

**BUCKEYE
DOWN
BINDER**

MANUFACTURED BY

Hultman, Miller & Co.

Akron, Ohio.

this was Alberto Book

BUNDLE CARRIERS will be furnished if desired, at a small additional cost, for both the Buckeye Light Elevator and Buckeye Down Binders. They have been used with entire satisfaction during the harvest of 1885, and are guaranteed to do good work in any ordinary conditions of grain.

Hussey's Reaping Machine, 1845

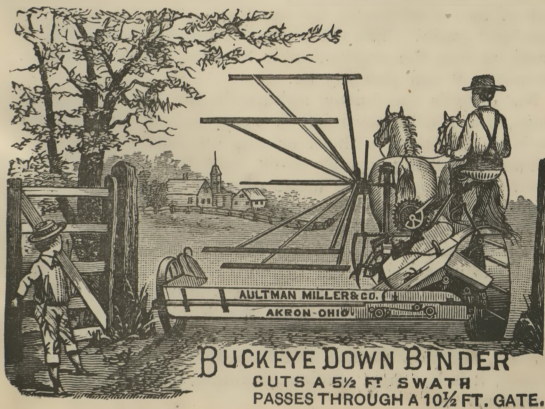


As a matter of curiosity, we reproduce the above illustration from a stray copy of the *Ohio Cultivator*, printed at Columbus, Ohio, April 1, 1845.

It represents the first successful reaping machine ever used in this country, invented and manufactured by Mr. Obed Hussey, of Baltimore, Md. The forty years which have elapsed since then, have seen many wonderful changes in harvesting machinery, but they should serve to increase rather than lessen the honor due to Mr. Hussey, as a pioneer in this field.

As a pleasing contrast, we offer the following view of a more modern machine.

The Buckeye Down Binder.



THE Buckeye Light Elevator Binder

The operation of the BUCKEYE BINDER is very simple. As the cut grain is discharged from the elevator of the harvester, it is taken by two arms (driven by cranks) called packers. These packers gather the straw into a bundle, which, when it reaches the desired size, presses against a trigger with sufficient force to release a catch and throw the tying apparatus into gear. The arms from both sides at once close in upon the bundle of straw, compressing it tightly, so that at the moment of tying there is little, if any, tension on the string. All the grain is cut and saved, none is wasted, and the butts of the bundles are brought evenly together by an adjuster or butter. By adjusting a set screw the binder can be set to bind a bundle any desired size. The tension can be altered so as to bind as tightly as can be wished. After the machine has been adjusted to do the work in such a manner as the operator may wish, every bundle delivered from the machine will be of the same size, and all will be bound equally tight.

If the grain is tangled, the packers help to straighten the straws, and, in conjunction with the butter, a very good sheaf is made, even in down grain. A drop-table holds the sheaf until it is bound, and then falls down until the bundle is discharged. The slow and regular motion of two arms forces the bundle gently away from the unbound grain. The distance the bundle has to fall is small, so that the separation is as neat, economical and perfect as it can possibly be.

Not only is the butter adjustable for long and short grain, but the Binder itself is easily moved forward and back by the driver without leaving his seat.

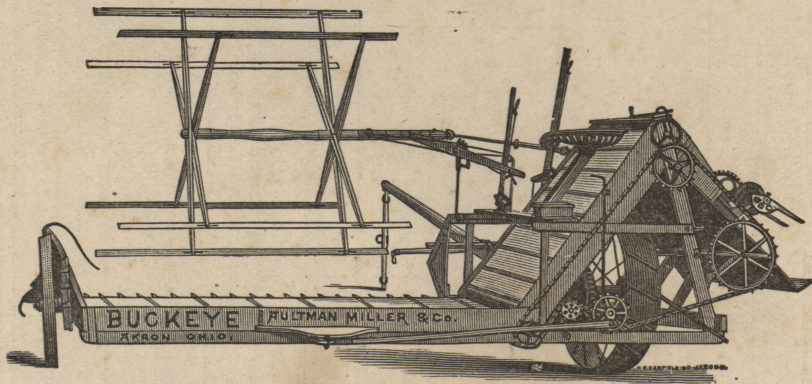
The knot-tying apparatus is very durable. All the small working parts are made of cast steel. It remains entirely at rest while the packers are collecting the bundle, after which it is the operation of only a moment to put on the band. This binding attachment (Appleby patents) has now been used through six harvests, and has given the best satisfaction of any twine machine yet constructed. In connection with the Buckeye Harvester, and with the improvements added and tested in the last harvest, and now for the first time made available to the farmer, it is the most efficient, reliable, and durable cord binder made.

MEMORANDA.

July 20th 1887
 E.E. Noble with days
 Team 1
 July 21 1

July 22
 J. Boat 1/2 day
 " " "
 July 23 3/4

You can not fatten your hogs on scatterings left by the Buckeye Binder; much less will it pay to glean your fields after it.



Buckeye Light Elevator Binder. Manufactured by Aultman, Miller & Co., Akron, O.

MEMORANDA.

days

July 21-87

Bolt

1/4

Albert J Parrott

Killed by lightning

July 25-1887

age 29

SSP 9-9-37

Henry J Parrott

died 1-12-1900

age 75 years 6 months 18 days

SSP-9-9-37

Good machine oil is made by letting lard stand in the sun until the solid particles settle. Pour off the top and repeat the process.

— THE —

Buckeye Light Elevator Binder

Is the Neatest, Simplest, Lightest, and Lightest Draft Elevator Binder made, having capacity enough to handle the heaviest crops, and built in the most durable manner.

Examine a Few of its Claims to Superior Merit.

The main or driving-wheel of the Buckeye Light Elevator Binder is so constructed as to be proof against the attacks of storm and sunshine, which so soon cause the ordinary wooden wheel to fall to pieces.

The gear-frame of the Buckeye is supported by a truss-rod, which prevents it from springing and throwing the wheels out of gear.

The Buckeye is, so far as known, the only binder which has iron shafts running the entire length of the elevator rollers; other machines have only short pieces of shafting driven into the ends of the rollers and fastened with pins. The rollers of the Buckeye are built to last as long as the machine itself.

The Buckeye Binder has a hand-trip, by means of which the driver can throw the binding apparatus into gear and discharge the bundle at will. The hand-trip gives the driver more complete control of the machine, and is of great value in tangled grain, which sometimes fails to press upon the trigger with sufficient force to release the catch.

There is no gear to be looked after, as the binder mechanism will only start when the required quantity of grain is under the packers, unless set in motion by the driver by means of the hand-trip.

The cord is not strained in compressing the bundle—that work being done by the machine. The compressor is very simple, and its operation is perfection itself; hence, the cord need only be strong enough to make a reliable band. No machine is more saving of cord, and none can use a lighter cord.

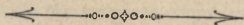
The improved swinging disc-frame supplies slack string for the knotter just at the time needed, and relieves the cord and knotter mechanism from the unnecessary strain to which they are put in other binders.

This image shows a single sheet of aged, cream-colored paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or printed text on the paper.

Before you buy a mower or harvesting machine of any kind, examine the Buckeye. It will please you and outlast any machine made.

— THE —

Buckeye Down Binder



A glance at the picture of this machine printed on another page, will show the distinguishing features of the Down Binder. It is lower, lighter and narrower than the Elevator Binder. It will pass through a 10½ ft. gate in a straight line, and by going diagonally it can be drawn through a still narrower gate. It is readily handled by two horses and is easier to manage than any other binder made.

The binding apparatus is substantially the same as that used on our Buckeye Light Elevator Binder already so well and so favorably known.

CONVENIENCE OF HANDLING.

THE RAISING AND LOWERING of the entire machine is done by means of a hand-wheel directly in front of the driver, who need not even stop his team for that purpose. The driver has also within easy reach the GEAR LEVER for throwing the entire mechanism in and out of gear, the TILTING LEVER for dropping the points of the guards to take up lodged and tangled grain, the REEL LEVERS for moving the reel forward or back and up or down as may best suit the condition of the grain to be cut, the TRIP ADJUSTER regulating the size of bundles, and the FOOT LEVER enabling the driver to bind the sheaf at any moment. The driver has such complete control of the machine that he can perform any one or all of the above operations without leaving his seat or even stopping his team.

THE BINDER WORKS AUTOMATICALLY, the same as the Elevator Binder, but is more easily adjusted for large

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper appears slightly aged or off-white. There is no handwriting or other markings on the page.

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and small bundles, and the driver may at any moment throw the binding apparatus into gear, by means of a foot lever.

THE BUTTER which serves to straighten up the butts of the sheaves, may be moved forward or back to suit the requirements of long or short straw.

AN ANGLE-IRON BAR to which the cutter-bar with guards is attached, secures for that important part the needed strength and rigidity. This iron bar brings the canvas $1\frac{1}{2}$ in. nearer the knife than is possible with a wooden bar, which will be found of great advantage in handling very short grain.

MALLEABLE IRON GUARDS with steel ledger plates of best quality are used on the Down Binder.

THE TEDDERS AND PACKERS carry the grain from the platform canvas to the binder, which forms the bundle and binds it with cord upon an inclined table placed between the driving wheel and the end of the platform canvas. When bound, the bundle is thrown off over and to the rear of the driving wheel, quite out of the way of the team on the next round.

THE SEPARATION AND DELIVERY of the bundles is complete in all kinds of grain, and in this respect, as in many others, the BUCKEYE IS THE ONLY SUCCESSFUL DOWN BINDER IN THE MARKET.

CAPACITY AND WORKING QUALITIES.

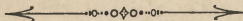
We do not claim for the DOWN BINDER that it will do better work or more of it than can be done by the BUCKEYE LIGHT ELEVATOR BINDER. The work done by the latter is not surpassed by any machine in the market, and is as near perfection as can be asked for. We do claim for the BUCKEYE DOWN BINDER that its work is equal to that of any known machine, and that its lightness and convenience of handling make it especially suited for hilly land and farms of average size. For the large prairie farms, which are free from fences and hills, and where the acreage to be gone over is very large, the BUCKEYE LIGHT ELEVATOR BINDER, having greater width of cut, and consequently greater capacity, will doubtless be preferred.

[illegible]

**"A perfect 'godsend' to the weary housewife."
"Saves time, labor and expense, both in field and kitchen," is what they all say of the Buckeye Binder.**

— THE —

NEW BUCKEYE MOWER



The Main Frame of the New Buckeye is of cast-iron, tubular in form, with wrought-iron supports, giving the necessary rigidity to secure entire freedom from springing of the shaftings or cramping and binding of the gearing and cutting apparatus, and, at the same time, sufficient strength to avoid all danger of breakages.

Cast-iron is superior to wrought-iron for this purpose, as the latter naturally lacks the rigidity of the former, which is absolutely necessary to hold the shafting in perfect line. A machine in actual use is ten times as liable to be put to a light strain sufficient to *bend a wrought-iron frame*, throwing shafting out of line and making the gearing run hard, as it is to be put to the enormous strain required to break the cast-iron frame of the Buckeye.

There is no Gearing exposed in the drive-wheel of the Buckeye to gather mud and sand, and thereby, in a wet harvest, especially, produce enormous friction, increase the draft, and often render a machine useless.

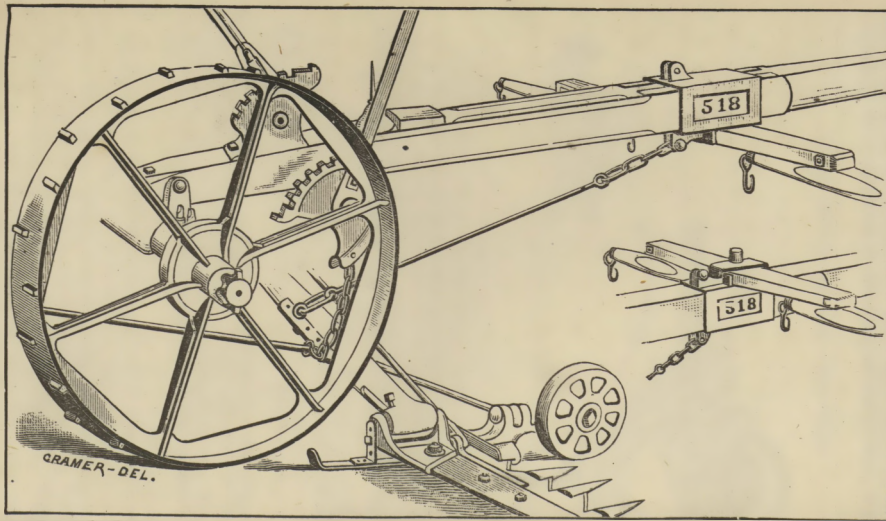
The First or Slow Motion in the Buckeye is obtained by Bevel Gears, and the quick motion by Spur or straight-cut gears. It is a fact, well known to machinists, that *Spur Gearing* is best adapted for high speeds, running more smoothly and truly; therefore, the Buckeye has a great advantage, in this respect, over all machines which get their first, slow motion from Spur Gearing in their driving-wheels, and are obliged to use *Bevel Gears* for their quick motion.

The Finger-Bar of the Buckeye is attached to the frame of the machine by a coupling-bar hinged at both ends, and is strengthened by two wrought-iron braces—one of which holds the forward end of the inside shoe firmly in its place; the other is a diagonal brace extending to the rear end of the machine, where it is hinged in a direct line with the inner joint of the coupling-bar.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins or other markings on the paper.

MEMORANDA.

The solid cast-iron frame of the Buckeye holds shafting perfectly in line. Wrought-iron frames bend and throw shafting out of line.



THE SLIDING HAMMER STRAP, No. 518, first used on Mowers built for the season of 1884, has met with universal approval. The rod connecting the casting No. 518 with the coupling bar draws the machine by the bar instead of from the frame, and this has a tendency to ease the bar over rough ground and at places where the cutting is especially difficult.

MEMORANDA.

"The merciful man is merciful to his beast," and will keep his Buckeye Mower knives in good order and journals well oiled.

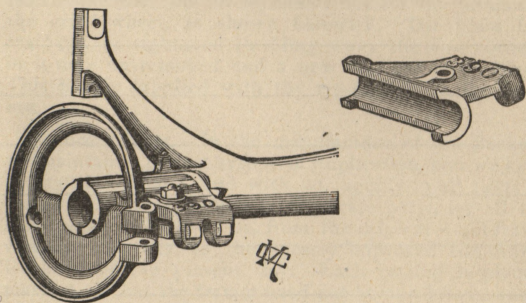
The Double-jointed Coupling of the Buckeye allows the *Finger-bar* to adapt itself to all varieties of surfaces, so as to mow closely and evenly over knolls and ridges, and through hollows, dead furrows, and ditches.

Folding of the Finger-bar.—To the double-jointed coupling is also due the acknowledged superiority of the Buckeye in portability, as it is the only mower in which the cutting apparatus can be folded completely over, so as to lie securely in a horizontal position upon the frame of the machine.

To regulate the height of Cutting.—The *Finger-bar* of the Buckeye has an adjustable steel spring on the outer shoe and an adjustable wheel at the inner shoe, so that the entire bar may be raised or lowered.

The Tilting-Lever enables the driver, without stopping his horses, to throw the points of the guards down to take up lodged grass or grain, or to raise them so as to pass over bogs or stony ground.

In the Buckeye the Finger-Bar is in front of the driving wheel, and the driver's seat is in the rear, giving the driver a full view of the knives and horses at the same time. Should the driver be thrown from his seat, the danger of falling in front of the knives is entirely avoided.



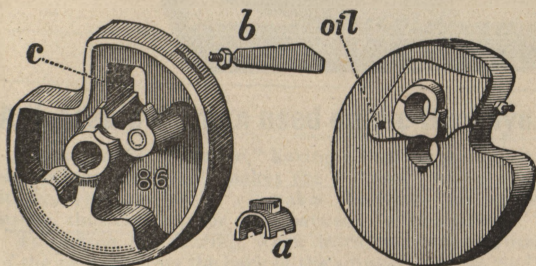
Adjustable Box for Crank Shaft.

The above engraving shows the adjustable box at the front end of the crank-shaft. The box is held in place by bolts and set-screws, allowing it to be removed and adjusted to take up wear, which must, of course, in time, show itself.

This image shows a single sheet of off-white or cream-colored paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20-22 visible lines. The paper appears slightly aged or used, with some minor discoloration and faint smudges. The edges of the paper are slightly irregular.

Wrought-iron frames bend and throw shafting out of line under one-fourth the strain required to break the solid cast-iron frame of the Buckeye.

No weight on the horses' necks.—With the Buckeye Mower or Table-Rake properly adjusted, you may mow or reap across any level, smooth field without having the tongue in the neck-yoke; in other words, there need be no weight on the horses' necks.



Adjustable Pitman Box in Crank-Wheel.

(Used only on the New Buckeye.)

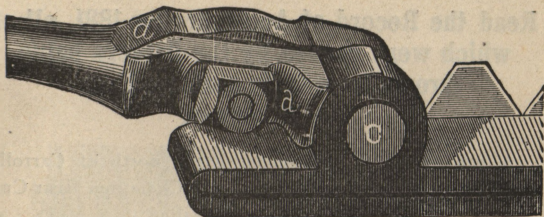
The New Buckeye, in addition to the adjustable pitman connection, has an adjustable box for the pitman in the crank-wheel, as shown herewith. The brass box "a" can be tightened by filing away the four corners, or it may be removed and a new one put in its place. This box is supplied with the most perfect self-oiler in use.

Duplicate Parts.—In the manufacture of the Buckeye we maintain a perfect system of duplication, and we keep constantly on hand, and with our agents in all parts of the country, a large stock of duplicate parts, for all the machines ever built by us, from the original wood-frame Buckeye of 1857, to the greatly improved iron-frame Buckeye of the present day. Each casting is plainly marked, so that the farmer need not be at a loss to know how to order repairs.

Adjustable Pitman.—The contrivance shown on another page, for taking up the lost motion or wear at the knife-head, has been used on the Buckeye for several years, and has proved a great success. It is extremely simple; not in the least liable to get out of order; furnishes a large amount of wearing surface; and allows the use of the strongest known form of knife-heads.

This image shows a blank, aged, cream-colored page, likely an endpaper or flyleaf from an old book. The paper has a slightly textured appearance with some minor discoloration and faint horizontal lines. A large, faint watermark is visible in the center of the page, featuring a circular emblem with a crown on top and the words "THE ROYAL" and "THE ROYAL" (partially obscured) around it. The watermark is oriented vertically. The page is otherwise empty of any text or markings.

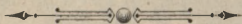
For cutting Clover Seed there is nothing equal to the Buckeye Table-Rake. Try it for yourself.



Adjustable Pitman used on the Buckeye.

The adjustable piece "a," having a bearing on the outside of the knife-heel, makes the "thrust" or outward stroke, while the hook "c" makes the "pull" or return stroke, thus dividing the wear between the two parts.

To tighten the bearing, when worn, remove a portion of the packing from the back of the adjustable piece "a." The bevel shown at "d" now crowds piece "a" up to the knife-head, making the bearing as good as new.



THE · NEW · BUCKEYE.

The Strongest, Neatest *and* Best Light Draft Mower Made.

It retains all the good qualities which have made the BUCKEYE for so many years the farmer's favorite.

Has a Lifting-Lever to raise the Bar to pass over obstructions.

Has a Tilting-Lever to drop the points of the Guards, so as to take up lodged grass, or raise the points of the Guards, so as to run safely over stony or boggy ground.

Has a wrought-iron, steel-faced guard, and a three-inch Cutting Section.

Has the best Pitman ever used on a machine, and the best knives that can be made.

Has no Side-Draft, and no weight on the horses' necks.

All iron and steel except the tongue, whiffletrees, neck yoke and swather.

Runs very light, does the best of work, and is especially adapted for rough and boggy ground.

Like all BUCKEYES, it is a *Front-Cut* machine, and
SAFE FOR THE DRIVER.

Read the Record of Accidents for 1881, all of which were caused by the Drivers being thrown from their seats on Rear-Cut Machines.

A son of Adam Schiesman, living north of Carroll, Iowa, was thrown from the seat of a Champion Rear-Cut Reaper; and cut nearly in two and killed.

Michael Jordan, near Cedar Falls, Iowa, borrowed a Champion, and put his boy on to drive. The boy was thrown in front of the knives and considerably injured.

A son of John Phillips, of Superior, Williams County, Ohio, was driving a Champion, when the seat broke, dropping him in front of the knife, which cut off his right arm.

Frank Brakel, near Silver Lake, Mich., was thrown from a Champion and barely escaped with his life—horses took fright from stirring up a nest of bees.

Near Danville, Ky., Joe Faucloner's son was thrown from a Champion and lost an arm.

Mr. Failman, near Oregon City, Oregon, lost his life by being thrown from a Rear-Cut Reaper.

C. C. Vandyke, near Warren, Ills., was thrown from a Rear-Cut Kirby and killed.

Near Bangor, Wis., the wife of Fritz Trader was thrown from a Champion and instantly killed.

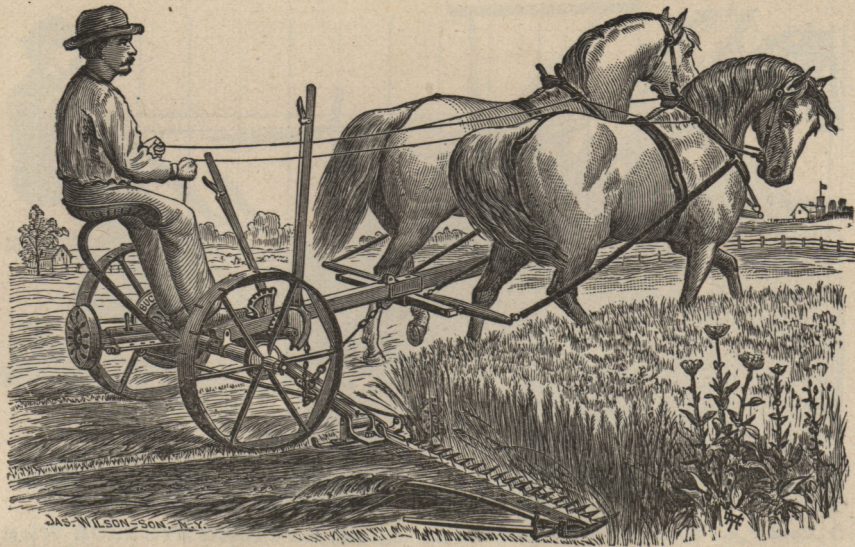
John Bruner, near Hiramshurg, Noble Co., O., was thrown from a Champion and lost a hand.

The wife of Edward Hedrick, near Noble, Richland Co., Ills., fell from a Champion and was badly cut and bruised.

Wm. Jackson, near Sparta, Ohio, fell from a Champion and lost an arm.

At Ramsay, Ills., a son of Sol. C. Morrison was thrown from a Champion and badly crippled.

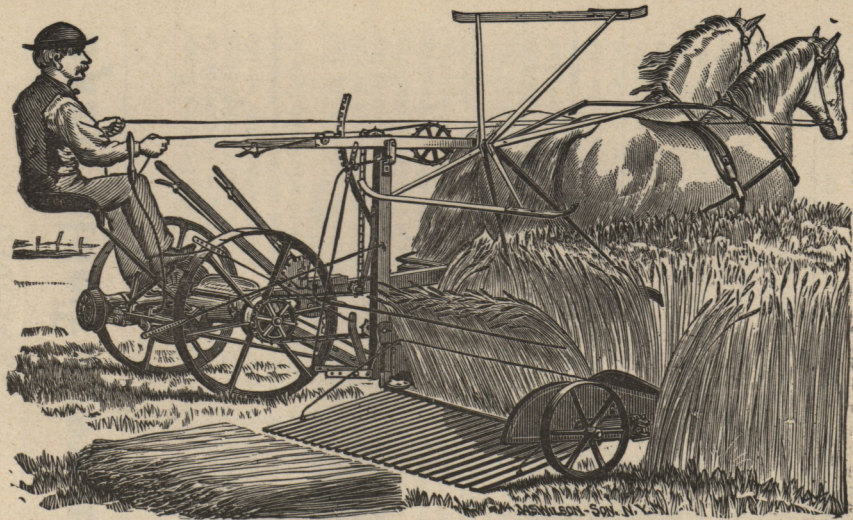
A son of John Townsend, near Iola, Kan., was thrown from a Champion and received several bad gashes from the knives.



NEW BUCKEYE LIGHT MOWER, (Front-Cut and Wide Tread.)

MEMORANDA.

Your boy may safely run the Buckeye Mower and Reaper, as the driver's seat is at a safe distance behind the knives.



NEW BUCKEYE DROPPER, Manufactured by Aultman, Miller & Co., Akron, O.

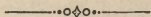
MEMORANDA.

With the Table-Rake the driver can carry the bundles away from the corners and leave room for the horses to turn.

MILLER'S

IMPROVED

Buckeye Table-Rake



The Table-Rake is an Automatic Side-Delivery Reaper, and is built and sold either as a Single Reaper, or in combination with the Buckeye Mower. It consists of an ordinary quadrant platform or table, with a fork on the end of a jointed arm, which sweeps around a vertical axis in the center of the table, so as to allow the fork to follow closely the surface of the platform.

By means of a cam or track, fastened securely on the platform, the jointed arm is extended or shortened to suit the form of the table, so that the fork, starting into the grain, close to the inside shoe, sweeps across the platform in a line parallel to the sickle, gathering and compressing the grain against the outside or circle-board, and delivering the gavel in a compact form for binding, and entirely out of the way of the machine on its next round.

The fork, as aforesaid, is entirely independent of the reel, and is worked by means of a chain and sprocket-wheel connected with the main shaft of the machine; and while it is so arranged as to work automatically, delivering a bundle every thirteen feet, it is always under the control of the driver, and can be stopped or started at any point by means of a lever worked by the driver's foot. In thin grain and at the corners of the field, the bundles can be carried as far as desired before dropping.

A stationary sheet-iron shield, some three feet in diameter, covers the center of the platform, preventing the straw from being caught in the gearing. This Rake allows the use of the overhanging Reel, just as it is found in the Dropper—a great advantage over all Reel-Rakes, as it is easily adjusted for all kinds of grain. The Rake itself requires no adjustment whatever for the different conditions of grain.

The cutter-bar can be raised or lowered while the machine is in motion. The platform is attached to the main frame, both in front and rear, so that its weight is evenly balanced upon the ground wheels.

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Make your Table-Rake cut full width of bar; turn square corners, carry bundles on platform well away from corners, leaving room for horses to turn.

The Table-Rake in Lodged Grain.

We unhesitatingly claim for the Table-Rake, that in odged and tangled wheat and oats, it has no equal. That question was fully settled in the harvest of 1875, when the agents of competing machines did their best to create a panic among the purchasers of the Table-Rake, by loudly asserting that it would prove an utter failure in lodged grain. The harvest came, and that, too, the worst ever known, and the Buckeye, with its admirable tilting arrangement, proved fully equal to the emergency.

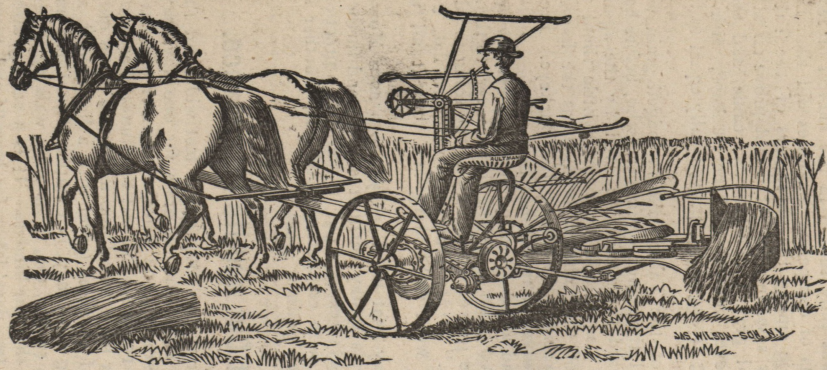
The capacity of the Table-Rake in lodged grain was fully shown, and thousands of farmers who, before harvest, having heard the slanders uttered by the agents of "Reel Rake" machines, were not a little timid as to the wisdom of their choice, became, as the harvest advanced, the warmest friends of the Buckeye. From that time the universal report has been:

"We never had worse grain to cut and never saw better work in lodged grain." "The tilting lever, to throw the points of the guards down, is just the thing to take up lodged grain." "My grain was all down flat, but the Table-Rake went right along and took it all up clean."

Suffice it to say that the Buckeye, both as a Mower and Reaper, stands to-day without a rival, and further, that we are always ready to put its merits to a practical test in the field with competing machines, whether in standing or lodged grain or grass.

Width of Cut and its Importance.

Let two machines, one cutting four feet wide and the other five, follow each other in grain for one day, each being drawn a distance of 24 miles, the former will have cut 12, the latter 15 acres. To cut 100 hundred acres of wheat the former must travel 200 miles, the latter only 160. A saving of 40 miles travel with a heavy load, at the end of so long a journey, is a matter of no small importance. It is a saving, too, of 40 miles walking, or 10 miles for each of the four binders. It is a saving, also, to the farmer, of two days' labor for himself and team, and the wages and board of the four binders for two days in cutting 100 acres of grain. *THE BUCKEYE TABLE-RAKE, with ordinary driving, will cut one foot wider than any Reel-Rake having the same length of bar.*



NEW BUCKEYE TABLE-RAKE REAPER.

WARRANTED TO TAKE UP LODGED GRAIN AND CLOVER SEED EQUAL TO ANY MACHINE in the MARKET.

Manufactured by **AULTMAN, MILLER & CO.**, Akron, Ohio.

1885

July.	S	M	T	W	T	F	S	Sept.	S	M	T	W	T	F	S	Nov.	S	M	T	W	T	F	S
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1886

Jan.	S	M	T	W	T	F	S	May.	S	M	T	W	T	F	S	Sept.	S	M	T	W	T	F	S
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3	4	5	6	7	8	9	10	...	2	3	4	5	6	7	8	...	5	6	7	8	9	10	11
10	11	12	13	14	15	16	17	...	9	10	11	12	13	14	15	...	12	13	14	15	16	17	18
17	18	19	20	21	22	23	24	...	16	17	18	19	20	21	22	...	19	20	21	22	23	24	25
24	25	26	27	28	29	30	31	...	23	24	25	26	27	28	29	...	26	27	28	29	30	...	...
31	...	...	...	...	...	...	...	...	30	31	...	...	...	...	...	...	...	...	...	...	...	...	...
Feb.	S	M	T	W	T	F	S	June.	S	M	T	W	T	F	S	Oct.	S	M	T	W	T	F	S
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Mar.	S	M	T	W	T	F	S	July.	S	M	T	W	T	F	S	Nov.	S	M	T	W	T	F	S
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28	29	30	31	...	...	...	...	...	25	26	27	28	29	30	31	...	28	29	30	...	...	...	...
April.	S	M	T	W	T	F	S	Aug.	S	M	T	W	T	F	S	Dec.	S	M	T	W	T	F	S
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4	5	6	7	8	9	10	11	...	8	9	10	11	12	13	14	...	5	6	7	8	9	10	11
11	12	13	14	15	16	17	18	...	15	16	17	18	19	20	21	...	12	13	14	15	16	17	18
18	19	20	21	22	23	24	25	...	22	23	24	25	26	27	28	...	19	20	21	22	23	24	25
25	26	27	28	29	30	...	...	...	29	30	31	...	...	...	...	...	26	27	28	29	30	31	...

Please give your Name, Post-Office, County and State, in plain hand-writing, and address all orders to

AULTMAN, MILLER & CO.,
AKRON, OHIO.

BUCKEYE

MOWERS, DROPPERS,

TABLE-RAKES,

Light Elevator ^{and} Down

BINDERS.

TESTIMONIALS.

Alexandria, Dakota, Aug. 9, 1885.

I bought one of your Buckeye Light Elevator Binders of Joe Mabley this Spring, and have cut nearly two hundred acres of wheat and oats. About 65 acres was badly down. I did not miss a bundle in that piece. I am a green hand about a binder; never was on one before in my life. We have about every machine here that is made, and I think the Buckeye beats them all. I missed only thirteen bundles in cutting nearly 200 acres.

Yours fraternally,

W. B. WARNER.

Grand View, Dak., Aug. 24, 1885.

I purchased a Buckeye Harvester and Binder of your agents, Wm. Moore & Co., last July. After cutting over 200 acres of grain with the machine without a single hitch or one cent's expense for repairs, I can say I am fully satisfied with your machine, and were I to buy a dozen Binders, the Buckeye would be the machine.

Yours truly,

A. D. MATHER.

Maitland, D. T., Aug. 22, 1885.

The Buckeye Twine Binder purchased from your agents, Wm. Moore & Co., this season has given the best of satisfaction. Have used it in wheat, oats and flax, and it works to perfection in all. Could not ask for a better machine.

Respectfully yours,

JAY CULVER.

Plankinton, Dak., Aug. 22, 1885.

Having purchased one of the Down Binders of your agents, Maxwell, DeJean & Honens, and used it to cut oats, wheat and flax in all conditions, heavy, and ground wet, we must say it did the work to our entire satisfaction. We heard so much against the machine by other agents that we were almost afraid to try a Down, notwithstanding its general appearance and build recommended the Down to our judgment. We are the owners of a Walter A. Wood Binder, and have run the two machines in the same field, and we are compelled to acknowledge the Buckeye Down for lightness of draft, ease of management, and clean work, far surpasses not only the Wood, but any Elevator Binder we have seen working, and we cheerfully recommend it to the farmers of Dakota as the coming machine.

Respectfully yours,

S. P. STUCK & GOSSERT.

Mitchell, Dak., Sept. 1, 1885.

I bought a Buckeye Down Binder of your agent, R. C. Love, of Altoona, Dak., with which I cut about 100 acres; did it all with two horses. It runs light, is easily handled and does its work to perfection. I am perfectly satisfied with my machine, and cheerfully recommend it as a first-class machine.

Yours respectfully,

FRANCIS W. LYONS.

Mitchell, Dakota, September 1st, 1885.

In reference to the Down Binder I bought of you, have to say that I took it home, set it up myself, and cut 80 acres of grain, and have not had twenty minutes' bother with it. Did not see an expert through the harvest, had no need of one. In short I must say it is just the thing—draft is light, no side draft, and easily managed. Success to the Buckeye.

Yours very respectfully, J. D. HUGHSON.

Mitchell, Dak., Sept. 1, 1885.

We bought a Buckeye Down Binder of your agent, R. C. Love, at Altoona, Dak. We set it up ourselves and run it through harvest without the aid of an expert. It has done splendid work, runs light, and is easily handled. We are perfectly satisfied with our machine.

Yours truly, CHARLEY SHOAFF,
W. J. LOVE.

Plankington, Dak., Aug. 15, 1885.

The Down Binder I bought of Maxwell, DeJean & Honens works to my entire satisfaction in oats, wheat and flax. I cut with it where the McCormick had to pull out. It will work on softer ground than any other Binder.

Respectfully, W. H. WELSH.

Plankington, Dak., Aug. 17, 1885.

We bought of your agents, Maxwell, DeJean & Honens, one of your six-foot Elevator Binders, which we set up and started ourselves. We have cut 52 acres of wheat, 27 acres of oats and 58 acres of flax, and have not had a break this season. It does its work to perfection, never missing a bundle, and does not waste grain. We think it the best Elevator Binder made. To any one wanting a Binder we would say, buy a Buckeye, on account of its durability and lightness of draft, as well as the work it does.

COLUMBUS ROSS.
WALTER ROSS.

Fire Steel, Dak., Aug. 19, 1885.

The Buckeye Down Binder I bought of your agents, Maxwell, DeJean & Honens, has taken the cake in this part. I cut about 90 acres in tall and short and tangled grain. Part of my ground was covered with water, and I know that no Elevator machine can cut and do as good work as I did with the Down Binder. Quite a number of the farmers came to see my machine work, and were well pleased and said they wanted Down Binders next year. I am so well pleased with the working of this machine that I have this day bought one of your Light Mowers, and recommend all farmers to get a Buckeye machine in preference to any other.

M. W. SNIDER.

Bower Steel Crossing, Dakota.

Allow me to say I bought one of your Buckeye Down Binders and have tried it in wheat, rye, oats and flax, and must say that it is the easiest and lightest machine I have ever seen, and I heard quite a number of my neighbors say they are going to have a Down Binder next year.

LUKE DOVE.

Plankington, Dak., Aug. 21, 1885.

The Buckeye Elevator Binder I bought of your agents, Maxwell, DeJean & Honens, this season, has done good work in all kinds of grain, and is a No. 1 machine in every respect, being light of draft and easy to manage. I cheerfully recommend it to any one wanting a Binder.

Respectfully yours, R. M. PARRY.

Plankington, Dak., Aug. 22, 1885.

I bought of your agents, Maxwell, DeJean & Honens, one of your six-foot Elevator

I bought of your agents, Maxwell, DeJean & Honens, one of your Light Elevator Binders. I have cut and harvested in good shape, 85 acres of wheat, oats and flax, and am well pleased with the Buckeye. In my judgment there is no better machine, and I would recommend it to any wishing to get a first-class machine.

ROBERT PARKIN.

Plankington, Dak., Aug. 15, 1885.

I was induced to order one of your Buckeye Down Binders through your agents, Maxwell, DeJean & Honens. I took it home, and before they got out to start it, I had it all set up and ready to run. I cut 250 acres of grain, some of it very short, and it did the work nicely and runs light. I used two horses part of the time, while other binders took three and four to keep up motion. Your flax attachment is a complete success, carrying up the flax and binding it without shelling, as some other machines do. I was urged by other machine agents to throw up the Down Binder, and could have bought other machines at greatly reduced prices by doing so, but it does the work nicely and to my entire satisfaction, and I would recommend it to any one wanting a first-class Binder.

Yours respectfully,

MAURICE L. HOITT.

Mitchell, Dak., Aug. 6, 1885.

This is to certify that we, the undersigned farmers, have this day witnessed the working of the Buckeye Down Binder in flax, and have to say it is far superior to any machine we have seen work in flax. It was working side by side with an Elevator Binder, and did work much better, is easier handled, runs lighter for two horses, and is under the driver's instant control. In short, it is a perfect success in all kinds of grain, and we cheerfully recommend it to the farmers of Dakota as being the machine for them to buy.

Very respectfully,

ZERO PECK,
A. M. BILBY,
J. F. ZARGER.

A. M. MAXWELL,
W. F. SWEELY,

Plankington, Dakota.

Mr. W. B. Gaston and myself bought of your agents at this place, Maxwell, DeJean & Honens, one Down and one Light Elevator Buckeye Binder, and used them both, cutting almost all kinds of grain, part of it being short and part of it very high and heavy. They both did the best of work. Our neighbors declare that we made better bundles and did cleaner work than they could do with the machines they used.

Very respectfully,

A. C. LYONS, W. B. GASTON,
JACOB WIKE.

Mitchell, Dak., Sept. 4, 1885.

The Buckeye Light Elevator Binder I bought of your agent, C. E. Gaines, has given me perfect satisfaction. I have cut 205 acres of grain, and have not lost one minute's time on account of the machine. I would say to those wanting the best Binder in the market to buy the Buckeye.

Yours respectfully,

ARCHIE ROBINSON.

Forestburg, D. T., Aug. 20, 1885.

I purchased one of your Light Elevator Binders of your agents, Douglas & Smith, and it gave entire satisfaction—light draft, light on horses' necks, no side draft, and worked as nicely as anything could.

Truly yours,

CHARLES HUTCHINS.

Mitchell, Dak., Sept. 1, 1885.

As you know, I bought one of your celebrated Buckeye Light Elevator Binders of you agent, C. E. Gaines, through the Bonilla Alliance. I have cut in all about 100 acres of grain. It does fine work, runs light, and is a daisy in all kinds of grain, especially flax. I don't think the Buckeye has an equal in the market.

Your very respectfully,

M. C. PECK.

Mitchell, Dakota, September 1st, 1885.

I bought one of your Light Elevator Binders of your agent, R. C. Love, of Altoona, Dak., and cut 155 acres of wheat and oats. My machine runs light, is easily managed, and never misses binding. I am well satisfied with it, and will cheerfully recommend the Buckeye to my neighbors who want the best machine in the market.

Yours truly,

JOHN M. CYNDON.

Mitchell, Dakota, September 1, 1885.

In reply to yours making inquiry as to how I like my Down Binder bought of you through the Bonilla Alliance, have to say I have cut in all 192 acres of grain, wheat, oats, barley, rye, and flax. The most of the cutting I did with two horses. The machine runs light, is easily managed, in fact I think it the finest machine I ever saw, and it works to my entire satisfaction in all kinds of grain. Wishing you success, I am,

Yours respectfully,

IRVING E. FIELDS.

P. S.—Omitted to say that I set up and started my own machine.

Forestburg, D. T., Aug. 20, 1885.

I purchased one of your Light Elevator Binders of your agents, Douglas & Smith, and it was all that they represented it to be. It runs light; no side draft; light on horses' necks, and it cut my entire harvest and did not miss a bundle, unless the cord in the box run out.

Yours very truly,

RICHARD HUGHS.

Mitchell, Dak., Sept. 1, 1885.

We bought one of the Buckeye Down binders of your agent, R. C. Love, at Altoona. I set it up myself and run it through harvest without the aid of an expert, and I had never seen nor run a Binder before. It has done splendid work, runs light, and we are perfectly satisfied with our machine.

Yours respectfully,

GEO. W. VOORHEES.

THOMAS J. PRICE.

Forestburg, D. T., Sept. 9, 1885.

I purchased one of your Down Binders from your agents, Douglas & Smith, and after your man, Mr. Lane, came and put it in order, it gave entire satisfaction, and the flax attachment and bundle carrier are complete and a grand success.

Yours truly,

H. C. WARNER.

Sanburn Co., Aug. 20, 1885.

I bought one of your Light Elevator Binders from your agents, Douglas & Smith, and it was all I could ask for—light draft, light on horses' necks, and no side draft—and takes the cake cutting flax.

Truly yours,

J. E. ROBINSON.

Bonilla, Dak., Sept. 8, 1885.

The forty-one Buckeye Binders purchased by members of our alliance have given complete satisfaction. They are not equaled for lightness of draft or excellence of work by any machine used in this locality. A number of our members who will buy binders next season have told me that they will buy Buckeyes. Respectfully yours, HENRY HARRISON,

Purchasing Agent of the Bonilla Alliance.

Mitchell, Dak., Sept. 1, 1885.

The Buckeye Light Elevator Binder I bought of your agent, C. E. Gaines, has given me perfect satisfaction in every particular. I cut my entire crop with two horses. It runs light and never missed tying a bundle. I want no other.

Yours truly,

GEO. KESSELL.