

CULTIVATORS

AND HAY RAKES.



P. P. Mast & Co.

SPRINGFIELD,  
OHIO.

PHILADELPHIA, PA.  
PEORIA, ILLS.

ST. PAUL, MINN.

SAN FRANCISCO, CAL.

A. ———  
**Buckeye**

- - MACHINE

AGENCY IN VICKSBURG.

Farmers interested in getting  
the best Mowing and Threshing  
Machine should call at the Dur-  
kee House and see the New  
Buckeye.

—♦—  
**REPAIRS!**

Also repairs and the  
Best Grade of MA-  
CHINE OIL in the  
MARKET.

Carson Durkee, Agt.

*June 22. 1894*

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MANUFACTURERS OF

# SUNBEAM AND EASY BUCKEYE CULTIVATORS.



ALSO MANUFACTURERS OF

BUCKEYE GRAIN DRILLS,

BUCKEYE COMBINED GRAIN AND FERTILIZER DRILLS,

BUCKEYE BROADCAST SEEDERS,

SPRINGFIELD BUCKEYE HAY RAKES,

LATEST IMPROVED BUCKEYE CIDER MILLS,

BUCKEYE LARD AND WINE PRESSES, ETC., ETC.

# THE NEW EASY BUCKEYE RIDING CULTIVATOR.

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**“SOMETHING NEW!”** is the cry the world over in all branches of trade and especially is it so as regards Agricultural Implements of all classes. The practical and progressive farmer is ever on the alert for improved machines, which will not only lighten his labors, but also work his soil to the best advantage, enabling it to return the best results.

It is therefore with great pleasure that upon issuing our new catalogue for this season we are in a position to not only again call attention to our already established and renowned Sunbeam line of Cultivators, but also to introduce to the notice of our patrons something **ENTIRELY NEW** in the Cultivator line, namely, our Nos. 13, 14 and 15 Easy Buckeye Riding Cultivators as herein illustrated and described. These Cultivators are not experiments, placed on the market for one season only, but carefully tested and practically proven successes and have “come to stay.”

Our No. 13 Easy Buckeye Riding Cultivator is an entirely new departure in the line of four-shovel Riding Cultivators, from the fact that the two outside shovels are not movable side-wise and the two inside shovels only are moved or guided by the operator in cultivating corn or other crops. This feature greatly reduces the labor of working the cultivator and enables the operator to do far better work by cultivating closer to the row and also between the hills, for the reason that the single shovel is easily and quickly guided in any direction at will.

This Cultivator is more perfectly balanced than any Riding Cultivator we have previously made and the seat is arranged lower making it more convenient to get on and off.

The depth of the shovels is regulated by the same chains and levers that raise the beams and by means of an extension or arm at front end of beams, the outside shovels can be forced into hard ground by attaching the draft rod to lower holes in this arm.

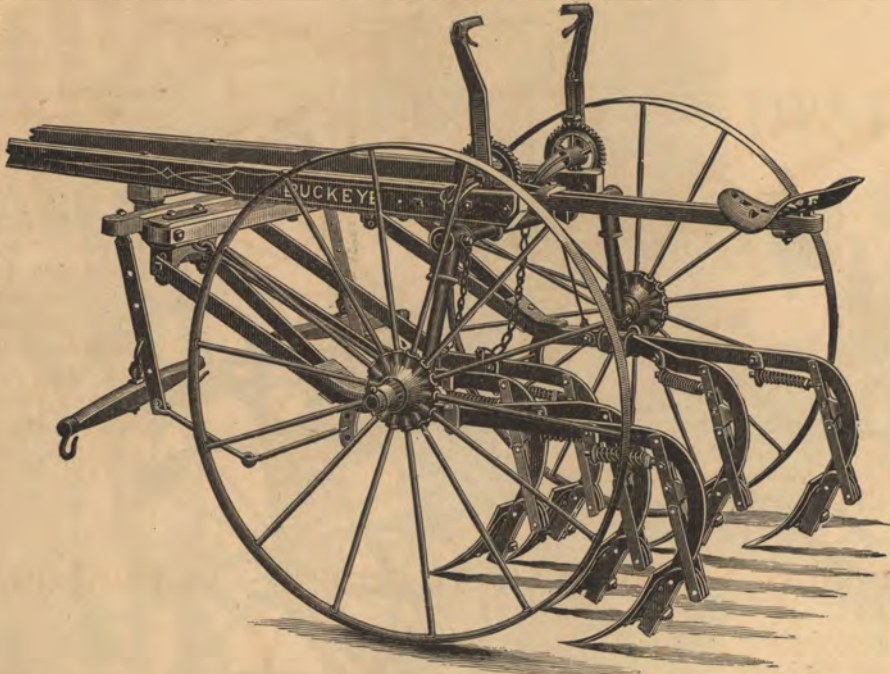
We confidently claim this to be the best Riding Cultivator that has ever been produced and one that will give better general satisfaction than any other.

Our No. 13 can be furnished with our Spring Shovel device, which is acknowledged to be the only practical one on the market. But if Spring Shovels are wanted, they must be specially ordered, as they cannot be added after the cultivator leaves our factory.



NO. 13 EASY BUCKEYE RIDING CULTIVATOR.

## THE NEW No. 14 EASY BUCKEYE RIDING CULTIVATOR.

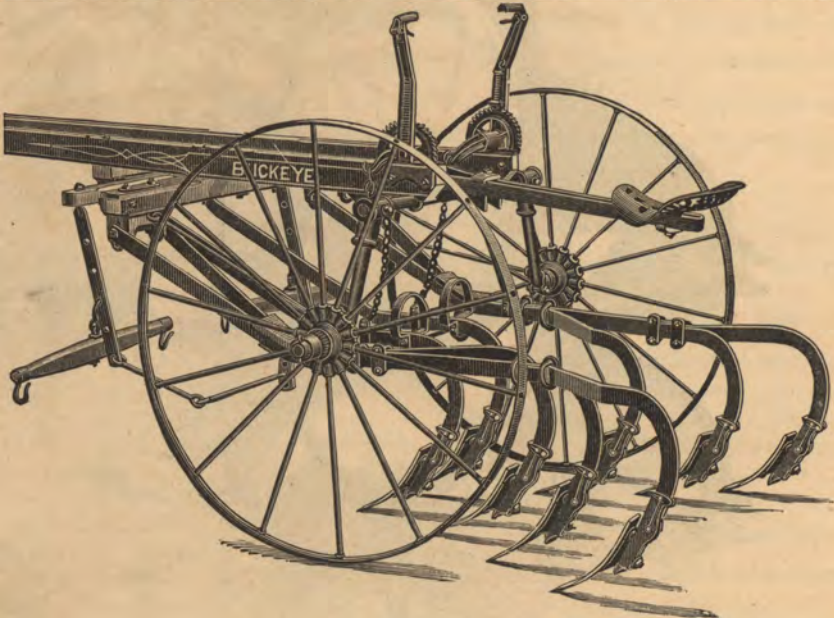


This Cultivator is built exactly similar to No. 13 described on second page of this catalogue, except that it is furnished with six narrow instead of four wide shovels, the extra shovels being added by clamping a short beam with one shovel, to the outer beams of the No. 13. The cut shows this Cultivator equipped with our Spring Shovels, but it is furnished with either pin or spring shovels as desired. We recommend this Cultivator for use on ground which is reasonably free from trash, and, like our No. 3½ Walker, is admirably adapted for level cultivation. At a small extra cost we can furnish a pair of Bar Shares or Hilling Shovels for hilling up the crop at last plowing.

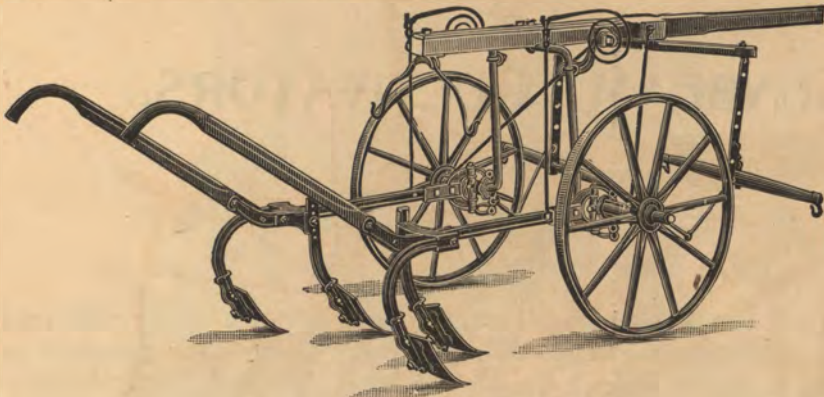
## THE NEW No. 15 EASY BUCKEYE RIDING CULTIVATOR.

The construction of this Cultivator is exactly similar to that of our No. 14, except that it is furnished with eight instead of six narrow shovels, the two extra shovels being added by clamping a short beam and shovel to the outside of each outer beam.

This Cultivator, like the No. 14, should not be used on trashy ground, but is a very desirable Cultivator for working corn or any kind of crops where the ground is reasonably clear, and we confidently guarantee its work to give good satisfaction.



## THE NEW No. 9 BUCKEYE WALKING CULTIVATOR.

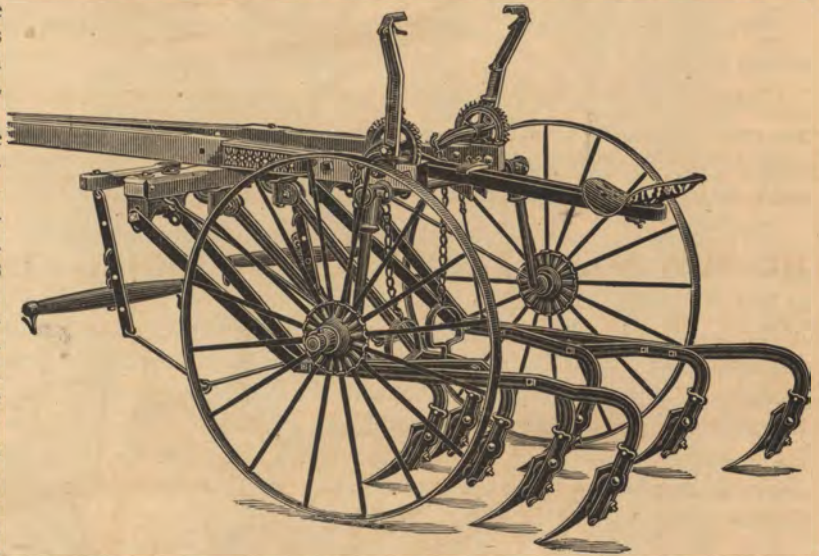


The cut on the left represents our No. 9 Buckeye Cultivator which is made only with Single Tongue, Steel Beams and Drag Shields. Our No. 9 is made to meet the demand for a cheaper Cultivator than our "Sunbeam," but is equally as well made and finished, the only

difference between the No. 9 and the No. 4 Sunbeam being that it does not have the parallel jointed beams. It has very LIGHT, NEAT LOOKING STEEL BEAMS, is easy to handle and we confidently recommend it as being the neatest looking and best SOLID BEAM CULTIVATOR on the market.

## THE NEW No. 10 BUCKEYE RIDING CULTIVATOR.

The cut on the right represents our No. 10 which is a SPECIAL CULTIVATOR, intended for the use of truck farmers, market gardeners and for general purpose work. This cultivator has 8 narrow shovels. Six of them are arranged on the outside beams, which are not movable side-wise, but follow the line of draft of the cultivator. The two inside shovels next the row are at-



tached to Swinging Beams or Standards, that are perfectly under the control of the operator and are easily guided with the feet. In this way it is only necessary to guide or shift these two shovels in working any kind of crops. Only one shovel being operated by each foot, makes it by far the easiest cultivator to handle that has ever been produced. The axles are adjustable for narrowing or widening the distance between the wheels to suit the width between the rows, which is quite an advantage in cultivating potatoes, beans and other crops that are planted in rows close together. The seat is arranged low down, making it easy to get on and off. The beams are raised and lowered by means of two ratchet levers, that are within convenient reach from the seat.

This is a very desirable Cultivator for working corn or any kind of crops and we predict that it will meet with favor in every section of the country, except in the Western States where the land is not usually well enough cleared of corn stalks and other trash to permit of using such a Cultivator.

# • BUCKEYE •

## SUNBEAM CULTIVATORS.

• • •

OUR OBJECT here is simply to call attention to our Sunbeam Walking Cultivators as manufactured for the season of 1891. Owing to the great reputation and immense popularity, which it has attained during the past few years we do not deem it necessary to enter into a lengthy discussion of its superiority, but simply give a brief description of its construction, and leave its praises to be sounded by the thousands of our patrons now using this Cultivator.

The cut on the opposite page illustrates the No. 4 Buckeye Sunbeam Walking Cultivator with pin shovels, which is the leading and most universally used Cultivator of the line, and stands to-day unequaled by any other make of Cultivator on the market.

The cut on the eighth page illustrates this Cultivator equipped with our celebrated spring shovels.

We claim this to be the only practical Spring Shovel Cultivator on the market, and the only one that has not failed to do good work and give satisfaction. In striking an obstruction, these shovels yield and immediately recover their position, entirely doing away with any stopping to replace broken wood pins.

The chief and most commendable of the many virtues of the No. 4 Cultivators is the parallel movement of the shovels, which always keeps them squared up to their work and at RIGHT ANGLES with the row. This feature is accomplished by having the rear ends of the beams pivoted to a cross-head, to which the shovel standards are attached, with an alignment rod connecting this cross-head to the beam coupling in front, which holds the cross-head, with the shovels parallel with the axle, whatever may be the position of the beams, sidewise, enabling them to do much work, and to be more easily handled. The inside shovel standard can be adjusted up and down on the cross-head, a feature very desirable for plowing listed corn, or other crops that have been planted either in deep furrows or on ridges.

There is a spring at the front end of each beam so arranged as to support the beam when in use, which enables the operator to easily move them to either side and assists in raising when he wishes to hook them up while turning at the end of the row. The draft rod and clevis attached to front end of beams are so arranged that when necessary the draft rod can be connected with the clevis in such a manner, as to exert a downward pressure on the beams to force the shovels into hard ground, and this pressure can be adjusted to suit the condition of the ground. When the team stops drawing, this pressure ceases, and the springs assist in hanging up the beams.

We furnish these Cultivators with either wood or metal wheels, single or double tongue, rotary or drag shields, as desired. They are painted throughout a bright red, and neatly striped and varnished.



NO. 4 BUCKEYE SUNBEAM WALKING CULTIVATOR WITH PIN SHOVELS.



NO. 4 BUCKEYE SUNBEAM WALKING CULTIVATOR WITH SPRING SHOVELS.

## No. 3½ BUCKEYE SUNBEAM WALKING CULTIVATOR.

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This Cultivator has the PARALLEL movement iron beams the same as our No. 4 Cultivator, and is exactly similar to it, except that it has six narrow shovels instead of the four wide ones.

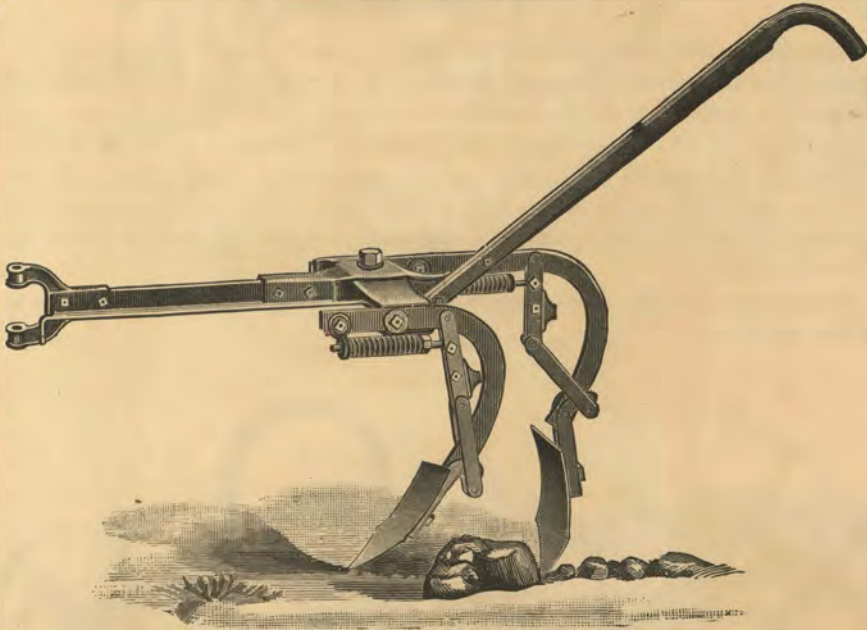
Experience has shown that when the land is reasonably free from trash so that six narrow shovels can be used, they are preferable to four wide ones. They stir up and pulverize the soil more thoroughly and eradicate the roots of grass and weeds more completely.

This Cultivator is especially adapted for level cultivation, which is rapidly growing in favor, and to all persons who approve this manner of cultivating their crops, we would recommend the No. 3½.

If desired, we can furnish, at a small extra cost, bar share shovels for hilling up.

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### SPRING SHOVELS.



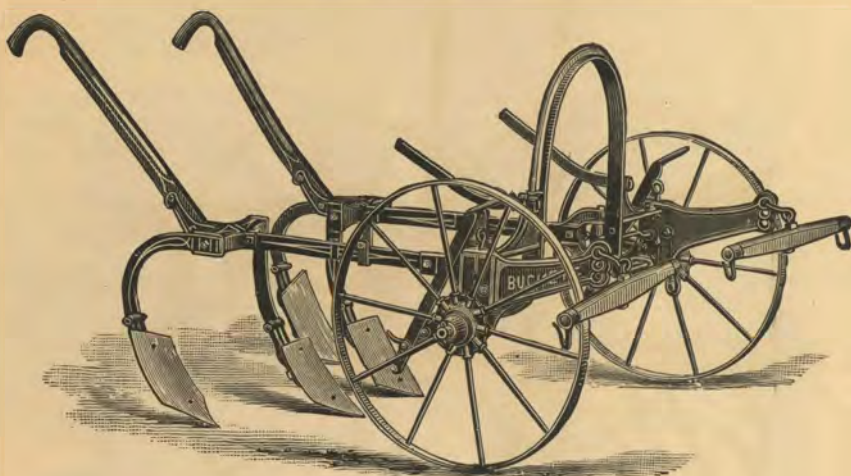
Our New Spring Shovel Cultivator is rapidly becoming very popular in all sections of the country, not only where the ground is full of stones, stumps, or roots, and a Spring Shovel a necessity, but also on smooth level land, their advantage over the Pin Shovel being so apparent and their action so prompt, that our patrons having once used them, will have no other kind. This Shovel while presenting a neat appearance, is still strong, durable and not liable to get out of order and the time saved in not having to replace broken wood pins, amounts to quite an item in a day's work.

The above cut is an excellent representation of our Spring Shovel, which we can furnish with any of our Cultivators except Nos. 9, 10, 15 and Tongueless.

The additional cost is slight and amounts to nothing when compared to the advantages they possess. We confidently claim ours to be the only PRACTICAL Spring Shovel Cultivator on the market and the only one that has not failed to do good work and give satisfaction.

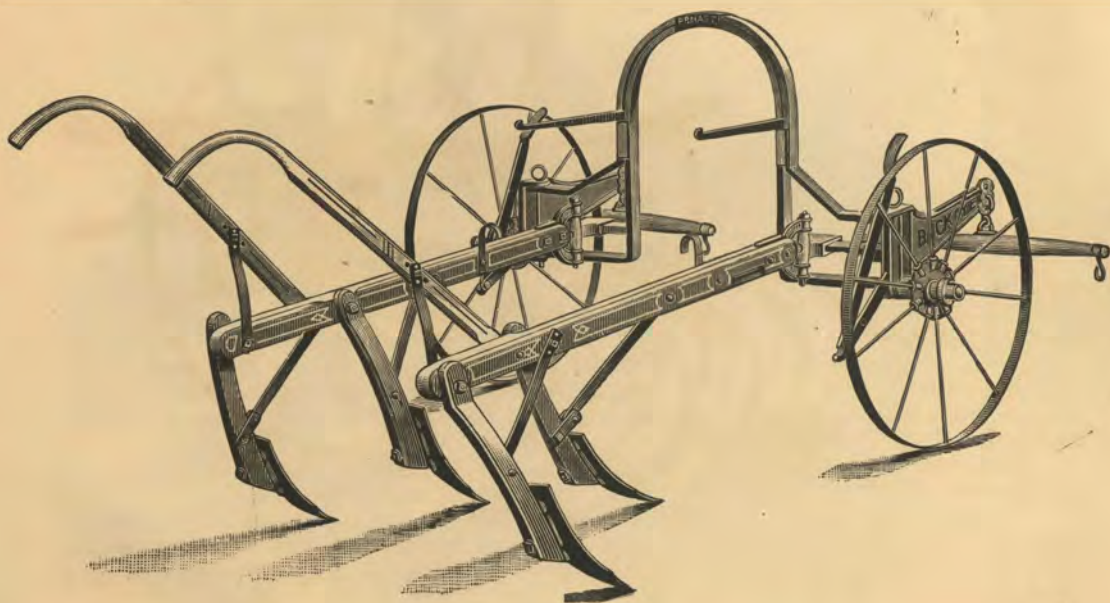
## BUCKEYE TONGUELESS CULTIVATORS.

With Steel and Wood Beams.



On this page we call your attention to two illustrations of our Tongueless Cultivators, one with steel beams and one with wood beams. Both cultivators are furnished with four shovels and are well made of the best material in every part. They are also furnished with the pivoted hitch and wheel device, which allows one horse to draw ahead of the other without interfering with the working of the beam and shovels. Each will do good work and give entire satisfaction if properly handled and is light and easily operated. The choice between the two lies simply in the fact of the purchaser's preference between a wood or iron beam cultivator.

We claim these to be the neatest appearing, most durable and best Tongueless Cultivators in the market.

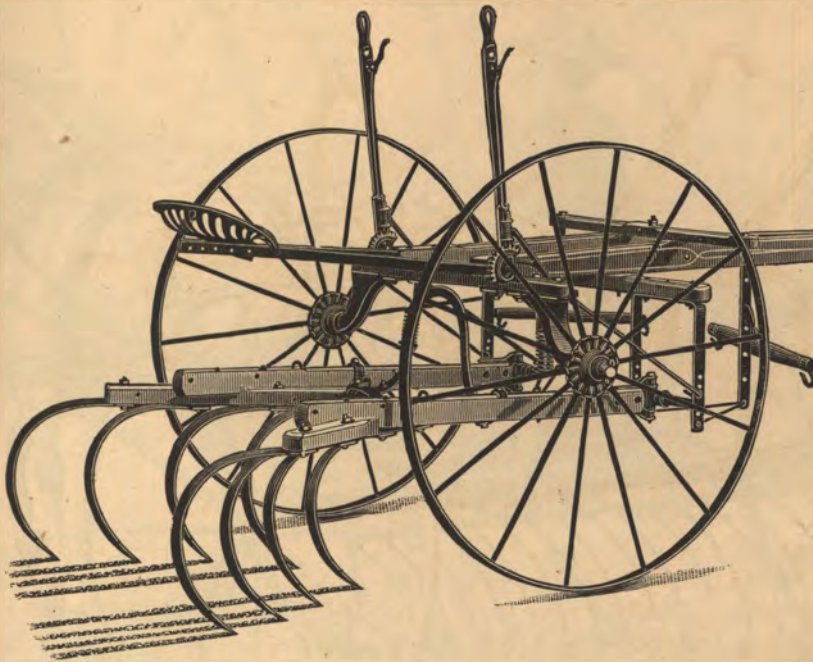


# THE BUCKEYE SPRING TOOTH CULTIVATORS.

## NO. 8.

The best Tool for working Small Corn, ever produced.

The teeth on this Cultivator being close together thoroughly and completely work all the ground, leaving no weed or grass roots undisturbed. As the teeth are narrow, it can be used in corn several days earlier than a Shovel Cultivator, and cultivates much closer to the corn without danger of covering it. The perfect beam coupling used holds the beams square up and down, and by simply loosening a set screw, they can be instantly adjusted to run close to or farther away from the corn. The driver on the seat has perfect control of it, and with his feet can move the beams out or in to dodge the hills out of line. With the Levers in front in easy reach, either one of them can be used to govern the depth, or either side raised to pass over an obstruction or for turning around. We do not recommend a Spring



Tooth Cultivator for working very heavy or hard clay land, but for sandy loam, or any soil that is at all mellow, we consider it the best general purpose Cultivator ever produced.

By putting a Center Section or Attachment with five spring teeth into the Eight Tooth Cultivator, it makes an excellent Independent Harrow or Field Cultivator, as shown by the accompanying cut. The jointed connections of the Center leave it free to conform to the uneven surface of the ground, and allow it to drop into the deep furrows and work over ridges without tearing up the sod and make the best Spring Tooth Cultivator or Harrow ever offered to farmers.

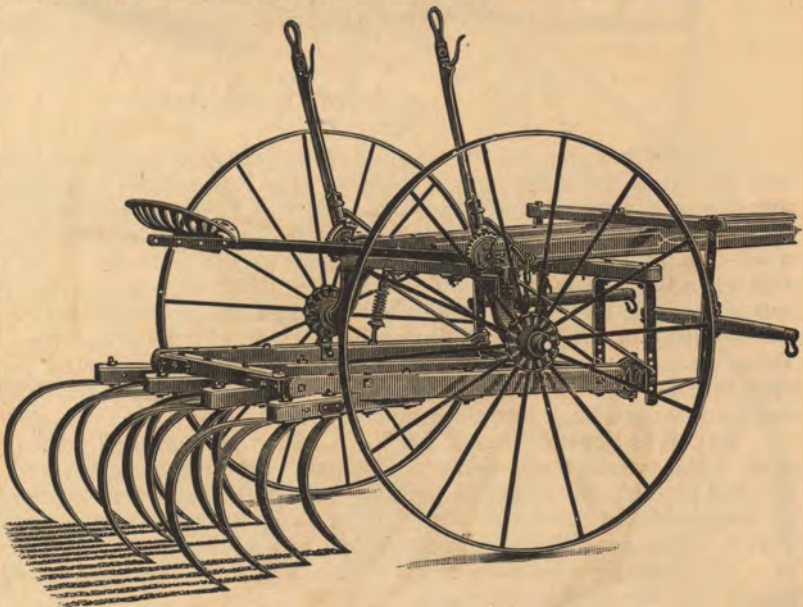
### Special Teeth and Shovels.

At a small extra cost we can furnish two extra Spring Teeth with bracket clamps for attaching them to the outside beams in such shape that they will cultivate beyond or outside of the wheels. The Cultivator in this shape is an excellent tool for cultivating vineyards or young orchards.

We can also furnish Bar Share or Hilling Shovels for ridging up any kind of crops.

### Another Important and one of its best Features.

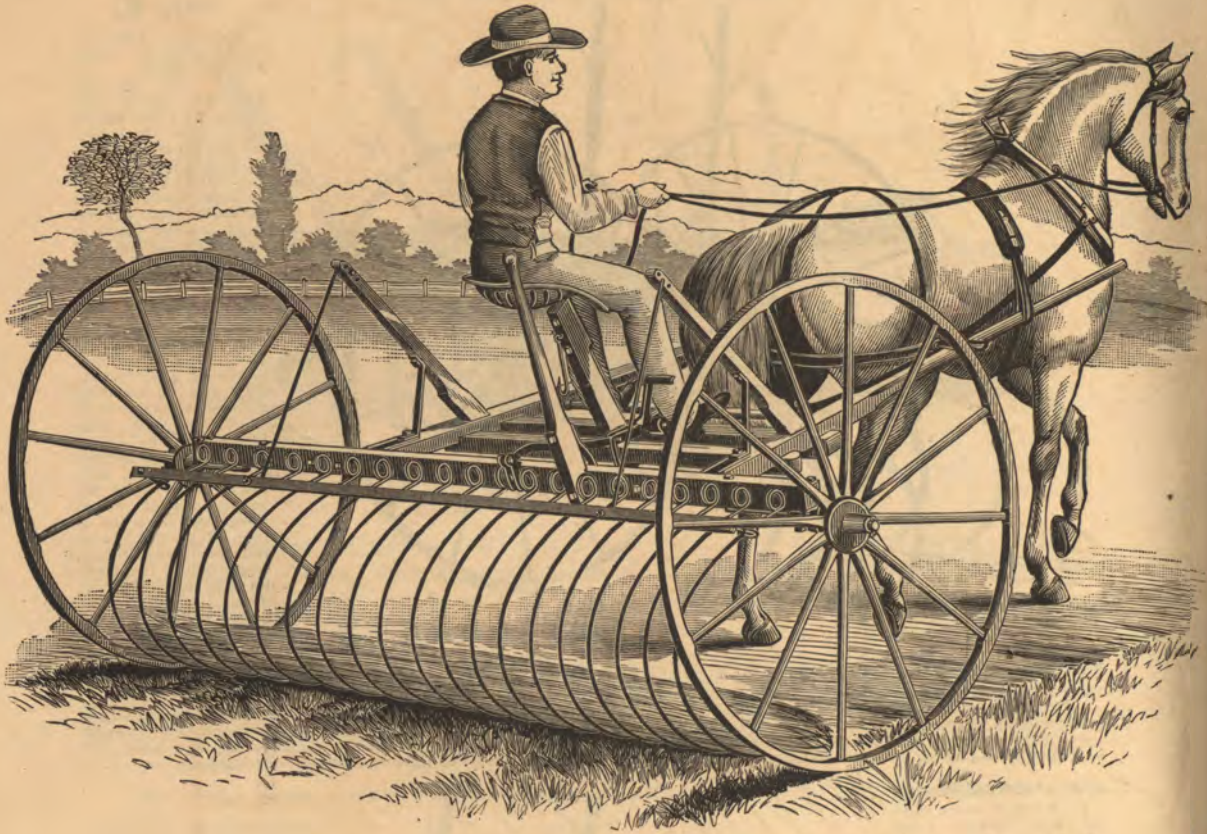
At a small additional cost a set of Beams and Shovels can be attached to the same frame, making it the same as the well known Buckeye Cultivator, and making it a complete Shovel corn and Fallow, and Spring Tooth corn and Fallow Cultivator. Thus adapting it to the various wants of the Farmer for the many conditions of the soil.



A Force Feed Seeding Attachment

Is furnished when desired, and can be easily attached or detached, and makes it a complete Broadcast Seeder at a great saving of expense, besides having less machines to house. Many are in doubt whether to buy a Cultivator or a Spring Tooth Harrow; this covers both cases and is undoubtedly the best tool of its kind ever put on the market. The Spring Tooth Attachment can be readily attached to the No. 12 or 13 Senior Buckeye Riding Cultivator now in use and is furnished when ordered.

## SPRINGFIELD BUCKEYE HAY RAKES.



A 2-Coil Tooth Rake.

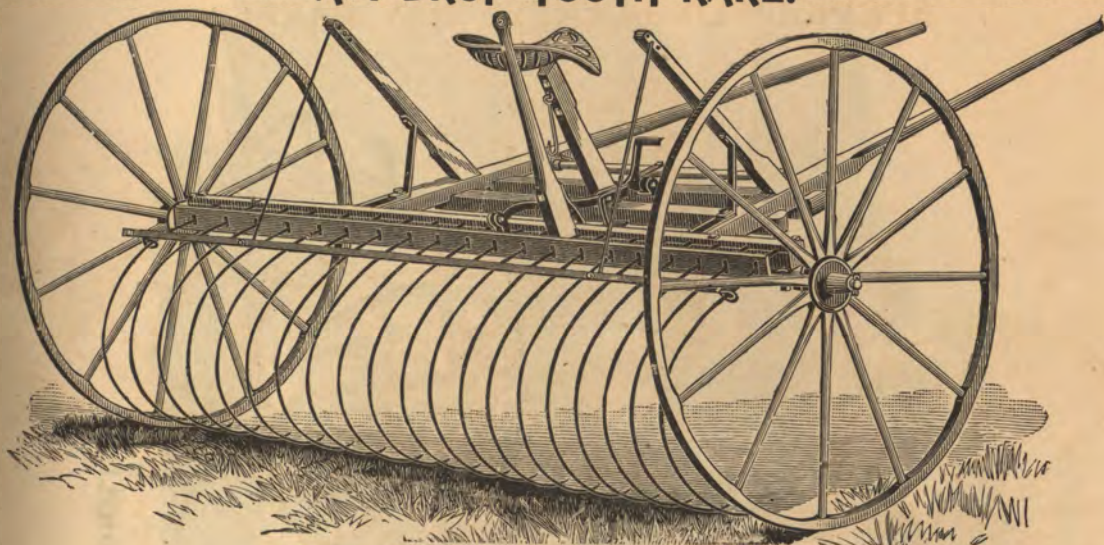
In addition to our full line of grain drills, cultivators, etc., we manufacture what is now well known as the "Springfield Buckeye Hay Rake," the four principal styles of which are herein illustrated and described. **THE A 1 SPRINGFIELD BUCKEYE DROP TOOTH RAKE** has twenty teeth, is simple in construction, strong and durable. This is practically a self-dump rake, without cog wheels or ratchet. The tooth-bar or axle is so constructed that when the lock is thrown off with the foot the draft is transferred from the center to the top of the axle, so that the weight of the driver, the pressure of the hay against the teeth, and the draft of the horse will instantly dump the load without the aid of the hand lever. Being a **LOCK LEVER** the hay can be carried along and deposited just where wanted, and then with pressure of the foot upon another lever, slightly aided by the hand lever, the teeth are thrown back into position and locked.

**THE A 2 SPRINGFIELD COIL TOOTH RAKE** contains all principal features of the **A 1** rake. Has twenty teeth with a double coil. The teeth are fastened rigidly in the tooth-bar, but can be adjusted as to height from the ground and are made of the best spring steel, oil tempered and carefully tested. **THE A 3 SPRINGFIELD BUCKEYE SPIRAL SPRING RAKE.** This rake has twenty teeth and is constructed just like **A 1**, with the addition of a spiral spring over each tooth. This is a first-class rake in all respects, and to be appreciated needs only to be seen.

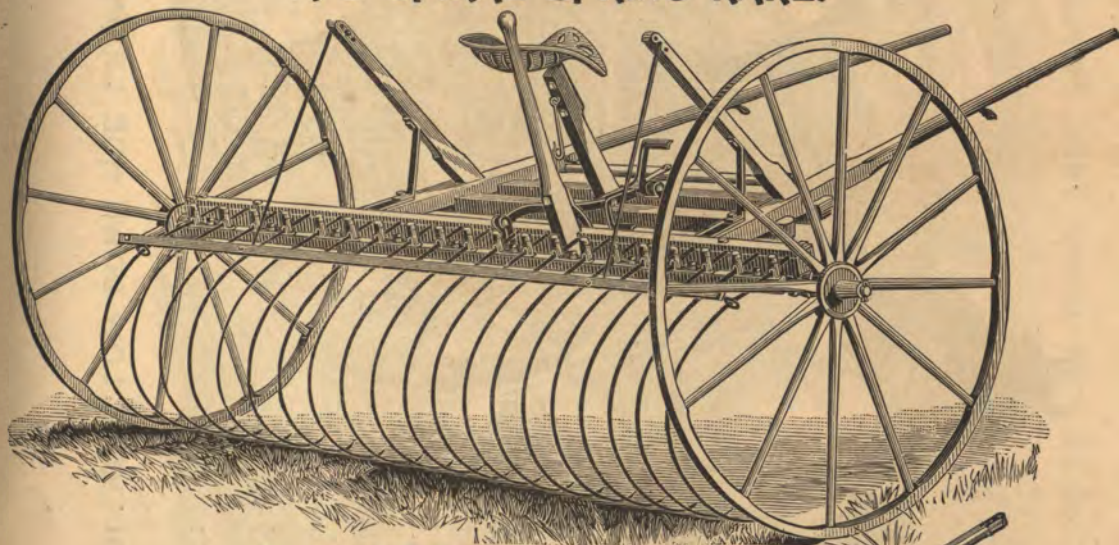
**THE A 8 SPRINGFIELD BUCKEYE JUMBO RAKE.** This rake is made similar to our **A 1** except that it is **TWELVE FEET WIDE**, and has twenty-eight teeth. It is a two-horse rake and made only with pole.

Send to us for descriptive circular, giving full descriptions of our full line of rakes.

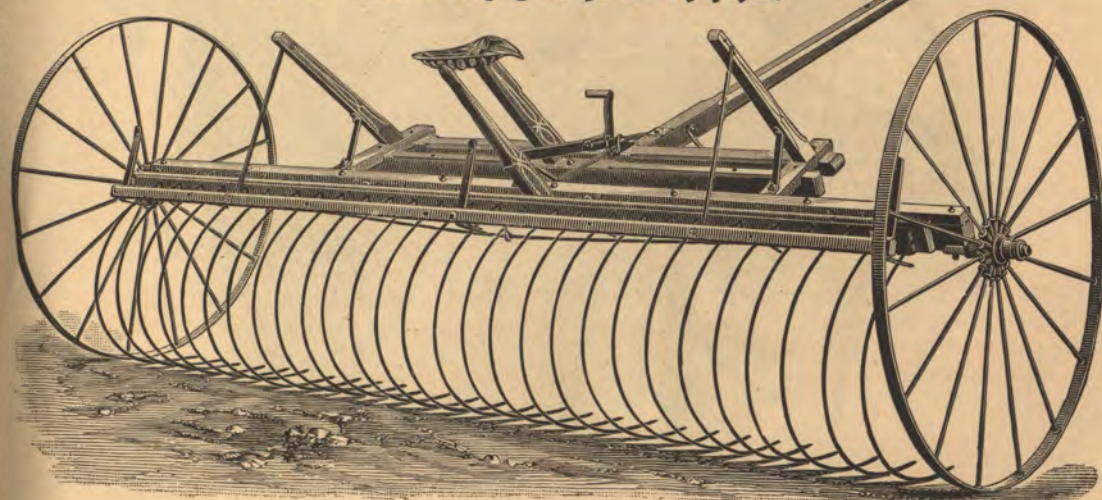
**A 1 DROP TOOTH RAKE.**



**A 3 SPIRAL SPRING RAKE.**



**A 8 12-FOOT JUMBO RAKE.**





BUCKEYE LOW DOWN HOE GRAIN DRILL.



BUCKEYE LOW DOWN SHOE GRAIN DRILL.



## TO CRACK.

Why is the word "Buckeye" a household word in the home of the farmer?  
\_\_\_\_\_

Why have Buckeye Agricultural Implements led the Implement Army for more than a quarter of a century?  
\_\_\_\_\_

Why have the Buckeye Cultivators the world wide reputation and immense popularity they possess?  
\_\_\_\_\_

Why do they down all competition and capture the trade?  
\_\_\_\_\_

Why is the demand for them greater than the supply?  
\_\_\_\_\_

Why are they a "thing of beauty and a joy forever" to the heart of the practical farmer?  
\_\_\_\_\_

We have virtually cracked these nuts in the preceding pages of this Catalogue, but we have now condensed the meat into one big kernel.  
\_\_\_\_\_

Because they are the most practical, easier to operate, better constructed, neater finished, and the best Cultivator in the World.  
\_\_\_\_\_

Try them and prove the correctness of our solution.

