

THE ORIGINAL KALAMAZOO SPRING-TOOTH HARROWS,



MANUFACTURED BY

D.C. & H.C. REED & CO.

KALAMAZOO, MICH.

ONE & TWO
HORSE
CULTIVATORS,

AND
BROAD-CAST
SEEDERS.

ILLUSTRATED CATALOGUE

— OF THE —

KALAMAZOO SPRING TOOTH HARROWS, BROAD-CAST SEEDERS AND CULTIVATORS,

MANUFACTURED BY

D. C. & H. C. REED & CO.,

KALAMAZOO, MICH.



OFFICE AND FACTORY OF D. C. & H. C. REED & CO.

TO THE TRADE.

WE take pleasure in presenting you our New Illustrated Catalogue, in which, we think, you will find a most complete line of Floating Spring-Tooth Harrows, One and Two-Horse Spring-Tooth Corn Cultivators, and Broad-Cast Seeders.

We have placed herein only the latest and most approved styles in each line, and think that all the requirements of the trade are herein supplied.

Some improvements have been made within the past year, but we have retained, however, all the patterns of old styles, and can furnish such goods when desired.

The established reputation of our goods for superiority in material and finish, will be not only maintained, but our constant efforts will be to increase their excellence.

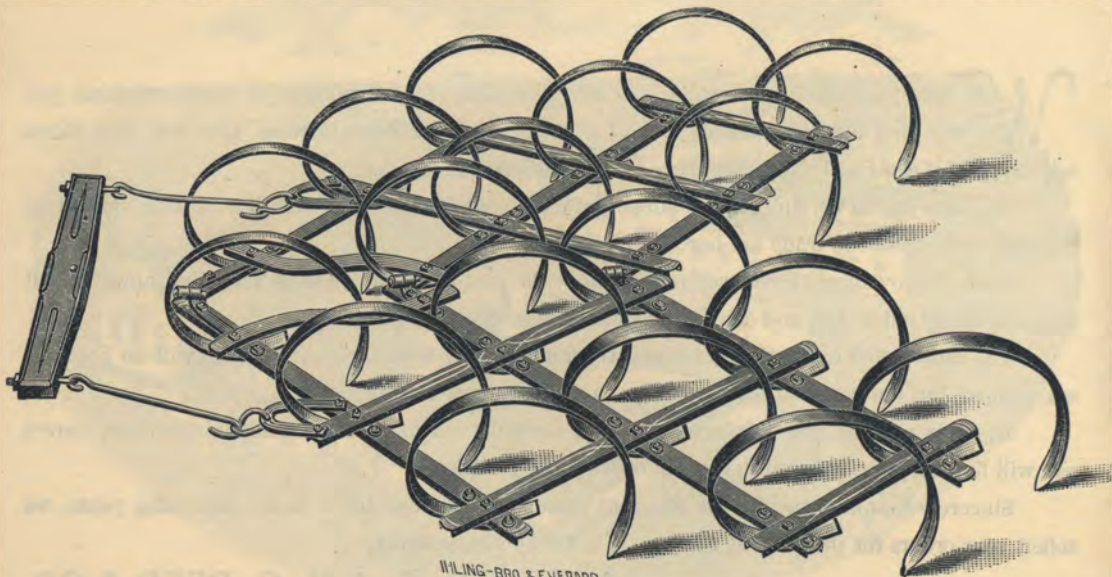
If, after reading this catalogue, you will carefully examine the machines described herein you will find they are fully up to the claims we make for them.

Sincerely thanking you for the generous patronage accorded to us in the preceding years, we solicit your orders for the ensuing season.

Yours Respectfully,

D. C. & H. C. REED & CO.

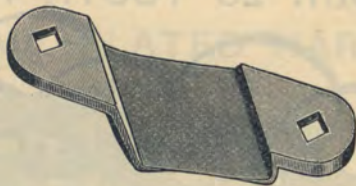
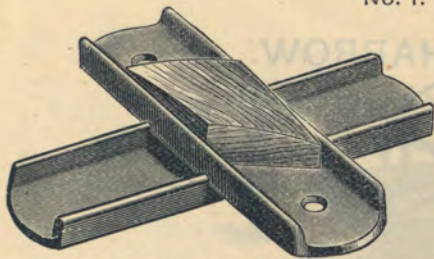
OUR 18 TOOTH STEEL FRAME HARROW.



WILSON-BRO. & EVERMERE.

The Only Steel Harrow in the Market Using a Wooden Seat.

No. 1.



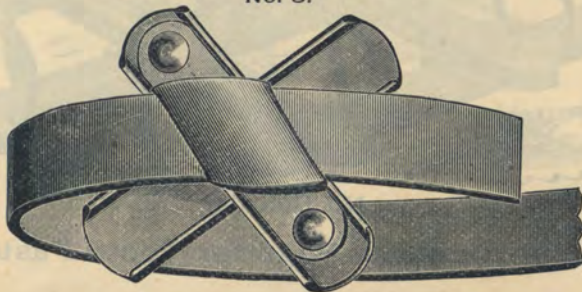
No. 2.

Cut No. 1 shows the Clip and section of Frame with Wood Seat, a feature possessed by no other Steel Harrow. No. 2 shows how the Clip acts as a Runner. No. 3 shows the Clip holding the Tooth in position, and also how the Bolt Heads are protected.

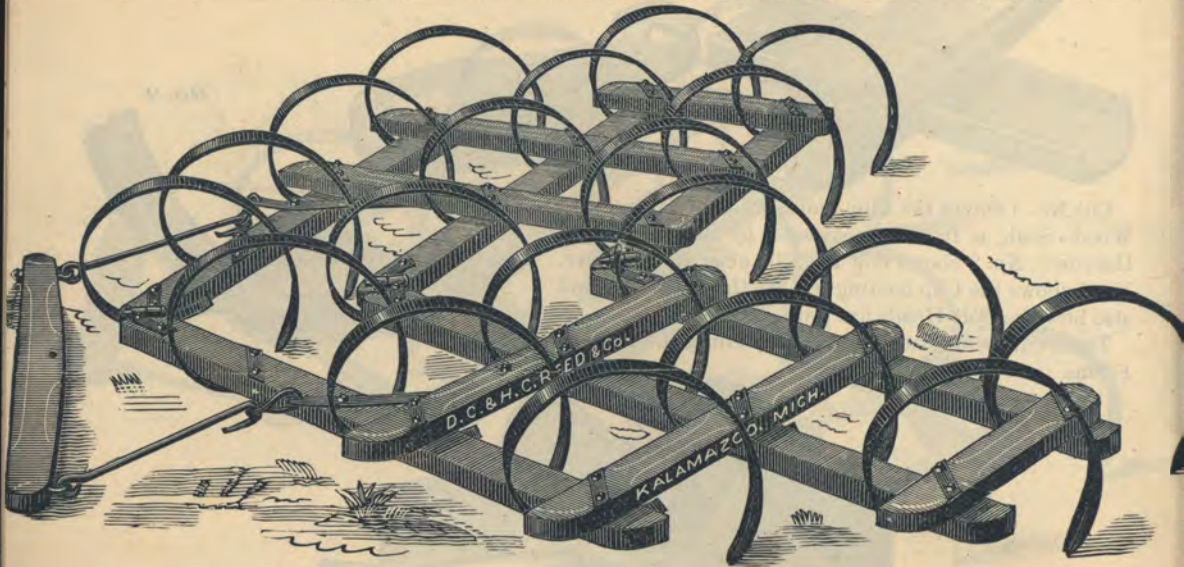


No. 3.

Teeth can be adjusted without loosening the Harrow Frame.



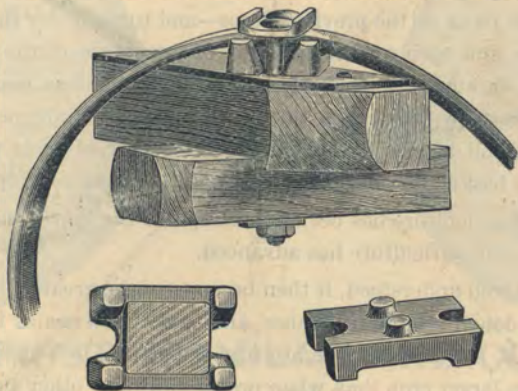
OUR 20 TOOTH HARROW.



No Guards.

See Cut on Opposite Page for Tooth Fastening.

WOOD FRAME PLATED HARROW,



**With Cast Tooth Holder and Wooden Seat. On this Harrow we use our New
Channelled Clip for Protecting Bolt Heads.**

NO FARMER WHO UNDERSTANDS HIS BUSINESS can doubt that Harrowing is the most important of the Farm Work in preparing the Soil for Crops. The plow merely turns over the soil that it brings up from below the surface—the soil which has been exhausted, in part, of its fertile elements by the roots of the previous crops—and turns under the surface which has been exposed to the atmosphere, and upon which a quantity of the refuse of the previous crop has fallen and decayed. It cannot do any more than this. If the farmer has manured the land, and has covered the manure by the plow, then even this work is only partially performed; for the soil and manure then lie in layers and need the final mingling together of their particles by the harrow, before the ground is in the best condition for the seed and the expected crop.

The whole history of agriculture has been an example of the importance of the harrow, and as the harrow has been improved, agriculture has advanced.

Now, this fact being well understood, it then becomes of the greatest importance that this most particular work should be done in the best manner, and to that end comes the **ORIGINAL KALAMAZOO SPRING-TOOTH HARROW**, which brings the ground to a high state of cultivation, and consequently, it will yield a larger crop than when prepared by any other implement. for the reason that it cuts the dirt from the bottom, pulverizes and shakes it up, leaving it in a loose and more porous condition than is the case with other harrows; and in so doing shakes out all the grass, thistles and weeds of every kind, and leaves them on the surface to die much quicker than if partially covered, as they always are when other implements are used.



AWARDED FIRST PREMIUMS AND GOLD MEDALS

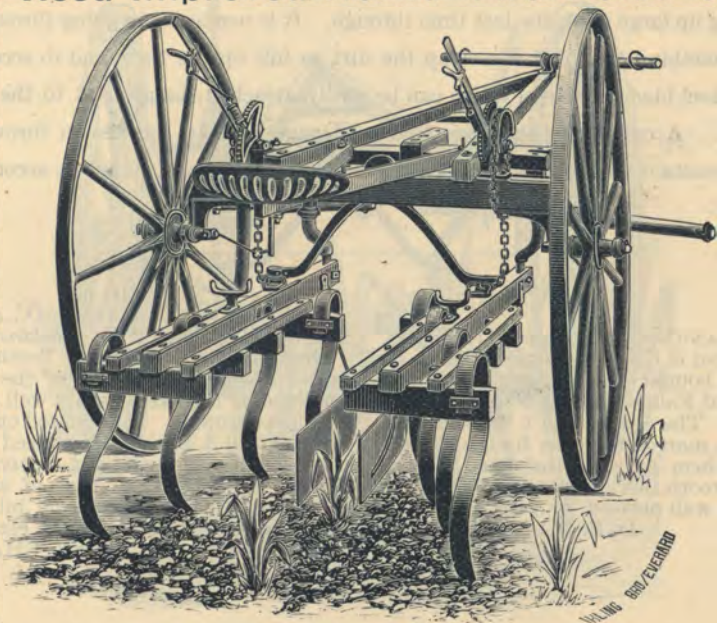
At the Charleston Industrial Exposition, at Charleston, S. C., in Dec., 1882. At the World's Industrial and Cotton Centennial Exposition, at New Orleans, La., in 1884-5, after a Trial lasting Four Months. First Premium and Bronze Medal at Louisville, Ky., Exposition. which commenced Aug. 8, 1885. and closed Oct. 24, 1885. Also First Premiums and Diplomas by competent and expert judges at numerous State and County Agricultural Expositions throughout the United States.

THE leading Two Horse Spring-Tooth Corn Cultivator now on the market, having gained popularity very rapidly.

What we claim for this machine is: First, that it is a first-class Corn Cultivator, simply constructed and so easily managed that a boy ten years old can operate it. Second, it is but the work of a few minutes to convert it from a Corn to a perfect Fallow Cultivator. See cut on page 17. Third, we make a short wood axle which any farmer can put in, and it gives him one of the best Bean Cultivators ever invented. See cut on page 17. Fourth, we make a seed box which can be attached to this machine, making it a complete Broad Cast Seeder. See page 21. See testimonials pages 29 to 32.

LEADS THEM ALL.

The New Reed Improved No. 10 Two-Horse Cultivator.



MADE BY EVERARD

LEADS THEM ALL

ON the opposite page the cut represents our No. 10 as a Corn Cultivator with the improved points for hilling up large corn, the last time through. It is necessary in going through corn the last time to have something that will throw up the dirt to hill up the corn, and to accomplish that we furnish a large steel blade or shovel which can be easily attached, being held to their place by two bolts and a clip. A cut of the shovel is shown on page 28. Its success in throwing up the dirt arises from the constant vibration of the spring teeth, a feature which cannot be accomplished by any shovel cultivator.

MECHANICSTOWN, O., Aug. 10, 1888.

D. C. & H. C. Reed & Co., Kalamazoo, Mich.:

Gentlemen—I bought one of your Combined Seeders, Corn and Fallow tools of Neill Brothers, East Rochester. The Seeder can't be beat as I will have enough more oats to pay for the cultivator by putting them in with the Reed. As a corn and fallow tooth there is none equal to the Reed. Am very well pleased with the tool.

D. B. HARDGROVE.

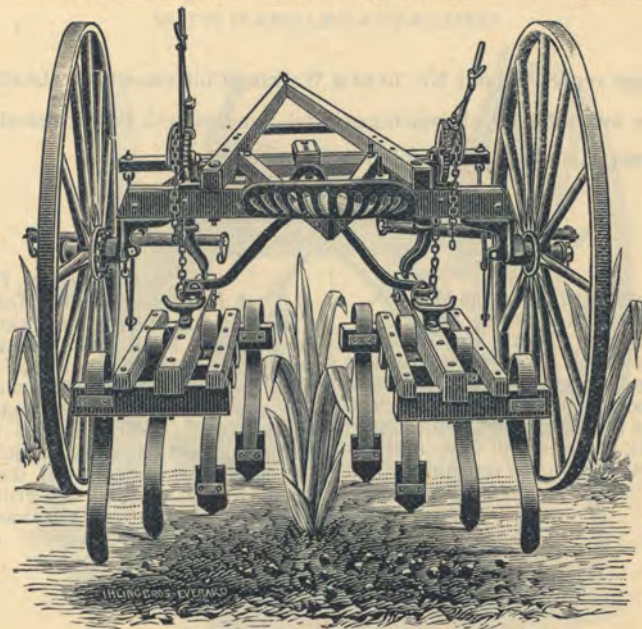
MALVERN, O., Aug. 25, 1888.

D. C. & H. C. Reed & Co., Kalamazoo, Mich.:

Gentlemen—Your Spring Tooth Cultivator is a grand success. It is one of the very few farm implements that are equally well adapted to hilly and level ground. I purchased one in the spring, of Crawford & Rock. Have used it for preparing corn stubble for oats, for cultivating corn and fallow. All with the best of satisfaction. It does better work in corn on hillsides than any other tool I ever saw. Yours, etc.,

CHAS. LOEHR.

With Shovels for Hilling Up Large Corn.



UT on opposite page represents our No. 10 as a Walking Cultivator with Handles and Low Hitch. We put the low hitch on all machines, and handles will be furnished when desired, on application. No farmer can afford to be without this machine.

NEW GORDEN, O., Aug. 11, 1888.

D. C. & H. C. Reed & Co., Kalamazoo Mich.:

Gentlemen—The Spring Tooth Cultivator I bought of your agents, Neill Bros., East Rochester, O., I consider the best corn worker made, I can guide it in crooked rows easier than the Hensh. It pulverizes all the ground, and leaves no weeds. I can work the Reed all day, and am no more tired at night than in the morning.

WM. BELOT.

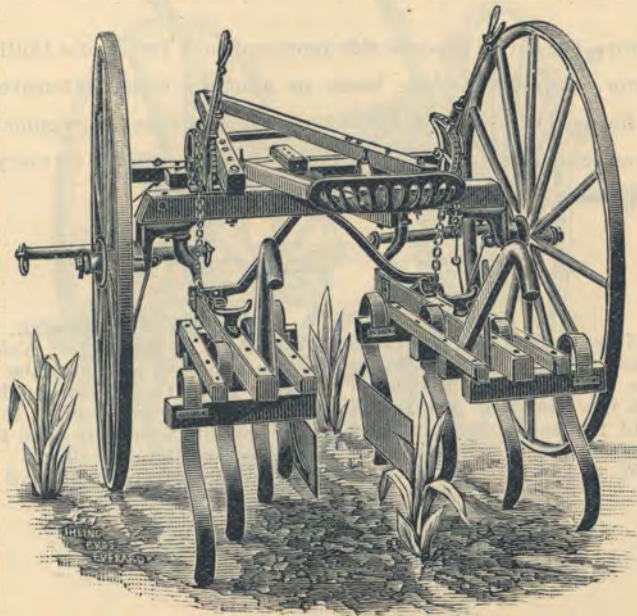
NEW GORDEN, O., Aug. 11, 1888.

D. C. & H. C. Reed & Co., Kalamazoo, Mich.

The Spring Tooth Cultivator I purchased of your agents, Neill Bros., East Rochester, O., I used with good satisfaction. Am so well pleased with the cultivator that I would not part with it for any other cultivator made. Changing the suction of the teeth is a fine feature over other spring tooth cultivators. Can't be beat for working corn, working corn all day and do not get tired at night, cuts all the ground. Don't fail to try a Reed before you purchase.

Yours respectfully, J. O. WALTON.

OUR NO. 10 AS A WALKING CULTIVATOR, WITH HANDLES ATTACHED.



OUR NO. 10 AS A WALKING CULTIVATOR
WITH HANDLES ATTACHED.

IN a new departure, the cut on opposite side represents our Two-Horse Cultivator as a Bean or Mint Cultivator. In section where beans or mint are raised extensively this machine is indispensable. It is finished with a wood axle 8 inches shorter than the regular cultivator. In the past two seasons it has established a reputation that will recommend it to every farmer wanting a cultivator for that purpose.

APPLE CREEK, O., Aug. 1, 1888.

We are much pleased with the Reed Spring Tooth Cultivator we purchased of Buchanan Bros. and think it is far ahead of any shovel cultivator. We would not sell ours unless we know we could get another like it.

W. S. & SAMUEL ORR.

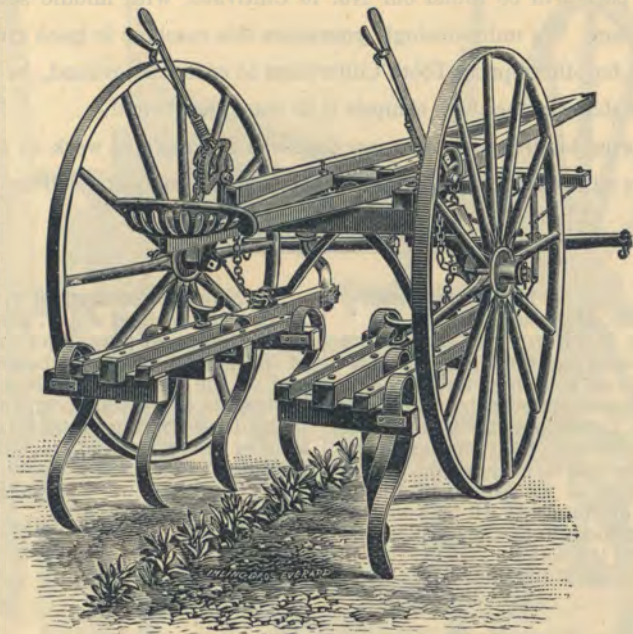
WADSWORTH, O., Sept. 1, 1888.

D. C. & H. C. Reed & Co., Kalamazoo, Mich. :

Gentlemen—I am doing the best work with the Spring Tooth Cultivator bought of your agents, that I ever saw in my life. It is the best tool I ever bought; would not take twice the cost if I could not get another like it.

Respectfully, JONAS C. BANGHAM.

Our No. 10 as a Bean and Mint Cultivator.



ON the opposite page will be found our No. 10 Cultivator with middle section, as a complete fallow Cultivator. We unhesitatingly guarantee this machine in hard ground, and especially where it is impossible for other Spring-Tooth Cultivators to enter the ground, as the construction of the tooth-bars and the shape of the teeth compels it to enter the ground.

It is the only spring-tooth fallow cultivator that will successfully work in trashy ground, as a glance at the machine will convince the farmer that it is bound to clear itself as the position of the teeth would indicate.

MEMPHIS, Tenn.

Messrs. Baker & Walker, Dyersburg, Tenn.:

Gentlemen—I wish to inform you that I am very much pleased with the Spring Tooth Harrows and Cultivators you sent me, and I speak the sentiments of numerous practical, progressive planters when I say I consider them the best implement I have ever seen. I say thanks to the Messrs. Reed & Co. for the invention and manufacture of them, and you as well for introducing them in our section of country. Hope you will continue to distribute them until they are in the hands of every tiller of the soil.

Very respectfully yours,

B. V. BOWDRE.

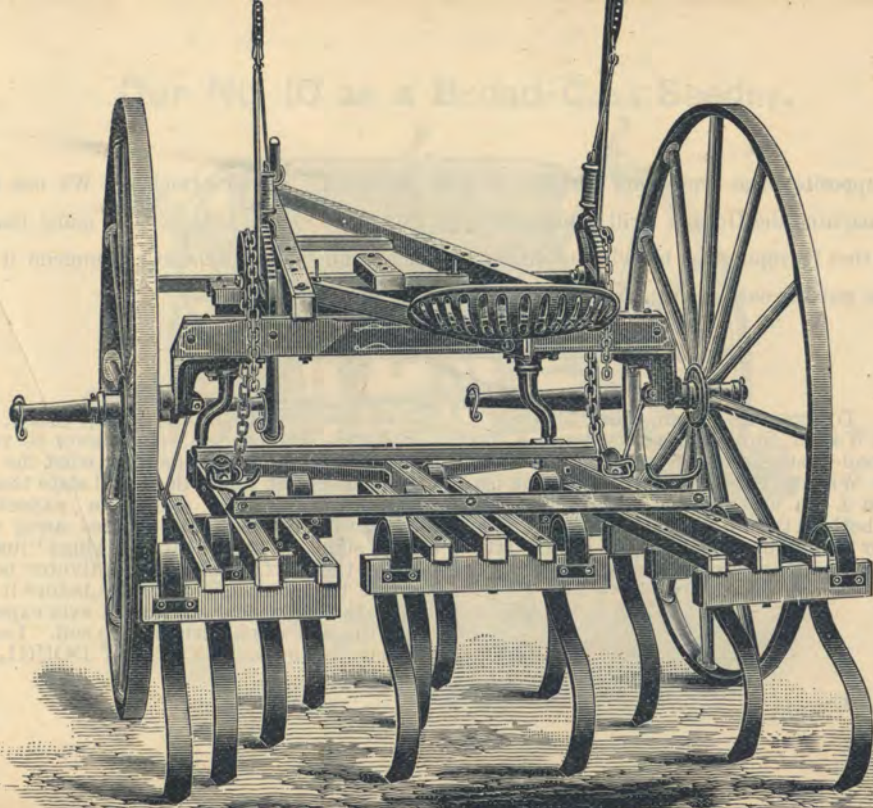
NORTH GEORGETOWN, O., Aug. 10, 1888.

D. C. & H. C. Reed & Co., Kalamazoo, Mich.:

Gentlemen—I purchased one of your cultivators of Neill Bros., East Rochester, O., and think it one of the best and easiest workers for either harrowing or working corn that I ever saw, can't be beat for stirring ground, can stir the hardest kind of fallow ground, would not do without it for three times its cost.

GODFREY BERGER.

The Best Fallow Cultivator on the Market.
Teeth Cannot Clog.



UT on opposite page represents our No. 10 with Broad-Cast Seeder attached. We use on this machine the Hoosier Drill Company's Seed Box, of Richmond, Ind. The name itself is a guarantee that its reputation is well established and needs no testimonials to recommend it to the trade. For putting oats on corn ground it has no equal.

DYERSBURG, Tenn., June 14, 1883.

Baker & Walker, Sirs:—I have used the Kalamazoo Broad-Cast Seed Sower and Cultivator bought by Watson Bros. of you for sowing my wheat, and I am well pleased with it. It does fine work, both on trashy and clean ground. It is far superior to any implement of the kind I have ever seen. I heartily recommend it.

Very truly,

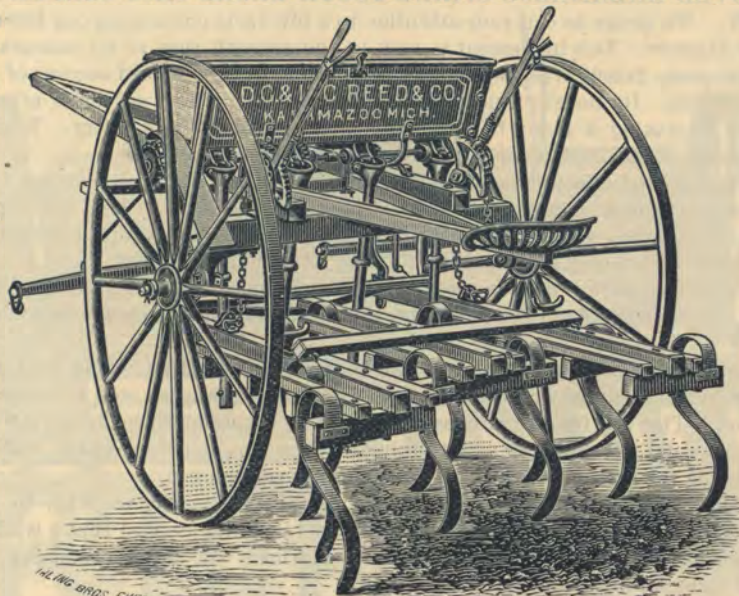
DAVID A. SHAW.

NEWBERN, Tenn., Oct. 8, 1883.

Baker & Walker, Sirs:—In answer to your request to give you a statement of what the Broad-Cast Seed Sower would do, I will state that it far surpasses my most sanguine expectations, although I was completely carried away with it at first sight. I have heard of things "just tearing up the turf," but this Cultivator not only tears it but shakes it to pieces before it puts it down—far surpassing anything I ever expected to see in the way of pulverizing the soil. I am very respectfully yours,

GUY DOUGLASS.

Our No. 10 as a Broad-Cast Seeder.



MILBRO BROS. EVERARD

THE IMPROVED KALAMAZOO SPRING-TOOTH BROADCAST SEEDER AND SULKY HARROW. We desire to call your attention to a few facts concerning our Broad-Cast Seeder and Sulky Harrow. This implement is now in the seventh year of its manufacture, and we think we do not prophesy falsely when we predict for it the most pronounced success of the decade in the class it represents. Its novelty and practicability are attracting universal attention, and its satisfactory work is making it many friends daily in all parts of the country. What we claim as points of superiority in this implement, we have classified as follows:

- 1st. Its rapidity and effectiveness in pulverizing and fitting hard fall plowing.
- 2d. Its success in making a perfect seed-bed in tough, new sod, without tearing it up.
- 3d. The convenience with which it can be controlled by the operator, whether riding or walking, lever being within easy reach and permitting its rapid adjustment.
- 4th. The effective work it does in roots, stumps and stones; the oscillating of the frame and the springing of the teeth keeping it free from breakages where other implements could not be used at all.
- 5th. The construction of the frame in two independent sections, which permits it to adapt itself to side hills, uneven ground and dead furrows—working equally as well in these trying places as on level ground. This is a feature possessed by no other spring-tooth seeder on the market.
- 6th. It has a solid wrought iron axle running through the machine, which will not allow the frame to sag, causing the section to bind and the wheels to run uneven.

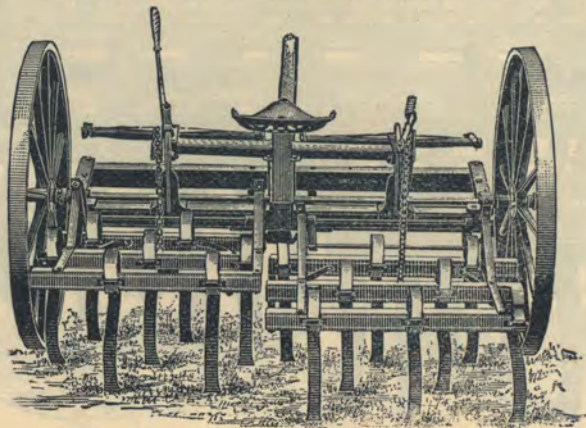
With this brief recapitulation of the merits of this implement we wish to unhesitatingly recommend it to farmers desirous of possessing such a tool; feeling assured that a trial will prove the truth of our claims and result in its general adoption by farmers who aim to economize, not only their money, but their time, strength and patience.

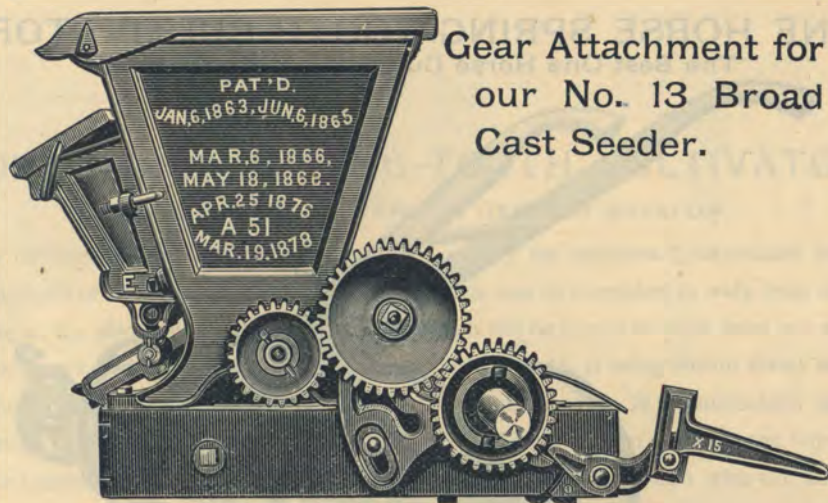
~THE IMPROVED~
KALAMAZOO SPRING-TOOTH BROADCAST SEEDER.





— OUR TWO HORSE —
SULKY HARROW.



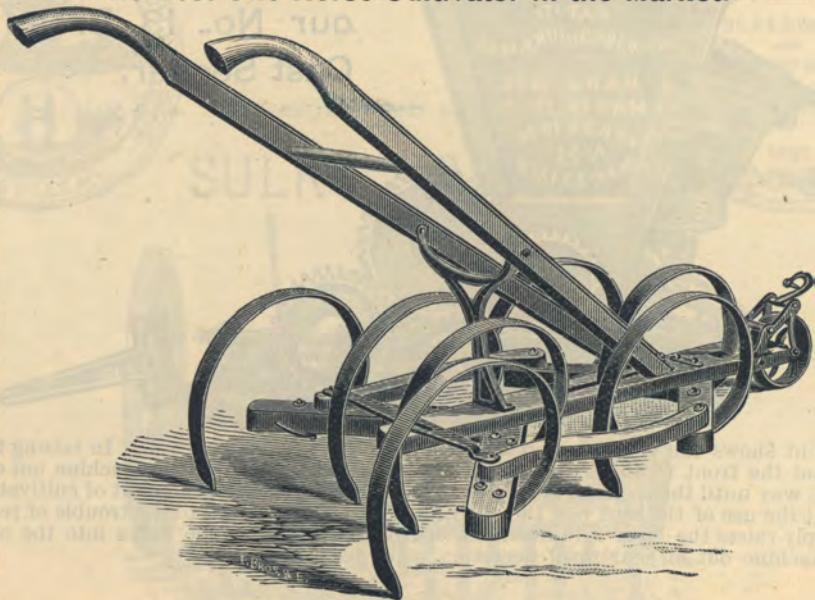


Gear Attachment for our No. 13 Broad Cast Seeder.

This cut shows the gear used on the Broad-Cast Seeder (see page 23). In raising the sections to turn round the front tooth bar strike the lever X15 which throws the machine out of gear and remains that way until the sections are lowered again. Where a small amount of cultivating is to be done without the use of the seed box the operator does not have to go to the trouble of removing the box but simply raises the lever X15 until the dog on the opposite side drops into the notch which holds the machine out of gear until necessary to be used again.

ONE HORSE SPRING-TOOTH CULTIVATOR.

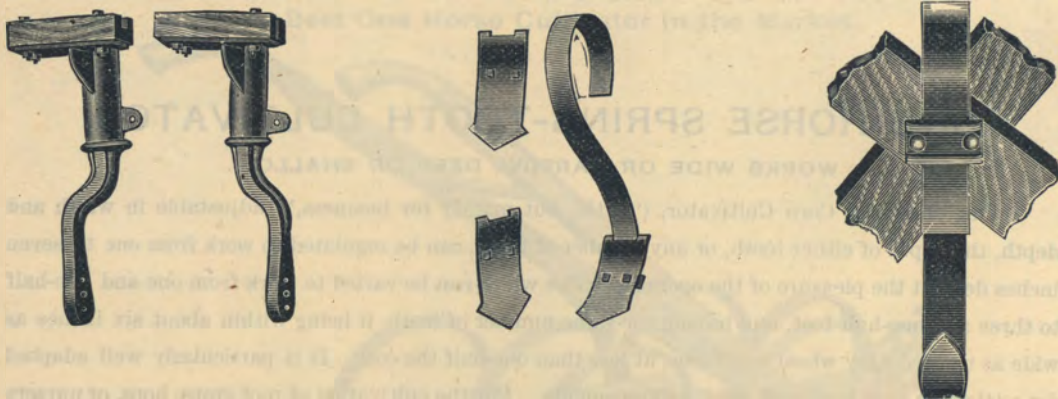
The Best One Horse Cultivator in the Market.



ONE HORSE SPRING-TOOTH CULTIVATOR.

WORKS WIDE OR NARROW, DEEP OR SHALLOW.

Our one-horse Corn Cultivator, ("little, but mighty for business,") adjustable in width and depth, the depth of either tooth, or any number of them, can be regulated to work from one to seven inches deep at the pleasure of the operator. The width can be varied to work from one and one-half to three and one-half feet, and having the same number of teeth, it being within about six inches as wide as the ordinary wheel cultivator, at less than one-half the cost. It is particularly well adapted for settlers on new land with small improvements. For the cultivation of root crops, hops, or nursery stock, this Cultivator, when once tried, is considered indispensable, and with all its advantages considered, we think it is the cheapest Cultivator ever offered to the farmer, gardener, nurseryman or planter.



REVERSIBLE PENDANTS.—A feature possessed by no other Spring-Tooth Cultivator in the market, by simply removing one bolt in each pendant and turning the same outward converts it from a corn to a fallow cultivator.

The shovels represented are for hilling up large corn and can be easily attached to the teeth

The new channeled clip for protecting bolt heads is also represented on this page and is a feature worth considering by every farmer, as it fully protects the bolt heads

WADSWORTH, O., Aug. 21, 1888.

D. C. & H. C. Reed & Co., Kalamazoo, Mich.:

Gentlemen—The Spring Tooth corn and field cultivator purchased of your agents, Leatherman & Smith, has proved a perfect success. It is the only tool I ever saw which comes up to my idea of the way corn should be worked. As a field cultivator it is complete. Since borrowing an ordinary shovel, wheel cultivator, no agent could ever sell me one.

H. O. HINSDALE.

WADSWORTH, O., Sept. 1, 1888.

D. C. & H. C. Reed & Co., Kalamazoo, Mich.:

Gentlemen—The Spring Tooth Cultivator bought of your agents, Leatherman & Smith, last spring gives me entire satisfaction and does more than I expected of it. I believe that for economy in time, and quality of work it is the best investment I ever made in buying a tool. I would say to those who expect to buy a tool of this kind to be sure and buy a Reed.

H. E. BOHICH.

WESTERN STAR, O., Aug. 15, 1888.

D. C. & H. C. Reed & Co., Kalamazoo, Mich.:

Gentlemen—The Spring Tooth Cultivator bought of your agents, Leatherman & Smith, does more than I expected of it. I find it especially valuable in working hill sides, as it leaves the ground smooth, thereby saving washouts, which invariably result from using shovel cultivators. It does better work in both corn and fallow, and leaves the ground in leveler and smoother condition than any other tool I ever saw, I wouldn't trade it for twice its value in shovel cultivators, or for any other spring tooth cultivator.

O. R. REAM.

WESTERN STAR, O., Aug 15, 1888.

D. C. & H. C. Reed & Co., Kalamazoo, Mich.:

Gentlemen—I bought one of the Spring Tooth Cultivators of your agents, Leatherman & Smith, last spring, and have used it for preparing corn stubble for oats, cultivating corn and fallow. And I can truthfully say that it beats any other tool I ever saw in all kinds of work. It is the best investment I ever made in buying a tool for my farm, and I wouldn't do without it for considerable more money than the price of it. To any one needing a cultivator, I would say buy a Reed Spring Tooth and make no mistake.

THOS. W. DUTT.

MELVERN, O., Sept. 14, 1888.

D. C. & H. C. Reed, Kalamazoo, Mich.:

Gentlemen—I have used both an Albion and Reed cultivator and think the Reed superior. The Reed will not choke in foul ground, it has means of adjusting teeth which other Cultivators have not and will hug the ground closer, and would say to any one wishing to buy a cultivator to try a Reed.

Respectfully,

K. G. POTTORF.

AUGUSTA, O., Aug. 11, 1888.

After carefully testing the Reed Cultivator by plowing in the roughest ground and having attended 13 acres of corn with it I can say that I would not farm without it for three times its cost. I can cheerfully recommend it to every farmer as No. 1. My boy plowed among stumps and stones with the plow set to the lowest notch and it worked perfectly satisfactorily. I told the agents that if I could plow a certain rough piece of ground I would buy the plow. He said break it if you can. I plowed the ground easily and well and did not break or injure anything. I think the plow as good as the best.

MOTIMER MANFULL.

MECHANICSTOWN, O., Aug. 10, 1888.

D. C. & H. C. Reed, Kalamazoo, Mich.:

Gentlemen—I purchased one of your Spring Tooth Cultivators and Seeders combined of Neill Bros., East Rochester, O., put in our oats with the seeder and it paid us big, had better oats than by plowing the ground and oats stood up better, as a corn worker it beats them all. The teeth being adjustable for all kinds of ground is a fine improvement over other Spring Tooth Cultivators. I cheerfully recommend it to any one contemplating buying a cultivator.

Yours very respectfully

G. W. YODER.

BAYARD, O., Aug. 9, 1888.

D. C. & H. C. Reed, Kalamazoo, Mich..

Gentlemen—I bought one of your Spring Tooth Cultivators of Neill Bros., this spring cultivated my oats in without plowing, and think it is the way to put in oats. And for working corn and potatoes it is the best tool I ever saw in a field.

Yours respectfully,

J. W. HAHN.

UNIVERSITY FARM, Madison, Wis., April 19, 1880.

Dear Sir—The Kalamazoo Spring-Tooth Harrow or Cultivator which you introduced on the farm, I have tested: first, on fallow land where I had sown wheat, oats and barley; then, on sod of June grass, or Kentucky Blue Joint, which was broken in September, 1879; then, on corn stubble—on all of which it did good work and gave perfect satisfaction. As you recommended it to work on ground where roots, stones and grubs existed, I gave it a trial on ground adjoining the new Assembly Hall, part of which is covered with withered forest trees, part sod and part earth of basement of the building. Said land I wished to seed to grass, and I found it would do all and more than you recommended, pulverizing the soil fine enough for garden seed. As a mulcher and pulverizer of the soil, I have never seen its equal. I consider it a success, and when introduced, bespeak its large sale. Farmers once using or seeing it used, will, I am confident, not be without it.

Respectfull yours,

E. G. HAYDEN, Supt. State University Farm.

RACINE, Wis., July 15, 1880.

Messrs. D. C. & H. C. Reed & Co., Kalamazoo, Mich.

Gents—This spring I was induced by your agent, David Lawton, Esq., to purchase one of your Spring Tooth Harrows, to use on my farm near this place. I find it an excellent harrow, and to do better work on sod than the revolving sod-cutter, and do it with less labor of the team.

Yours respectfully, J. I. CASE, Pres. J. I. Case Plow Co.

WILSON, Cheboygan Co., May 26, 1880.

Messrs. Silbernagel & Here.

Gents—In reply to yours, shall say that the Spring Tooth Harrow I purchased of you last spring, has given perfect satisfaction. It has saved me lots of time besides cultivating my land better.

Yours respectfully,

GEO. W. WEEDEN.

AUGUSTA, Wis., July 16, 1880.

D. C. & H. C. Reed & Co.:

Gentlemen—I bought of Hacket & Hibbard one of your 24-tooth Spring Harrows. I am more than pleased with the Harrow. Have used the Randall Harrow and different kinds of drags for

pulverizing. Your Harrow once over the ground, will do more good than going over the ground twice with the Randall Harrow. Indeed, it's the finest tool a man ever had on his farm. I would not sell it at any price. provided I could not get another. I would advise every farmer in want of a drag or a harrow to try one of these harrows.

EMBARASS, Wis., July 15, 1880.

Mr. C. W. Mott, Milwaukee, Wis..

Dear Sir—Mr. W. A. Sterling, of New London, has requested me to write to you my opinion of the Kalamazoo Harrow and Cultivator. I have tried it thoroughly, and can say with truth it is the best machine for the purpose I have ever used. For rough, stony, rooty ground, it cannot be beat. No farmer in a wooded country can afford to be without it.

Yours truly,

GEORGE WARREN.

BERLIN, Wis., July 20, 1880.

Gents—I am using one of your Spring Tooth Harrows, and have used it on all kinds of land, and think it one of the best drags I ever saw ; in fact, I like it so well that I would not part with it for twice what it cost.

FRED. COLMAN.

SHAWANG, Wis., September 10, 1884.

Messrs. Reed & Co.:

Gents—We have sold your Spring Tooth Seeders to the rootiest and toughest farms we have in this county, and they do not break teeth, and give the best of satisfaction. We like the Spring-Tooth Seeder.

UPHAM & RUSSELL.

SHARON, Wis., October 3, 1884.

Gents—We are more than pleased with the success we have with your Spring Tooth Seeder. It is certainly the best Cultivator on the market for any kind of ground.

Yours,

FIELD & WALCOTT.



DETROIT, UTAH, CO.