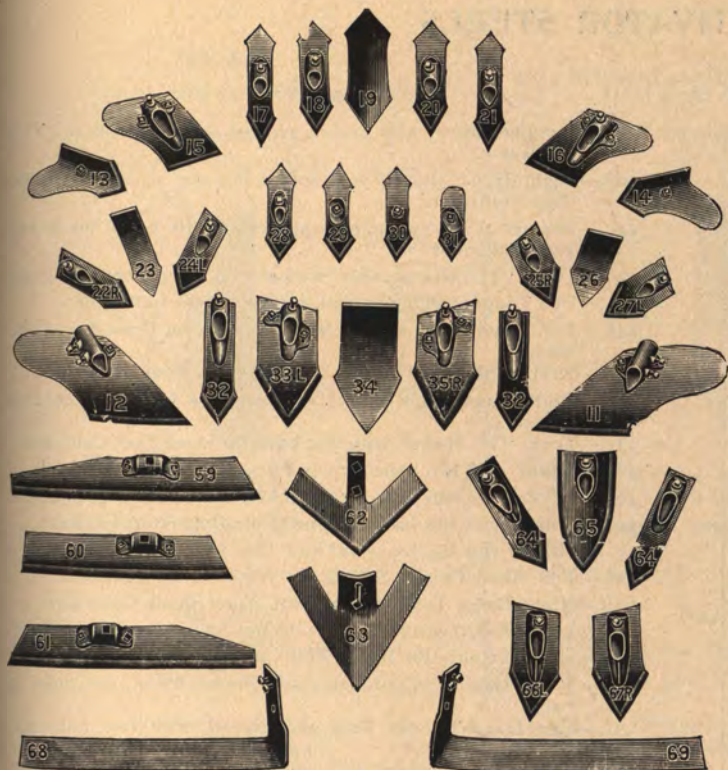
- No. 1, Two Section, 40 teeth, with runners.
- No. 3, Two Section, 50 teeth, with runners.
- No. 21, One Section, 20 teeth, with runners.
- No. 22, One Section, 25 teeth, with runners.
- No. 23, One Section, 30 teeth, with runners.

EXCELSIOR No. 4. Two Section
50 teeth, with runners folded for the road,

EXCELSIOR No. 1. Two Section
40 teeth, with runners, ready for the field



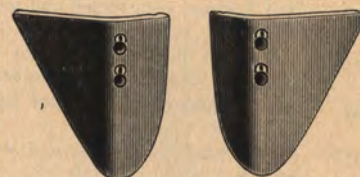
Our wood frame Harrows are made from the best seasoned oak, riveted at each tooth. Headed teeth made from best steel. Frame painted red, teeth and irons black.



No. 72 R and No. 73 L
Right Hand. Left Hand
Cultivator Cotton Scrapers



Genuine Steel Label



No. 70 R and 71 L
Right Hand. Left Hand
Shovel Sweeps
for Double Shovel Plows

TWO-HORSE CULTIVATOR STEELS

AS ILLUSTRATED BY CUTS ON OPPOSITE PAGE

- 11 —Lingo Hiller, left hand, with socket and set screw.
- 12 —Lingo Hiller, right hand, with socket and set screw.
- 13 —Hilling Shovel for Spring Tooth, left hand.
- 14 —Hilling Shovel for Spring Tooth, right hand.
- 15 —Hilling Shovel for Pivot Axle Rider, left hand.
- 16 —Hilling Shovel for Pivot Axle Rider, right hand.
- 17 —Reversible-Point Cultivator Blade, 2 inches wide.
- 18 —Reversible-Point Cultivator Blade, 3 inches wide.
- 19 —Reversible-Point Cultivator Blade, 4 inches wide.
- 20 —Reversible-Point Cultivator Blade, $3\frac{1}{2}$ inches wide.
- 21 —Reversible-Point Cultivator Blade, $2\frac{1}{2}$ inches wide.
- 22R—Eagle Claw Shovel, right hand, $2\frac{1}{2}$ inches wide.
- 23 —Eagle Claw Shovel, straight, $2\frac{1}{2}$ inches wide.
- 24L—Eagle Claw Shovel, left hand, $2\frac{1}{2}$ inches wide.
- 25R—Eagle Claw Shovel, right Hand, $3\frac{1}{4}$ inches wide.
- 26 —Eagle Claw Shovel, straight, $3\frac{1}{4}$ inches wide.
- 27L—Eagle Claw Shovel, left hand, $3\frac{1}{4}$ inches wide.
- 28 —Reversible-Point Blade (Flat Face), with socket and set screw for round shank, Spring Tooth.
- 29 —Reversible-Point Blade (Flat Face), with washer back and bolt for crimped Spring Tooth.
- 30 —Reversible-Point (Oval Face), with bolt for crimped Spring Tooth.
- 31 —Single Point (Flat Face), with washer back and bolt for crimped Spring Tooth.
- 32 —Bull Tongue, with socket and set screw for BREAK PIN Cultivator.
- 33L—Left Hand Twisted Cultivator Shovel, with socket and set screw for BREAK PIN Cultivator.
- 34 —Straight Shovel, with socket and set screw for BREAK PIN Cultivator.
- 35R—Right Hand Twisted Shovel, with socket and set screw for BREAK PIN Cultivator.
- 36 —Solid Sweep, with socket and set screw for Round Foot Cultivator.
- 37 —Bull Tongue, with socket and set screw for SPRING TRIP Cultivator.
- 38 —Right Hand Twisted Shovel, with socket and set screw for SPRING TRIP Cultivator.

- 39 —Straight Shovel with socket and set screw for SPRING TRIP Cultivator.
- 40R—Right Hand Shovel, with socket and set screw for SPRING TRIP Cultivator.
- 41 —Buzzard Wing Sweep, with socket and set screw for Round Foot Cultivator.
- 42 —Texas "T," Shovel with two bolts for Open Foot Cultivator.
- 43 —Bull Tongue, with star back for Open Foot Cultivator.
- 44L—Left Hand Angle Shovel, with star back for Open Foot Cultivator.
- 45 —Straight Shovel, with star back for Open Foot Cultivator.
- 46R—Right Hand Angle Shovel, with star back for Open Foot Cultivator.
- 47 —Texas "T" Shovel, with star back for Open Foot Cultivator.
- 48 —Hiller, with two bolts for Open Foot Cultivator, left hand.
- 49 —Hiller, with two bolts for Open Foot Cultivator, right hand.
- 50 —Hiller, with star back for Open Foot Cultivator, left hand.
- 51 —Hiller, with star back for Open Foot Cultivator, right hand.
- 52L—Left Hand Twisted Shovel, for Wood Shank Cultivator.
- 53R—Right Hand, Twisted Shovel for Wood Shank Cultivator.
- 54L—Left Hand, Twisted Plain Cultivator Shovel, no holes or back.
- 55 —Straight Cultivator Blade, Plain, no holes or back.
- 56R—Right Hand Twisted Cultivator Shovel, Plain, no holes or back.
- 57L—Left Hand Twisted Cultivator Shovel, with two holes and bolts.
- 58R—Right Hand Twisted Cultivator Shovel, with two holes and bolts.
- 59 —Right Hand Narrow Surface Blade, with back.
- 60 —Right Hand Wide Surface Blade, with back.
- 60X—Left Hand Wide Surface Blade, with back.
- 61 —Left Hand Narrow Surface Blade, with back.
- 62 —Ohio Sweep, with two holes and bolts for Cultivator.
- 63 —Special Dixon Sweep, with two holes and bolts for Cultivator.
- 64 —Oval Faced Cultivator Bull Tongue, with socket and set screw.
- 65 —Oval Faced Cultivator Shovel, with socket and set screw.
- 66L—Left Hand Angle Shovel for Six Beam Cultivator.
- 67R—Right Hand Angle Shovel for Six Beam Cultivator.
- 68 —Right Hand McMullen Knife.
- 69 —Left Hand McMullen Knife.

No. 65 X
Oval Face Calf Tongue

Polished and blued.
With or without bolt.



2½, 3, 3½ and 4 inches wide by ¼, ⅝ and ¾ inch thick. Regular length, 11 inches.

No. 67 X
Oval Face Calf Tongue

Polished and blued.
With or without bolts.



2½, 3, 3½ and 4 inches wide by ¼, ⅝ and ¾ inch thick.
Regular length, 11 inches.

No. 68 X
Gravel Calf Tongue

Polished and blued.
With or without bolts.



2½ inches wide by ⅜, ⅞ and ½ inch thick.
Regular length, 12 inches.

No. 70 X
Flat Face Diamond Point Calf Tongue

Polished and blued.
With or without bolt.



2½ and 3 inches wide by ¼ and ⅝ inch thick. Regular length, 11 inches.

No. 71 X
Flat Face Diamond Point Calf Tongue

Polished and blued.
With or without bolts.



2½ and 3 inches wide by ¼ and ⅝ inch thick. Regular length, 11 inches.

No. 86 X **No. 69 X**
Oval Face Calf Tongues

Polished and blued.
With or without bolts.



1½, 1¾ and 2 inches wide by ⅜, ⅞ and ½ inch thick. Regular length, 11 inches.

No. 94 X

Oval D. S. Blade

Polished and blued.
With or without bolt.



5, 5½, 6, 6½ and 7 inches wide by $\frac{3}{16}$, $\frac{1}{4}$ and $\frac{5}{16}$ inch thick. Regular length, 11 inches.

No. 79 X

Flat Face Diamond Point Blade

Polished and blued.
With or without bolt.



5, 5¼, 5½ and 6 inches wide by $\frac{1}{4}$ and $\frac{5}{16}$ inch thick. Regular length, 11 inches.

No. 82 X

Egg or Flat Face Blade

Polished and blued.
With or without bolts.



5, 5½ and 6 inches wide by $\frac{1}{4}$ and $\frac{5}{16}$ inch thick. Regular length, 11 inches.

No. 95 X

Oval Face Blade

Polished and blued.
With or without bolts.



5, 5½, 6, 6½ and 7 inches wide by $\frac{3}{16}$, $\frac{1}{4}$ and $\frac{5}{16}$ inch thick.

No. 80 X

Flat Face Diamond Point Blade

Polished and blued.
With or without bolts.



5, 5¼, 5½ and 6 inches wide by $\frac{1}{4}$ and $\frac{5}{16}$ inch thick. Regular length, 11 inches.

No. 81 X

Egg or Flat Face Blade

Polished and blued
With or without bolts.



5, 5½ and 6 inches wide by $\frac{1}{4}$ and $\frac{5}{16}$ inch thick. Regular length, 11 inches.

No. 72 X

Blank Cultivator Blade

Polished and blued.



Right hand, 5 x 11 x $\frac{1}{4}$ inches.

No. 73 X

Blank Cultivator Blade

Polished and blued.



Straight, 5 x 11 x $\frac{1}{4}$ inches.

No. 74 X

Blank Cultivator Blade

Polished and blued.



Left hand, 5 x 11 x $\frac{1}{4}$ inches.

No. 69 XX

**Blank Cultivator
Calf Tongue**

Polished and blued.



2, 2 $\frac{1}{2}$ and 3 inches wide by $\frac{1}{4}$ and
 $\frac{5}{16}$ inch thick.

No. 76 X

Blank Drill Point

Polished and blued.



Made in all sizes and styles,
double and single point.

No. 75 X

Coulter and Band

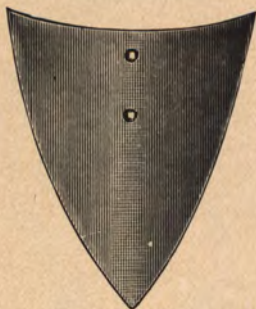


One-horse, 1 $\frac{3}{4}$ x $\frac{1}{2}$ x 25 inches.
Two-horse, 2 x $\frac{5}{8}$ x 28 inches.

No. 66 X

Single Shovel Blade

Polished and blued.
With or without bolts.



7 to 16 inches wide.
 $\frac{3}{16}$ and $\frac{1}{4}$ inch thick.



D. S. FENDER

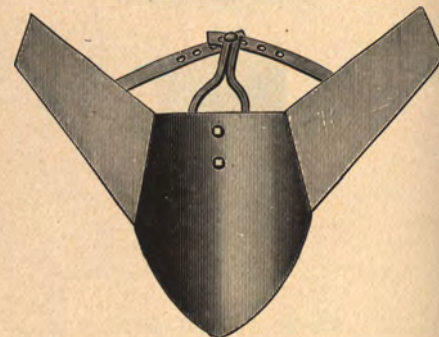
No. 1 for I. B. Plow.

No. 2 for W. B. Plow

No. 77 X

Adjustable Wing Shovel

Polished and blued.



With or without bolts.

No. 78 X

Special Dixon Sweep

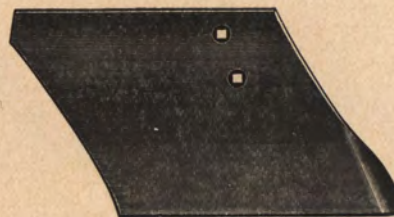
Polished and blued.
With or without bolts.



8, 10, 12, 14 and 16 inches wide by
 $\frac{3}{16}$ and $\frac{1}{4}$ inch thick.

No. 97 X

Avery Scraper Blade



Black or polished.
With or without bolts.

No. 83 X

Wing Double Shovel Blade

With or without bolts.
Polished and blued.



5, $5\frac{1}{4}$ and $5\frac{1}{2}$ inches wide by $\frac{1}{4}$
and $\frac{5}{16}$ inch thick.

No. 2 X

Bull Tongue

Black or polished.
With one $\frac{3}{4}$ inch square hole.



3, $3\frac{1}{2}$, 4 and $4\frac{1}{2}$ inches wide by $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{8}$
and $\frac{1}{2}$ inch thick.
Regular length, 12 inches.

No. 3 X

Bull Tongue

Black or polished.
With one $\frac{3}{4}$ inch square hole.



3, $3\frac{1}{2}$, 4 and $4\frac{1}{2}$ inches wide by $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{8}$ and
 $\frac{1}{2}$ inch thick. Regular length, 12 inches.

No. 4 X

Bull Tongue

Black or polished.
With one $\frac{3}{4}$ inch square hole.



3, $3\frac{1}{2}$, 4 and $4\frac{1}{2}$ inches wide by $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{8}$
and $\frac{1}{2}$ inch thick.
Regular length, 12 inches.

No. 5 X

Mountain Bull Tongue

Black or polished.
With one $\frac{3}{4}$ inch square hole.



3, $3\frac{1}{2}$, 4 and $4\frac{1}{2}$ inches wide by $\frac{3}{8}$, $\frac{1}{8}$ and $\frac{1}{2}$
inch thick. 12, 13 and 14 inches long.

No. 6 X

Star Bull Tongue

Black or polished.
With one $\frac{3}{4}$ inch square hole.



$2\frac{1}{2}$, 3, $3\frac{1}{2}$ and 4 inches wide by $\frac{3}{8}$ and $\frac{1}{8}$
inch thick. 8, 9 and 10 inches long.

No. 68 XX

Gravel Point. Bull Tongue

Black or polished.
With one $\frac{3}{4}$ inch square hole.



3, $3\frac{1}{2}$ and 4 inches wide by $\frac{3}{8}$, $\frac{1}{2}$ and
 $\frac{5}{8}$ inch thick.
Regular length, $12\frac{1}{2}$ inches.

No. 24 X

Sharp Point Corn Shovel

Black or polished.
With one $\frac{3}{4}$ inch square hole.



5, $5\frac{1}{2}$, 6, $6\frac{1}{2}$ and 7 inches wide by $\frac{3}{8}$, $\frac{1}{4}$ and $\frac{5}{16}$ inch thick. 11 and 13 inches long.

No. 27 X

Round Point Corn Shovel

Black or polished.
With one $\frac{3}{4}$ inch square hole.



5, $5\frac{1}{2}$, 6, $6\frac{1}{2}$, 7, $7\frac{1}{2}$ and 8 inches wide by $\frac{3}{8}$, $\frac{1}{4}$ and $\frac{5}{16}$ inch thick. 9, 10, 11 and 12 inches long.

No. 28 X

Mountain Shovel

Black or polished.
With one $\frac{3}{4}$ inch square hole.



6, 7, 8 and 9 inches wide by $\frac{1}{4}$, $\frac{5}{16}$ and $\frac{3}{8}$ inch thick. 12, 13, 14 and 15 inches long.

No. 20 X

Memphis Straight Shovel

Black or polished.

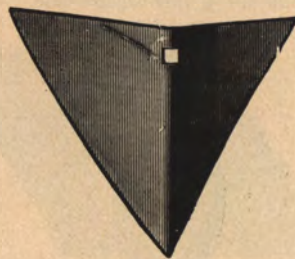


5 to 10 inches wide. $\frac{3}{8}$, $\frac{1}{4}$ and $\frac{5}{16}$ inch thick.

No. 31 X

Mississippi Straight Shovel

Black or polished.
With one $\frac{3}{4}$ inch square hole.
5 to 10 inches wide. $\frac{3}{8}$, $\frac{1}{4}$ and $\frac{5}{16}$ inch thick.



No. 84 X

Coen Shovel

Black or polished.
With one $\frac{3}{4}$ inch square hole.



5 to 10 inches wide. $\frac{3}{8}$, $\frac{1}{4}$ and $\frac{5}{16}$ inch thick.

No. 92 X

"Brown" Turn Shovel

Black or polished.
With one $\frac{3}{4}$ inch square hole.



3, $3\frac{1}{2}$, 4, $4\frac{1}{2}$, 5, $5\frac{1}{2}$, 6, $6\frac{1}{2}$ and 7 inches
wide by $\frac{5}{8}$ and $\frac{3}{8}$ inch thick.
9, 10 and 12 inches long.

No. 93 X

"Special" Turn Shovel

Black or polished.
With one $\frac{3}{4}$ inch square hole.

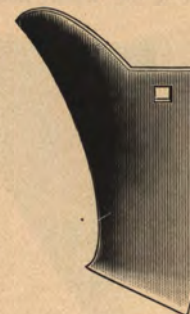


3, $3\frac{1}{2}$, 4, $4\frac{1}{2}$, 5, $5\frac{1}{2}$, 6, 7, 8, 9 and 10 inches
wide by $\frac{5}{8}$ and $\frac{3}{8}$ inch thick.
Regular length, 12 inches.

No. 10 X

Southwest Turn Shovel

Black or polished.
With one $\frac{3}{4}$ inch square hole.

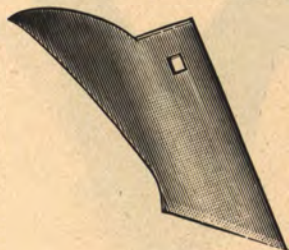


$3\frac{1}{2}$, 4, $4\frac{1}{2}$, 5, $5\frac{1}{2}$, 6, 7 and 8 inches wide
by $\frac{5}{8}$ and $\frac{3}{8}$ inch thick.
9, 10 and 12 inches long.

No. 12 X

"Taper" Turn Shovel

Black or polished.
With one $\frac{3}{4}$ inch square hole.

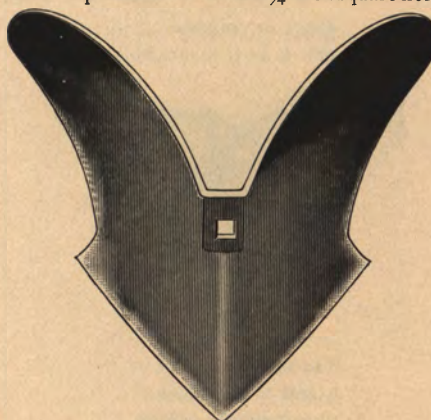


3, $3\frac{1}{2}$, 4, $4\frac{1}{2}$, 5, $5\frac{1}{2}$, 6, $6\frac{1}{2}$, 7 and 8 inches
wide by $\frac{5}{8}$ and $\frac{3}{8}$ inch thick.
Regular length, 12 inches.

No. 25 X

Middleburster Blade

Black or polished. With one $\frac{3}{4}$ inch square hole.



10, 12 and 14 inches wide by $\frac{1}{4}$ and $\frac{5}{8}$ inch thick.

No. 21 X

Wing Scooter

Black or polished.
With one $\frac{3}{4}$ inch square hole.



$3\frac{1}{2}$, 4, $4\frac{1}{2}$, 5, $5\frac{1}{2}$ and 6 inches wide by
 $\frac{5}{8}$ inch thick.
9, 10 and 12 inches long.

No. 8 X

Scooter

Black or polished.
With one $\frac{3}{4}$ inch square hole.



$2\frac{1}{2}$, 3, $3\frac{1}{2}$, 4, $4\frac{1}{2}$ and 5 inches wide by
 $\frac{1}{4}$, $\frac{5}{16}$ and $\frac{3}{8}$ inch thick.
9, 10 and 12 inches long.

No. 56 X

Heel Sweep

Black or polished.
With one $\frac{3}{4}$ inch square hole.



8 to 36 inches wide.
 $\frac{1}{4}$ and $\frac{5}{16}$ inch thick.

No. 16 X

"No Wing" Turn Shovel

Black and polished.
With one $\frac{3}{4}$ inch square hole.



3, $3\frac{1}{2}$, 4, $4\frac{1}{2}$, 5, $5\frac{1}{2}$, 6, 7 and 8 inches wide
by $\frac{5}{16}$ and $\frac{3}{8}$ inch thick.
Regular length, 12 inches.

No. 40 X

Farquhar Sweep

Black or polished.
With one $\frac{3}{4}$ inch square hole.

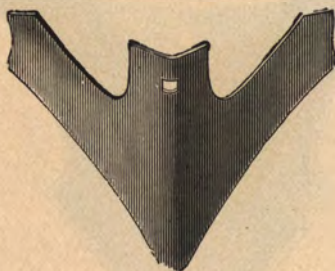


12 to 24 inches wide.
 $\frac{3}{16}$ and $\frac{1}{4}$ inch thick.
9, 10 and 12 inches long.

No. 42 X

Regular Dixon Sweep

Black or polished.
With one $\frac{3}{4}$ inch square hole.

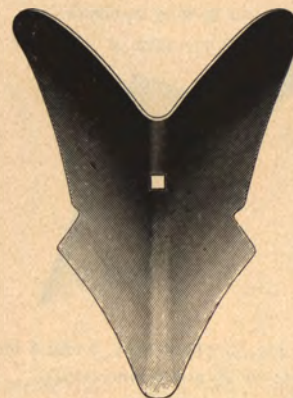


8 to 24 inches wide.
 $\frac{3}{16}$ and $\frac{1}{4}$ inch thick.
9, 10 and 12 inches long.

No. 26 X

Middleburster Blade

Black or polished.
With one $\frac{3}{4}$ inch square hole.

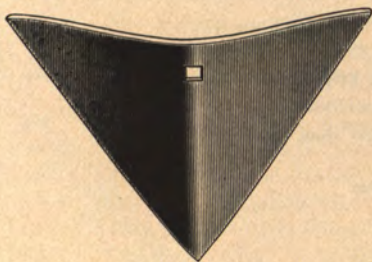


10, 12 and 14 in. wide, $\frac{1}{4}$ and $\frac{5}{16}$ in. thick.

No. 30 X

Tarver Sweep

Black or polished.
With one $\frac{3}{4}$ inch square hole.

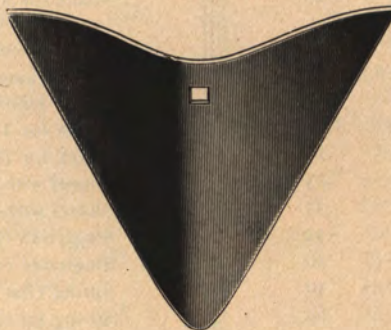


10 to 24 inches wide.
 $\frac{1}{8}$ and $\frac{1}{4}$ inch thick.
9, 10 and 12 inches long.

No. 38 X

Alabama Sweep

Black or polished.
With one $\frac{3}{4}$ inch square hole.

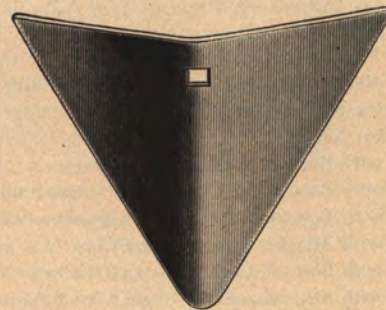


10 to 30 inches wide. $\frac{3}{16}$ and $\frac{1}{4}$ inch thick.
9, 10 and 12 inches long.

No. 32 X

Mississippi Sweep

Round point. Black or polished.
With one $\frac{3}{4}$ inch square hole.

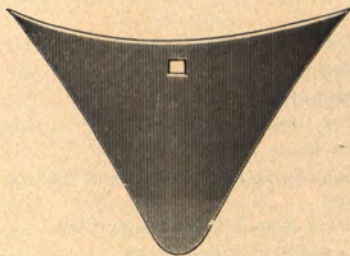


10 to 30 inches wide. $\frac{3}{16}$ and $\frac{1}{4}$ inch thick.
9, 10 and 12 inches long.

No. 29 X

Magnolia Sweep

Black or polished.
With one $\frac{3}{4}$ inch square hole.

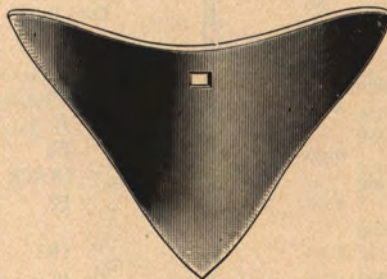


10 to 30 inches wide.
 $\frac{1}{8}$ and $\frac{1}{4}$ inch thick.
9, 10 and 12 inches long.

No. 91 X

Star Sweep

Black or polished.
With one $\frac{3}{4}$ inch square hole.

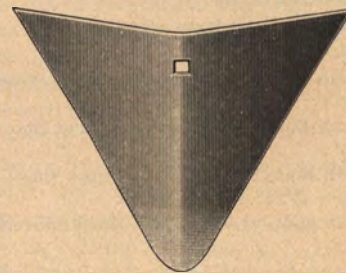


10 to 30 inches wide.
 $\frac{1}{8}$ and $\frac{1}{4}$ inch thick.
9, 10 and 12 inches long.

No. 33 X

Mississippi Sweep

Sharp point.
Black or polished.
With one $\frac{3}{4}$ inch square hole.



10 to 30 inches wide.
 $\frac{1}{8}$ and $\frac{1}{4}$ inch thick.
9, 10 and 12 inches long.

Repairs Common to Riding, Walking and Tongueless Cultivators

Price Each

Back (steel) for Open Boot	\$0.30
Beam for Regular Steel Spring Trip Gang, with Strap, Boot and Spring, complete	2 50
Beam for Regular Steel Spring Trip Gang, no Boot, Strap or Spring	.80
Beam Bar complete with Heads for Tip Top Parallel Beam	1.00
Beam Bar without Heads for Tip Top Parallel Beam	.50
Beam for Regular Steel Gang (long)	1.00
Beam for Regular Steel Gang (short)	.75
Blade with Bolt for Spring Tooth Gang	.25
Blade with Attachments for Round Shank Spring Tooth	.35
Blade with Bolt for Eagle Claw (2½ inches wide)	.35
Blade with Attachments for Eagle Claw (2½ inches wide)	.50
Blade with Bolt for Eagle Claw (3¼ inches wide)	.50
Blade with Attachments for Eagle Claw (3¼ inches wide)	.65
Blade (Surface) with Attachments complete	1.50
Boot (Steel) Round Shank for Spring Trip	.50
Bull Tongue with Attachments for Eagle Claw	.25
Bull Tongue with Attachments for Four and Six Shovel Gang	.60
Bull Tongue without Attachments	.40
Center Shovel Attachment complete	4.50
Crosshead (Tip Top) with Shanks complete with Boots and Fender Guide	3.50
Crosshead for Tip Top Beam (Steel Plate)	.40
Doubletree (no irons)	.80
Drop Bar and Draft Irons complete	1.00
Fenders, each	.50
Gang with Boots and Handle without Shovels (regular) Pin Trip	5 00
Gang with Boots and Handle without Shovels (parallel) Pin Trip	6.00
Gang with Boots and Handle without Shovels (regular) Spring Trip	6.50
Gang with Boots and Handle without Shovels (parallel) Spring Trip	7.50
Gang (one side) with Shanks complete for Surface, no Blades Handles	4.00
Hillars with Attachments (Lingo)	1.50
Hillars without Attachments (Lingo)	1.00
Neckyoke complete	.75

Price Each

Shank for Spring Trip Cultivator with Straps, Boot and Spring, complete (short)	\$2 25
Shank for Spring Trip Cultivator with Straps, Boot and Spring, complete (long)	2.50
Shank, Round, for Pipe Gang, no Shovel	.75
Shank (long) for Spring Trip, no Strap, Spring or Boot	1.00
Shank (short) for Spring Trip, no Strap, Spring or Boot	.75
Shank for Tip Top, without Boot (curved)	1.00
Shank for Tip Top, without Boot (straight)	.75
Shovel with Attachment	1.25
Shovel without Attachment	.75
Singletree Hook	.15
Singletree complete	.60
Spring (flat lifting)	1.00
Spring for Spring Trip Shank	.35
Spring Link Attachment	.30
Spring Trip Toggle Straps (no Boots or Spring)	.60
Spring Tooth without Blade	.75
Spring Tooth Gang complete	7.00
Spring Tooth Center Attachment complete	4.50
Sweeps, 10 and 12 inches wide, with Attachments	1.25
Sweeps, 14 and 16 inches wide, with Attachments	1.25
Sweeps, 10 and 12 inches wide, with Bolts	.60
Sweeps, 14 and 16 inches wide, with Bolts	.80
Tool Box	.30
Wrench	.30
No. A Washer for Old Style Gohn Blade Back	.05
" C9 Fender Casting (outside)	.20
" E Boot for Gohn Combination Gang	.50
" E9 Fender Casting (inside)	.20
" OOOX Back for Gohn Blade (old style)	.50
" P8 Shank, for Gohn Surface Tongueless and Walker, Left Hand	2.50
" 1B Straight Back for Round Shank Eagle Claw	.30
" 1C Handle Brace for Star Spring Tooth	.80
" 1E Bent Handle Brace for Steel Spring Trip Gangs	.25
" 1F Adjustable Crosshead for Tip Top Spring Trip (Fall style)	.75
" 2CX Sliding Tooth Casting for Star Spring Tooth	.50

Price Each

No. 2F	Adjustable Crosshead for Tip Top Spring Trip (Fall style)	\$0.75
" 3C	Crosshead for Six Beam Tip Top Spring Trip	2.00
" 3F	Plate for Rod Fender (Right Hand)	.30
" 3H	Adjustable Shank for Pipe Gang (Right Hand)	.50
" 4E	Shovel Back for Round Shank Spring Tooth	.25
" 4F	Plate for Rod Fender (Left Hand)	.30
" 4H	Adjustable Shank Casting for Pipe Gang (Left Hand)	.50
" 4K	Beam Plate for Texas Crosshead	.30
" 4KX	Beam Plate for Texas Crosshead	.30
" 5F	Top Plate for Rod Fender	.20
" 5H	Cap for Foot Rest on Pipe Gang (Right Hand)	.10
" 6J	Back for Reversible Point Cultivator Shovels	.25
" 6K	Crosshead Texas Style Tip Top, Right Hand (male)	.75
" 6KX	Crosshead Texas Style Tip Top, Right Hand (female)	.75
" 7A	Twisted Shovel Back for Round Shank, Eagle Claw, right hand	.30
" 7H	Pipe Attachment on Pipe Gangs	.30
" 7K	Crosshead Texas Style Tip Top, Left Hand, (male)	.75
" 7KX	Crosshead Texas Style Tip Top, Left Hand, (female)	.75
" 8A	Twisted Shovel Back for Round Shank, Eagle Claw, Left Hand	.30
" 8D	Adjustable Head for Tip Top Handle Brace (old style)	.50
" 8H	Stem Casting for Shank Attachment on Pipe Gangs	.50
" 9A	Adjustable Boot for Eagle Claw with Round Shank	.50
" 9D	Adjustable Tip Top Handle Brace (old style)	.75
" 10H	Base for Handle Brace on Pipe Gang	.30
" 18	Wrench	.20
" 37	Center Clip for Singletrees	.30
" 42X	Coupling for Tip Top (7 holes)	1.50
" 46	Back for Straight Shovel	.50
" 51	Neckyoke Staple	.20
" 56X	Back for Flat Bull Tongue	.40
" 64	Back for Oval Bull Tongue	.40
" 69	Clamp for Attaching Extra Beams	.25
" 85	Yoke for Clamping Coupling to Sleeve	.20

Price Each

No. 88	Shank for Gohn Surface, Tongueless and Walker, Right Hand	\$2.50
" 90XX	Blade Back for Gohn Surface (old style)	.50
" 114X	Cups for Cross Brace on Cultivator Gangs	.10
" 119X	Coupling for Regular Steel Gangs (coarse notches)	.80
" 120X	Coupling Plate for 119X Coupling	.20
" 127A	Back for Twisted Shovel, Right Hand	.60
" 128B	Back for Twisted Shovel, Left Hand	.60
" 134	Piece to Attach Wood Bar on Center Shovel	.20
" 135	Head for Regular Steel Gang	.60
" 149A	Back for Lingo Hiller, Right Hand	.50
" 150B	Back for Lingo Hiller, Left Hand	.50
" 151	Center Coupling on Pipe for Fifth Shovel	.40
" 152	Casting to Attach Pipe to Sleeve Arch	.15
" 153X	Post for Wood Bar on Fifth Shovel	.20
" 154	Head for Center Shovel Attachment	.30
" 162	Handle Brace for Long Steel Beam	.20
" 163	Handle Brace for Short Steel Beam	.20
" 178	Head for Wood Beam, Right Hand	.40
" 179	Head for Wood Beam, Left Hand	.40
" 202A	Sleeve on Axle, Left Hand	1.00
" 202B	Sleeve on Axle, Right Hand	1.00
" 215	Head for Tip Top Gang	.40
" 216	Fender Casting for Tip Top (large)	.15
" 217	Fender Casting for Tip Top (small)	.05
" 236	Adjustable Round Boot for Pin Trip Gang	.60
" 237	Washer for 236 and 238 Boots	.05
" 238	Adjustable Open Boot for Pin Trip Gang	.60
" 239	Washer for Blade Bolt on 238 Boot	.05
" 302	Crosshead for Tip Top Pin Trip Gang	1.50
" 303	Coupling for Tip Top Gang	1.00
" 306	Fender Casting (rear) for Tip Top Pin Trip Shank	.10
" 307	Crosshead for Tip Top Spring Trip Gang	1.50
" 309	Spring Stop on Spring Trip Beam	.25
" 311X	Hinge Casting for Spring Trip Straps	.30
" 318R	Short Arm Head for Wood Spring Tooth Attachment	.25
" 318L	Short Arm Head for Wood Spring Tooth Attachment	.25
" 319R	Long Arm Head for Wood Spring Tooth Attachment	.40

	Price Each
No. 319L Long Arm Head for Wood Spring Tooth Attachment.....	\$0.40
" 320 Brace from Head of Wood Bar on Spring Tooth Attachment.....	.50
" 321— Washer Cap for Spring Tooth.....	.10
" 323R— Bed Plate for Wood Crossbar on Spring Tooth Attachment, Right Hand.....	.10
" 323L— Bed Plate for Wood Crossbar on Spring Tooth Attachment, Left Hand.....	.10
" 351R— Shovel Back for Wood Standard, Right Hand.....	.20
" 351L— Shovel Back for Wood Standard, Left Hand.....	.20
" 353 Back for Flat Face Spring Tooth Blade.....	.10
" 357 Adjustable Open Boot for Spring Trip Gang.....	.50
" 358R Inside Hinge Casting for Right Hand Tip Top Gang (old style).....	.80
" 358L Inside Hinge Casting for Left Hand Tip Top Gang (old style).....	.80
" 359R Outside Hinge Casting for Right Hand Tip Top Gang (old style).....	1.00
" 359L Outside Hinge Casting for Left Hand Tip Top Gang (old style).....	1.00
" 360 Hinge Casting with Handle Brace for Tip Top (old style).....	1.00
" 362 Ratchet Washer for Spring Trip Straps.....	.10
" 362X Ratchet Washer for Spring Trip Straps.....	.10
" 363 Ratchet Plate for Spring Trip Straps.....	.10
" 373 Fender Casting for Eagle Claw, inside.....	.10
" 374 Fender Casting for Eagle Claw, outside.....	.10
" 375 Boot for Eagle Claw, Flat Shank.....	.50
" 401 Collar with Set Screw for Adjustable Arch Head.....	.30
" 413 Washer for Iron Evener Bar.....	.20
" 420 Adjustable Boot for Reversible Point Blades.....	.60

	Price Each
No. 454 Socket for Jockey Post on Pipe Gang, Right Hand.....	\$0.30
" 455 Socket for Jockey Post on Pipe Gang, Left Hand.....	.30
" 504X Ratchet Casting for Handle Brace on Regular Steel Beam.....	.25
" 505 Ratchet Casting for Round Brace on Texas Walker and Rider.....	.10
" 533 Lower Part of Ratchet Handle Brace, Right Hand.....	.35
" 533L Lower Part of Ratchet Handle Brace, Left Hand.....	.35
" 534 Upper Part of Ratchet Handle Brace.....	.25
" 574R Back for Scraper Blade (Deere style) Right Hand.....	.30
" 574L Back for Scraper Blade (Deere style) Left Hand.....	.30
" 604— Doubletree Plate on Doubletree.....	.10
" 605— Doubletree Plate on Tongue.....	.10
" 651 Sweep Washer for Open Boot (Ga. Stock style).....	.10
" 655R Adjustable Head for Tip Top Handle Brace, Right Hand.....	.60
" 655L Adjustable Head for Tip Top Handle Brace, Left Hand.....	.60
" 737 Adjustable Open Boot for Eagle Claw.....	.50
" 750— Trip Regulator Block for Straight Shank, Spring Trip.....	.10
" 754 Cone Washer for Tip Top Cone Coupling.....	.10
" 755 Cone for Tip Top Cone Coupling.....	.10
" 756R— Cap or Washer for Spring Tooth, Center Attachment.....	.20
" 756L— Cap or Washer for Spring Tooth, Center Attachment.....	.20
" 762 Clamp Back for Cultivator Shovel and Bulltongue.....	.30
" 767 Arkansas Style Open Boot, Spring Trip.....	.50
" 768 Washer for Arkansas Style Open Boot, Spring Trip.....	.05
" 769 Spring Stop for Arkansas Style Spring Trip Boot.....	.30

Repairs for Riding Cultivators

	Price Each
Axle Steel (one side) for Common Sense, New Brown, Handy, Hammock and Pivot Beam.....	\$1.50
Arch, Wood, for Common Sense.....	1.50
Axle Caps.....	.10
Beam for Gohn, Right Hand (no Shanks).....	1.50
Beam for Gohn, Left Hand (no Shanks).....	1.50

	Price Each
Boxing for Steel Wheel, OB99s (6 inches long).....	\$0.55
Boxing for Steel Wheel, OB92 (8 inches long).....	.65
Hub for Wood Wheels.....	1.00
Hand Lever (Steel) complete.....	1.00
Hand Lever (Wood) for Common Sense.....	.80
Seat, Steel or Cast.....	.75

	Price Each
Seat Strap for Hammock	\$.60
Seat Bar for New Brown, Handy and Pivot	1.00
Spring, Coil (Lifting) for New Brown Frame	.50
Spring, Coil, and Chain to connect Gangs	.75
Spring, Coil, for Lifting Rod on Hammock	.75
Spring, Coil, for Check Chain on Hammock	.30
Tongue, Double, no Irons	3.00
Tongue, Single, no Irons	3.00
Wheels (Steel) 36 inch regular Tire	3.25
Wheels (Steel) 40 inch regular Tire	3.50
Wheels (Steel) 40 inch 2½ Tire	4.25
Wheels (Steel) 42 inch regular Tire	3.75
Wheels (Steel) 42 inch 2½ Tire	4.50
Wheels (Wood) 48 inch regular Tire	3.00
Wheels (Steel) 48 inch regular Tire	4.00
Wheels (Wood) 48 inch 2½ regular Tire	3.75
Wheels (Steel) 48 inch 2½ inch regular Tire	4.75
No. A3 Arch Connection for Gohn, Right Hand	.30
" A4 Arch Connection for Gohn, Left Hand	.30
" A5 Socket for Standard on Gohn	.30
" A6X Hub Stop and Seat Bar Connection on Gohn, Left Hand (old style)	.30
" A7X Hub Stop and Seat Bar Connection on Gohn, Right Hand (old style)	.30
" A8 Casting for Bar to which Gohn Seat attaches, Right Hand (old style)	.30
" A9 Casting for Bar to which Gohn Seat attaches, Left Hand (old style)	.30
" A8XX Casting for Bar to which Gohn Seat attaches, Right Hand	.30
" A9X Casting for Bar to which Gohn Seat attaches, Left Hand	.30
" A11X Yoke for Connecting Gohn Beams to Tongue	1.20
" A16 Seat Cap for Gohn	.20
" L Ratchet Catch for Common Sense Hand Lever, Left Hand	.30
" OB99s Boxing for Steel Wheel (6 inches long)	.55
" OB92 Boxing for Steel Wheel (8 inches long)	.65
" N Blade Standard for Gohn	.50
" R Ratchet Catch for Common Sense Hand Lever, Right Hand	.30
" T Key or Pin for Hand Lever on New Brown	.10

	Price Each
No. TL Ratchet Key, Left Hand	\$.10
" TR Ratchet Key, Right Hand	.10
" 1G Cross Arm Bracket on Pivot Axle	.50
" 1K Loop Bolt for Pivot Axle Seat Bar	.20
" 2E Wheel Nut for Beam Shifter on Pivot Beam	.20
" 2G Foot Lever for Pivot Axle, Right Hand	.50
" 2K Stirrup Loop for Gang on Pivot Axle and Pivot Beam	.20
" 2L Loop Casting for Hammock	.35
" 3G Foot Lever for Pivot Axle, Left Hand	.50
" 3J Seat for Hinge Joint on Hammock	.50
" 3K Hub Stop	.30
" 3L Hook Casting for Hammock Lifting Rod	.30
" 4A Thumb Nut for ¼ and ⅝ Bolt	.03
" 4J Hinge Casting on Brown Hammock Pendulum Rod	.30
" 4JX Hinge Casting on Brown Hammock Lifting Rod	.30
" 4L Hook Casting to attach Seat Bar Chain to Frame on Gohn	.20
" 5E Foot Rest for Handy Brown, Right Hand	.50
" 5JX Hand Lift for Hammock	.30
" 5K Foot Stirrup	.30
" 5L Chain Hook on Hand Lever Pivot Axle, Right Hand	.05
" 6E Foot Rest for Handy Brown, Left Hand	.50
" 6GX Plate with Lug on Frame for New Brown	.20
" 6H Cap for Foot Rest on Pipe Gang, Left Hand	.10
" 6L Chain Hook on Hand Lever Pivot Axle, Left Hand	.05
" 7E Front Lug for Foot Rest Handy Brown	.50
" 7G Seat Bar and Brace Attachment for New Brown, Right Hand	.50
" 8G Seat Bar and Brace Attachment for New Brown, Left Hand	.50
" 8J Hook for Spring and Chain on Hammock Lifting Rod	.30
" 8K Socket Casting for Foot Lift and Jockey Arch Post, Right Hand	.25
" 9B Yoke for New Brown Lifting Spring	.40
" 9H Foot Rest for Pipe Gang	.30
" 9K Socket Casting for Foot Lift and Jockey Arch Post, Left Hand	.25

		Price Each
No. 48	Bracket Eye used on Common Sense	\$0.20
" 96	Foot Rest for Gang	.50
" 125	Pall Latch for Hand Lever	.10
" 136X	Clamp for Jockey Arch Post	.20
" 317	Ratchet Standard for Common Sense, Right Hand	1.50
" 318	Ratchet Standard for Common Sense, Left Hand	1.50
" 319	Shive used on Common Sense	.30
" 322	Arch Clamp for Handy Brown	.30
" 326	Hand Lever Pin on Common Sense	.30
" 327	Post for Jockey Arch	.30
" 328	Hub Stop on Common Sense	.30
" 329X	Axle Bed for Stub Axles	1.00
" 331	Latch Castings for Hand Lever	.20
" 352X	Beam Head (inside) for Handy Brown	.50
" 355—	Sleeve or Pipe Box for Common Sense	.60
" 369	Ratchet for Pivot Axle and Handy Brown, Square Notches and Smooth Center	1.00
" 369X	Ratchet with Slanting Teeth	1.00
" 370R	Lifting Hook for Hand Lever, Right Hand	1.00
" 370L	Lifting Hook for Hand Lever, Left Hand	1.00
" 372	Clip for Attaching Front Arch to Frame	.30
" 401X	Collar with Flange and Set Screw to fit No. 329X Axle Bed	.20
" 423—	Top Axle Casting on Pivot Axle	.60
" 424—	Pivot or Spindle Casting on Pivot Axle, Right Hand	1.50
" 425—	Pivot or Spindle Casting on Pivot Axle, Left Hand	1.50
" 432	Center Spreader Casting for Star Spring Tooth Gangs	.35
" 459	Cone Coupling for Hammock	.50
" 460—	Cone Head for Hammock	.40
" 475—	Rear Foot Rest for New Brown Steel Gangs	.15
" 480	Clevis for Lifting Chain on Gohn Gangs	.10
" 484	Washer for Universal Joint on Hammock Pendulum Rod	.05
" 485	Lower Part of Universal Joint on Hammock Pendulum Rod (old style)	.20
" 485X	Lower Part of Universal Joint on Hammock Pendulum Rod	.20
" 486	Top Part of Universal Joint on Hammock Pendulum Rod (old style)	.20

		Price Each
No. 486X	Top Part of Universal Joint on Hammock Pendulum Rod	\$0.20
" 490—	Foot Rest for Common Sense Eagle Claw	.20
" 491	Spreader Block for Six Shovel Hammock Gangs (regular style)	.75
" 492	Shank Holder for Six Shovel Hammock Gangs	.30
" 493	Spreader for Four Shovel Hammock Gangs	.75
" 493X	Spreader Block for Six Shovel Hammock Gangs (old style)	.75
" 494	Shank Holder for Four Shovel Hammock Gangs	.30
" 496	Spreader for Spring Tooth Hammock Gangs	.75
" 497—	Center Block Casting on Pivot Axle Spreader Bar	.20
" 509—	Foot Lever Casting for Star Spring Tooth on Common Sense	.20
" 512	Gohn Seat Casting	.30
" 513—	Seat Bar Casting with Lip and Pin for Regular Hammock, Left Hand	.20
" 514—	Seat Bar Casting with Pin and no Lip for Regular Hammock, Right Hand	.20
" 535	Hook for Foot Lever, Right Hand	.10
" 535X	Hook for Foot Lever, Left Hand	.10
" 536R	Round Blade Standard for Gohn, Right Hand	.60
" 536L	Round Blade Standard for Gohn, Left Hand	.60
" 537R	Corrugated Blade Back for Gohn, Right Hand	.50
" 537L	Corrugated Blade Back for Gohn, Left Hand	.50
" 538	Holder for Round Blade Standards No. 536R and No. 536L	.15
" 539	Cap for Round Gohn Blade Standards No. 536R and No. 536L	.15
" 542	Ratchet for New Century	1.00
" 543	Coupling Plates for New Century	.20
" 544	Beam Head for New Century and Pivot Beam	.60
" 545—	Cone Washer for New Century Style Beam Head	.05
" 546R	Double Shifting Arm for New Century, Right Hand	.30
" 546L	Double Shifting Arm for New Century, Left Hand	.30
" 547	Sleeve for Double Shifting Arms	.30
" 548R	Sliding Frame Casting for New Century, Right Hand	.30

No.		Price Each
No. 548L	Sliding Frame Casting for New Century, Left Hand	\$0.30
" 549	Front Arch Casting for New Century	.80
" 550	Sliding Tongue Casting for New Century	.90
" 551R	Rear Arch Clamp for New Century, Right Hand	.35
" 551L	Rear Arch Clamp for New Century, Left Hand	.35
" 552R	Clamp for Rear Arch New Century, Right Hand	.20
" 552L	Clamp for Rear Arch New Century, Left Hand	.10
" 553	Notch Casting for Front End of Seat Bar New Century	.10
" 554	Washer for Seat Iron Plate New Century	.05
" 555	Hub Stop for New Century	.30
" 556R	Sleeve for Front Axle, Right Hand	1.00
" 556L	Sleeve for Front Axle, Left Hand	1.00
" 557	Cap for Sleeve, New Century	.15
" 558	Plate on Hand Lever	.15
" 562	Stirrup Holder for For Four Shovel Gang New Century	.15
" 563	Socket Casting for Jockey Arch Post on New Century	.10
" 564—	Pivot Washer on New Century Axle	.15
" 568	Clevis for Evener Bar Chain	.10
" 589	Coupling Head for Hammock with Stiff Pendulum Rod (old style)	1.00
" 598—	Axle Cap	.10
" 632	Coupling for Gohn Shovel Attachments	.45
" 633	Adjustable Sleeve for No. 632 Coupling	.10
" 638	Ratchet for Shifting Axle on Great Western	.20
" 639	Hanger for Roller Bar on Great Western	.20
" 640R	Shifting Arm on Great Western, Right Hand	.30
" 640L	Shifting Arm on Great Western, Left Hand	.20
" 641R	Ratchet for Great Western, Right Hand	.20
" 641L	Ratchet for Great Western, Left Hand	.20
" 642R	Pall Latch on Lever for Great Western, Right Hand	.05
" 642L	Pall Latch on Lever for Great Western, Left Hand	.05
" 643R	Case for Pall Latch on Great Western, Right Hand	.05
" 643L	Case for Pall Latch on Great Western, Left Hand	.05

No.		Price Each
No. 644	Fork for Holding Spring Rod on Lever, Great Western	\$0.05
" 645	Foot Lift Casting for New Century (lower part)	.10
" 646	Foot Lift Casting for New Century (top part)	.15
" 652	Ratchet Plate for Adjustable Jockey Arch	.10
" 662	Pipe Seat Bar Connections for Gohn	.20
" 663	Hub Stop for Gohn Rider	.15
" 672	Goose Neck Attachment for Gohn Hammock Gang	.40
" 673	Sleeve for Surface Hammock	.30
" 674	Washer Block for Coupling on Surface Hammock	.05
" 675	Collar for Universal Coupling on Surface Hammock	.10
" 676R	Shank Clamp for Surface Hammock New Style Gang	.15
" 676L	Shank Clamp for Surface Hammock New Style Gang	.15
" 677	Seat for Hinge Joint on Surface Hammock	.30
" 678	Collar for Seat Bar and Spring Chain on Gohn	.10
" 690	Sleeve for Foot Treadle on Pivot Beam	.40
" 691	Foot Treadle on Pivot Beam	.60
" 692—	Cap for Top of Sleeve on Pivot Gang	.10
" 693—	Cap for Foot Lever on Pivot Gang	.10
" 694	Shifting Rod Holder on Pivot Beam	.15
" 695	Collar for Shifting Rod Holder on Pivot Beam	.10
" 698	Patent Blade Standard for Gohn	.40
" 699R	Patent Blade Adjuster for Gohn Standard, Right Hand	.20
" 699L	Patent Blade Adjuster for Gohn Standard, Left Hand	.20
" 700R	Patent Back for Gohn Straight Face Blade, Right Hand	.15
" 700L	Patent Back for Gohn Straight Face Blade, Left Hand	.15
" 708	Coupling with Set Screw for Pivot Beam and New Century	.35
" 709	Ratchet for Balance Lever and Roller Bar on Pivot Beam Cultivator	1.00
" 720	Hook for Shifting Rod on Pivot Beam	.25

		Price Each
No. 739	Coupling for Pivot Beam Rider, Improved	\$0.60
" 740	Ratchet Coupling Plate for Pivot Beam Rider, Improved	.20
" 741	Hinge or Fork Casting to Connect Jockey Arch to Frame on Pivot Beam	.20
" 742	Adjustable Eye for Shifting Rod on Pivot Beam	.25
" 746—	Washer Casting on Roller Bar for Pivot Beam	.05
" 747	Pall Latch for Crooked Hand Lever on Pivot Beam	.10

		Price Each
No. 751	Cap for Pivot Beam Axle and Seat Bar	\$0.20
" 752—	Bushing for 42-inch Special Wheel (Richmond Style)	.20
" 763—	Dustproof Box for Rider Wheels	.75
" 764—	Cut Nut for Dustproof Box	.25
" 765—	Top Case for Dustproof Box and Axle	.30
" 766—	Bottom Case for Dustproof Box and Axle	.30

Repairs for Walking Cultivators

		Price Each
Arch or Axle (regular) for Single or Double Tongue		\$3.50
Arch or Axle for Adjustable Arch (one side)		1.50
Axle Cap		.10
Bar (top) for Adjustable Arch		1.00
Brace from Axle to Tongue, outside (long)		.40
Brace from Axle to Tongue, inside (short)		.30
Casting on End of Single Tongue for Hanger		.30
Crosshead for Spring Tooth Attachments (wood, no iron)		.50
Hook for Hanging up Gangs		.30
Tongue, Double (no irons)		3.00
Tongue, Single (no irons)		3.00
Tongue, Single, for Adjustable Arch (no irons)		3.00
Wheels (Steel) 30 inches, Regular Tire		2.50
Wheels (Steel) 30 inches, 2-inch Tire		3.00
Wheels (Steel) 36 inches, 2-inch Tire		3.25
No. ESP	Coupling Head for Eureka Surface	1.00
" OB1	Boxing for Steel Wheel	.45
" 3B	Cap for Adjustable Arch Spring Lever	.20
" 4B	Spring Lug for Adjustable Arch	.30
" 5B	Hanger Loop for Steel Gang	.20

		Price Each
No. 6B	Hanger Loop for Spring Tooth Gang	\$0.20
" 7B	Hanger Loop for Eagle Claw Gang	.30
" 80	Hub Stop	.20
" 81	Spring Lug for Single Tongue	.30
" 81AL	Spring Lug for Double Tongue	.40
" 81BR	Spring Lug for Double Tongue	.40
" 174	Brace for Spring Lug on Single Tongue, Right Hand	.40
" 175	Brace for Spring Lug on Single Tongue, Left Hand	.40
" 305	Hanger Loop for Tip Top	.40
" 386	Zig Zag Spring Tooth Head, Right Hand	1.00
" 387	Zig Zag Spring Tooth Head, Left Hand	1.00
" 427—	Double Barrel Arch Casting on Texas Style Single Tongue Adjustable Arch	1.00
" 479	Hanger Loop for Star and Hamilton Gangs	.20
" 592—	Hanger Casting for Regular Single Tongue	.30
" 597—	Axle Cap	.10
" 603	Hub Stop for Balance Frame	.10
" 697—	Hanger Casting for Common Sense	.20
" 721	Arm and Spindle for Balance Frame	1.50

Repairs for Tongueless Cultivators

		Price Each
Arch (top bar) for Adjustable Arch		\$1.00
Arch and Axles complete for Round Arch		3.50
Axle with Head for Adjustable Arch (two pieces) one side		1.50
Beams, Wood only, less Coupling and Standards		1.00
Boxing for Steel Wheels, No. OB1		.45

		Price Each
Draft Bar with Spindles complete for Round Arch		\$2.00
Draft Bar to which Runner is Attached, Rear Section for Round Arch		2.00
Draft Bar to which Team is Attached, Front Section for Round Arch		1.00

	Price Each
Drag Runners on Rear of Draft Bar for Round Arch	\$0.80
Drag Runners on Draft Bar for Common Sense	.80
Gangs Complete, Wood Beam with Wood Standards, no Shovels	5.00
Hooks for Hanging Up Plows on Round Arch	.40
Jockey Stick on Round Arch	.25
Ring on Axle for Round Arch	.10
Standard, Wood only, for Wood Beam, less Shovels	.75
Spindles only on Round Arch	.50
Spring (lifting) Coil for Adjustable Arch	.75
Wheels (Steel) Regular Tire	2.50
Wheels (Steel) 2-inch Tire	3.00
No. XXX Socket on End of Axle for Round Arch (square hole)	.60
" E8 Spindle for Gohn Peerless	1.00
" ER Slider for Gohn Peerless Gang	.60
" OB1 Boxing for Steel Wheel	.40
" TT Casting to Connect Slider to Beam on Gohn Peerless	.20
" X4 Guide for Wheel on Gohn Peerless, Right Hand	.40
" 4C Beam Head for Balance Frame, Right Hand	.60
" 5C Beam Head for Balance Frame, Left Hand	.60
" 6C Clevis Head for Balance Frame	.30
" 7C Draft Arm for Balance Frame	.30
" 9F Clevis Hook for Spring on Adjustable Arch	.40
" 153 Post for Round Arch	.30
" 290 Sleeve for Round Arch, Right Hand	.60
" 291 Sleeve for Round Arch, Left Hand	.60
" 292 Arm for Sleeve, Right Hand	.30
" 293 Arm for Sleeve, Left Hand	.30
" 335 Ratchet Casting for Break Pin on Wood Beam	.20
" 336 Washer for No. 335	.05
" 337 Washer for Hanger on Common Sense	.05
" 337X Washer with Tail on Common Sense	.05
" 338 Sleeve Washer for Common Sense	.05
" 339 Arch on Sleeve Bracket for Common Sense	1.50
" 340 Draft Bar and Spindle for Common Sense, Right Hand	2.00

	Price Each
No. 341 Draft Bar and Spindle for Common Sense, Left Hand	\$2.00
" 342 Sleeve for Common Sense, Left Hand	.60
" 343 Sleeve for Common Sense, Right Hand	.60
" 344 Axle Pipe for Common Sense	.50
" 349R— Hanger Casting for Common Sense	.20
" 349L— Hanger Casting for Common Sense	.20
" 350— Washer between Arches for Common Sense	.10
" 351R— Shovel Back for Wood Standard, Right Hand	.20
" 351L— Shovel Back for Wood Standard, Left Hand	.20
" 394R Bracket Casting (inside) for Runner Brace Adjustable Arch	.80
" 395L Bracket Casting (inside) for Runner Brace Adjustable Arch	.80
" 396R Bracket Casting (outside) for Runner Brace Adjustable Arch	.80
" 397L Bracket Casting (outside) for Runner Brace Adjustable Arch	.80
" 398X Head for Adjustable Arch	.50
" 399R Sleeve on Axle Adjustable Arch, Right Hand	.40
" 400L Sleeve on Axle Adjustable Arch, Left Hand	.40
" 386 Zig Zag Spring Tooth Head, Right Hand	1.00
" 387 Zig Zag Spring Tooth Head, Left Hand	1.00
" 404— Axle Cap for Common Sense	.10
" 421 Casting for Front End of Hanger on Adjustable Arch	.20
" 656— Coupling for Blue Grass	2.00
" 657R— Draft Bar and Spindle for Blue Grass, Right Hand	2.00
" 657L Draft Bar and Spindle for Blue Grass, Left Hand	2.00
" 658R Beam Head for Blue Grass, Right Hand	.60
" 658L Beam Head for Blue Grass, Left Hand	.60
" 659R Coupling for Blue Grass, Right Side	.25
" 659L Coupling for Blue Grass, Left Side	.25
" 660 Eye Bolt for Blue Grass	.10
" 661 Nut Lock for Blue Grass	.05
" 724 Beam Head for Steel Beam on Blue Grass	.50

Repairs for One-Horse, Five, Seven, and Fourteen-Tooth Cultivators, Etc.

	Price Each
Blades 1 1/4 to 2 inches wide, with Bolt	\$0.20
Blades 3 and 4 inches wide, with Bolt	.25
Blades 3 and 4 inches wide, with Socket and Set Screw	.40
Gauge Wheel complete with Shanks	1.00
Gauge Wheel only	.50
Handles finished, put together, per pair	1.00
Handle Braces, per pair	.30
Horse Hoes complete per set (No. 6, 7 and 8)	1.50
Side Horse Hoes, per pair (Nos. 7 and 8 only)	1.00
Side Braces, extra per pair	.30
Standards or Shanks for Five and Seven-Tooth	.50
Spreader Bar Clamp for Plain Cultivators	.20
Sweep (No. 6) center or Rear Shovel for Horse Hoes	.50
Tooth-Clamp for Fourteen-Tooth Cultivator	.10
Tooth for Fourteen-Tooth Cultivator	.10
" K Washer on Bull Tongue to attach to Round Shank	.10
" RP Fork for Garden Plow (M & T style)	.20
" 1AX Horse Hoe Back, Ball and Socket style	.30
" 2AX Horse Hoe Back, Ball and Socket style	.30
" 2E Wheel Nut for Spreader Clamp (small)	.20
" 3A Clamp for Teeth on Fourteen-Tooth	.10
" 3E Handle Washer	.05
" 4A Thumb Nut	.03
" 8B Wrench (M & T style)	.15
" 48 Bracket Eye on Fourteen-Tooth Frame	.20
" 125 Pall Latch for Hand Lever on I X L	.10
" 188 Wheel Nut for Spreader Clamp (large)	.25
" 268 Head for I X L Frame	.40
" 269 Clevis for I X L	.20
" 270 Wrench for I X L	.20
" 271 Clevis Pin	.10
" 274 Top Plate for I X L Head	.30
" 275 Bottom Plate for I X L Head	.30
" 284 Socket for Blade on Round Shank	.30
" 285L Socket for Horse Hoe, Left Hand	.40
" 286R Socket for Horse Hoe, Right Hand	.40

No		Price Each
299	Wheel Shank for I X L	\$0.50
" 317	Clevis Hook	.20
" 331	Latch Casting on Lever	.20
" 345	Ratchet Casting for I X L	.50
" 346	Side Bar Hinge Casting for I X L	.20
" 347	Center Slide for I X L with Lever	.50
" 348	Foot Piece on Hand Lever for I X L	.20
" 376X	Extra Side Brace Casting	.20
" 377	Pall Latch on Lever	.20
" 378	Ratchet Key	.10
" 379	Socket for Key (top) for Single Bar Frame	.05
" 380X	Socket for Key (bottom) for Single Bar Frame	.05
" 381	Bottom Center Bar Clamp on Single Bar Frame	.20
" 382	Top Center Bar Clamp on Single Bar Frame	.20
" 384	Ratchet on Single Bar Frame	.40
" 391--	Gauge Wheel for Single Bar Frame (Western style)	.50
" 392--	Shank for Western Style Gauge Wheel, Right Hand	.20
" 393	Shank for Western Style Gauge Wheel, Left Hand	.20
" 422	Eye for Spreader Bar Clamp	.10
" 498R	Horse Hoe Casting (G & T style) Right Hand	.20
" 498L	Horse Hoe Casting (G & T style) Left Hand	.20
" 499R	Draw Head for (G & T style) Wheel Shank, Right Hand	.10
" 499L	Draw Head for (G & T style) Wheel Shank, Left Hand	.10
" 525--	Washer Head on Center Bar FF Five-tooth and I X L Fourteen-tooth	.10
" 526--	Clamp Washer on FF Five-tooth and I X L Fourteen-tooth	.10
" 617	Gauge Wheel for I X L	.50
" 718	Base Casting for Spring Tooth Holder	.25
" 719	Cap for Spring Tooth Holder	.20
" 757	Eye Bolt for Spreader Clamp on No. 1 I X L Plain	.20

Repairs for Shovel Plows

	Price Each
Beam (Steel) for I. B. S. S. Plows	\$1.50
Beam (Steel) for I. B. and W. B. D. S. Plows, long	1.00
Beam (Steel) for I. B. and W. B. D. S. Plows, short	.75
Beam (Wood Center) for W. B. D. S. Plow	.75
Beam (Wood) for No. 14 D. S. Plow	.75
Blade, with Bolt, for D. S. Plow	.40
Blade, with Bolt, for S. S. Plow	.80
Bull Tongue, with Bolt	.30
Fender	.50
Handles, finished, put together, per pair	1.00
Handles, finished loose, per pair	.60
Standards (Wood) for No. 14 D. S. Plow	.75
No. C4 Ratchet Cross Piece for No. 26 Plow, Right Hand	.20
" C5 Ratchet Cross Piece for No. 26 Plow, Left Hand	.20
" E95 Adjustable Open Boot for No. 26 Plow	.50
" 1L Loop on Hook for Wing S. S. Blade	.05
" 3 Clevis for Malta Hook	.20
" 4 Malta Hook	.35
" 5 Link for No. 4 and No. 317 Hooks	.05
" 9E Back for Wailes Mortgage Lifter Heel Slide	.40
" 10 Clevis for Brown Wood Beam	.40
" 10B Wrench for No. 10 Clevis	.15

	Price Each
No. 11 Tail Nut for Blade Bolt	\$0.05
" 15X Clevis for No. 39 Plow	.30
" 16X Clevis Pin for No. 39 Plow	.10
" 115P Cup for Steel Beam Plow	.05
" 116 Cup for Wood Beam Plow	.05
" 126 Wedge for Wood Beam Plow	.20
" 143 Yoke for Fenders	.20
" 160 Patent Brace for Long Beam	.25
" 161 Patent Brace for Short Beam	.20
" 260 Plug Washer for Patent Slot Foot	.10
" 205 Ratchet Brace for Short Beam	.20
" 296 Washer for Ratchet Brace	.05
" 297 Ratchet Brace for Short Beam	.20
" 298 Clevis for No. 8 Plow	.30
" 317 Hook for No. 298 Clevis	.20
" 417 Beam Casting for Zanesville W. B. Plow	.25
" 418 Wedge (right hand) for Zanesville Wood Beam Plow	.20
" 419 Wedge (left hand) for Zanesville Wood Beam Plow	.20
" 540 Open Boot	.60
" 736 Foot Casting for Perfection Garden Plow	.05
" 738 Clevis and Wrench for No. 23 Plow	.25

Repairs for Brown Harrows

	Price Each
Bars (wood) finished ready for Teeth for Wood Frame	\$1.00
Bars (steel) for Steel Frame	1.00
Clip Bolts with Nuts	.05
Connecting Bars (steel)	1.00
Draw Chain for Excelsior Wood Frame	.70
Draw Bar complete with Irons for Two Section Steel Frame	3.00
Draw Bar complete without Irons for Two Section Steel Frame	2.00
Draw Bar complete with Irons for Three Section Steel Frame	4.00
Draw Bar complete without Irons for Three Section Steel Frame	3.00

	Price Each
Draw Bar complete with Irons for Four Section Steel Frame	\$5.00
Draw Bar complete without Irons for Four Section Steel Frame	4.00
Draw Bar (short) for Combination Evener	1.00
Lever (wood) complete for Three Section Excelsior Wood Frame	.80
Lever (steel) complete for Steel Frame	1.00
Runners for Two and Three Section Excelsior Wood Frame	.75
Runners for Two and Three Section Steel Frame	.20
Spreader Bar (wood) for Excelsior Wood Frame	.30
Steel Teeth, Headed	.08

No.	H		Price Each
No.	H	Rear Clamp for Teeth on Steel Angle Bar	\$0.10
"	OB	Ratchet Key for Lever on Steel Angle Bar Frame	.20
"	XX	Key for Lever on Wood Frame	.20
"	O2	Front Clamp for Teeth on Steel Angle Bar Frame	.10
"	2P	Lever and Bar Casting on Wood Frame	.10
"	3XX	Ratchet for Lever on Wood Frame	.20
"	5	Link for Clevis Hook No. 317	.05
"	5XX	Ratchet for Lever on Wood Frame	.10
"	6	Rear Lever Post on Three Section (Excelsior) Wood Frame	1.00
"	O7	Front Lever Post on Three Section (Excelsior) Wood Frame	.50
"	7	Long Bar Casting for Wood Frame	.35
"	8	Casting for End of Lever on Three Section (Excelsior) Wood Frame	.35
"	9	Pin for Hinge on (Excelsior) Wood Frame	.10
"	10X	Hook under Lever on Three Section (Excelsior) Wood Frame	.10
"	11X	Double Hook on Center Bar Three Section (Excelsior) Wood Frame	.15
"	13	Hinge Casting for Two Section (Excelsior) Wood Frame, Right Hand	.40
"	14	Hinge Casting for Two Section (Excelsior) Wood Frame, Left Hand	.40
"	125	Pall Latch for Hand Lever	.10
"	317	Hook to connect Evener Bar on Steel Frame	.20
"	317X	Hook (heavy pattern) to connect Evener Bar on Steel Frame	.25

No.			Price Each
No.	0331	Ratchet Casting on Lever for Angle Bar Steel Frame	\$0.20
"	389	Center Connection for attaching Lever on Steel Angle Bar	.50
"	390	Ratchet on Steel Angle Bar	.75
"	704	Ratchet on Steel U Bar	.30
"	705	Lever Shifting Casting for Steel U Bar	.30
"	705X	Lever Shifting Casting for Steel U Bar, New Style	
"	706R	Shifting Casting for Steel U Bar, Right Hand	.20
"	706RX	Shifting Casting for Steel U Bar, Right Hand New Style	.20
"	706L	Shifting Casting for Steel U Bar, Left Hand	.20
"	706LX	Shifting Casting for Steel U Bar, Left Hand New Style	.20
"	707	Lock Casting that fastens Steel U Bar to Eye Bar	.10
"	728R	Right Side Shifting Casting for U Bar	.20
"	728L	Left Side Shifting Casting for U Bar	.20
"	1/2	Tooth Holder for 1/2 inch Tooth on Steel U Bar	.10
"	9/16	Tooth Holder for 9/16 inch Tooth on Steel U Bar	.10
"	3/8	Tooth Holder for 3/8 inch Tooth on Steel U Bar	.10
"	3241X	End Connection (straight) for Steel Angle Bar	.40
"	3251X	End Connection (Right Hand) for Steel Angle Bar	.40
"	3261X	End Connection (Right Hand) for Steel Angle Bar	.40
"	3271X	Center Connection (straight) for Steel Angle Bar	.50
"	3281X	Center Connection (Right Hand) for Steel Angle Bar	.50
"	3291X	Center Connection (Left Hand) for Steel Angle Bar	.50

Repairs for One and Two Horse Corn and Cotton Planters.

	Price Each
Blade with Bolt, opening or covering	\$0.30
Blade with Attachment, opening or covering	.40
Gauge No. 6X for Seed Wheel in Seed Box for Champion	.75
Handles for One-Horse, complete, finished, per pair	1.00
Hopper No. 4 for corn on Champion	.75
Hopper No. 2 for Imperial and Faultless	.50
Link Drive Chain complete	1.00
Spout No. 1 for Imperial and Faultless	.40
Spout No. 5 for Champion	.40

No.			Price Each
No.	1P	Agitator for Imperial and Faultless	\$0.60
"	2P—	Seven Hole Feed Wheel for Imperial and Faultless	.40
"	3P—	Three Hole Feed Wheel (oblong) for Imperial and Faultless	.40
"	4A	Thumb Nut	.03
"	4P—	Three Step Drive Wheel for Imperial and Faultless	.80
"	5P—	Four Hole Drive Wheel for Imperial and Faultless	.40

		Price Each
No. 6P—	Bevel Wheel for Imperial and Faultless.....	\$0.40
" 7P—	Ten-hole Feed Wheel for Imperial and Faultless.....	.40
" 8P—	Spring Cap for Imperial and Faultless.....	.20
" 9P—	Brush Casting for Imperial and Faultless.....	.20
" 10P—	Adjustable Bearing for Feed Rod on Imperial.....	.40
" 10PX—	Adjustable Bearing for Feed Rod on Faultless.....	.40
" 11PX—	Driver Wheel for Imperial and Faultless, regular Tire.....	1.50
" 11PXX—	Drive Wheel for Imperial and Faultless, wide Tire.....	1.75
" 12P—	Spreader Casting for Feed Rod on Imperial.....	.40
" 12PX—	Spreader Casting for Faultless.....	.40
" 13P—	Base Feed Plate for Imperial and Faultless.....	.80
" 14P—	Shield Cap for Miter on Imperial and Faultless.....	.80
" 15P—	Miter Wheel for Feed Shaft on Imperial and Faultless.....	.40
" 16P—	Cap for Base Plate on Imperial.....	.40
" 17P—	Force Feed for Cotton on Imperial and Faultless.....	.10
" 18P—	Detachable Cog for No. 11PX.....	.75
" 19P—	Spreader Casting for Faultless.....	.20
" 20P—	Base Feed Plate for Faultless Improved.....	.80
" 21P—	Cotton Force Feed for Faultless Improved.....	.25
" 22P—	Washer for Base Feed Plate on Faultless.....	.05
" X—	Force Feed for Corn Attachment on Imperial and Faultless.....	.05
" Z1—	Drive Wheel for Champion, regular Tire.....	1.50
" Z1X—	Drive Wheel for Champion, wide Tire.....	1.75
" Z2—	Base Casting for Corn Attachment on Champion.....	.60
" Z3—	Light Seed Wheel for Corn Attachment on Champion.....	.30
" Z4—	Casting for Corn Hopper on Champion.....	.40
" Z5—	Agitator Wheel for Cotton Box on Champion.....	.40
" Z7—	Side Sprocket Wheel on Champion.....	.30
" Z8—	Sprocket Wheel, 12 teeth, for Champion.....	.25
" Z9—	Sprocket Wheel, 8 teeth, for Champion.....	.20
" Z10—	Beveled Gear Wheel for Corn Attachment on Champion.....	.30
" Z11—	Spring Clamp on Corn Hopper on Champion.....	.20
" Z12—	Main Feed Rod Cap for Champion.....	.20
" Z13—	Force Dropper Wheel for Corn Attachment on Champion.....	.30

		Price Each
No. Z14—	Sprocket Wheel for Chain, 11 teeth, on Champion.....	\$0.20
" Z15—	Spring Feed for Corn Attachment on Champion.....	.20
" Z16—	Spring Feeder Cap for Corn Attachment on Champion.....	.20
" Z17—	Standard for attaching Spool for Champion Chain Tightener.....	.30
" Z18—	Main Bottom Plate for Champion Cotton Box.....	.60
" Z19—	Bracket for Drive Wheel on Champion.....	.30
" Z20—	Small Spool for Champion Hopper Rod.....	.10
" Z21—	Spool for Chain Tightening on Champion.....	.30
" Z22	Back for Furrow Opener Blade.....	.20
" Z22X—	Four-hole Seed Plate for Champion Corn Attach- ment.....	.20
" Z23—	Three-hole Seed Plate for Champion Corn Attachment.....	.20
" Z24—	Six-hole Plate ½ inch Hole for Champion.....	.20
" Z25X—	Blank Plate for Corn Attachment.....	.20
" Z26—	Sorghum Plate for Corn Attachment.....	.20
" 335	Ratchet Casting for Break Pin on Champion standards.....	.20
" 336	Ratchet Washer for Break Pin on Champion Standards.....	.05
" 461	Thumb Nut.....	.03
" 464X—	Drive Wheel for Dow-Law.....	1.00
" 465—	Bottom Plate for Hopper on Dow-Law.....	.60
" 466X—	Main Eccentric Shaft on Dow-Law.....	.50
" 467—	Eccentric Shaft for Hopper on Dow-Law.....	.20
" 468X—	Four-finger Agitator for Dow-Law.....	.20
" 469—	Eccentric Washer to Regulate Feed on Dow-Law.....	.05
" 470—	Half Thimble Boxing for Dow-Law Hopper.....	.05
" 471—	Whole Thimble Boxing for Dow-Law Hopper.....	.05
" 472X—	Hitch Casting for Dow-Law.....	.60
" 474—	Washer for Dow-Law Feed Lever.....	.03
" 570—	Idler for Two-Horse Planter.....	.20
" 619—	Collar used on Champion.....	.03
" 683—	Main Axle Hanger used on Two-Horse Planter.....	.75
" 684—	Sprocket Wheel with Clutch Attachment for Two- Horse.....	.60
" 685—	Clutch for Two-Horse.....	.35
" 686—	Washer for Arm that lifts Beam on Two-Horse.....	.20
" 679—	Hanger for Dixie.....	.30

	Price Each
No. 680— Main Eccentric Shaft for Dixie	\$0.50
" 681— Drive Wheel for Dixie (no rims)	1.00
" 682— Detachable Rim for Dixie	1.00
" 687— Drive Wheel for Dow-Law Chain Drive	.40

	Price Each
No. 688— Star Agitator Wheel for Dow-Law Chain Drive	\$0.50
" 758— Standard Clamp for New Dow-Law	.20
" 759— Main Crank Shaft for New Dow-Law	.50
" 760— Bull Wheel Disc for New Dow-Law	1.00
" 761— Bottom Plate for Hopper for New Dow-Law	.60

Repairs for Stalk Cutter

	Price Each
No. 6F Leverer	\$1.20
" 7F Handle for Lever	.10
" 8F Key for Lever	.10
" S105 Ratchet for Lever	1.00
" 445R— Spider or Blade Casting, Right Hand	8.00
" 445L— Spider or Blade Casting, Left Hand	8.00
" 446— Shaft Collar	.25
" 447— Journal Box	.50
" 448— Hub Stop	.20

	Price Each
No. 449— Crank on Square Shaft	\$0.20
" 450— Lever Bar and Crank Holder	.25
" 500— Collar on Spring Holder	.20
" 516— Sand Band for Spindle	.10
" 696— Collar for 7 Knife, Solid Axle	.40
" 733— Spider or Blade Casting for Six Blade Machine	7 00
" 734— Bushing for Six Arm Spider Casting for Six Blade Machine	.40

Repairs for Georgia Stock

	Price Each
No. 183R Washer for Double Plow Stock, Right Hand ...	\$0.10
" 183L Washer for Double Plow Stock, Left Hand	.10
" 191 Washer for No. 1 Georgia Single Stock	.10
" 191X Washer for No. 2 Georgia Single Stock	.10
" 738 Clevis with Wrench	.25

Repairs for Two-Row Beet Cultivator

	Price Each
No. 713 Standard Holder	\$0.25
" 714 Washer for Standard Holder	.05
" 715 Coupling to connect Beam Bar	.20
" 716 Coupling on Axle to connect Beam Bar and Lift- ing Springs	.30
" 717 Hanger Holder	.20



The Brown Pivot Beam Rider Cultivating Potatoes.

