



AMERICA UP TO DATE.

WITH THE COMPLIMENTS OF AULTMAN, MILLER & CO., AKRON, OHIO.

"BUCKEYE."

To all who claim Ohio as their native State, the word "Buckeye" brings a feeling of personal interest and conveys an impression of stability and sterling worth, at once calling and holding attention to whatever it may represent. Especially is this true of agricultural implements bearing the name of "Buckeye." In fact, when associated in this way, the impression is at once felt by all, whether "Buckeyes" or natives of some other State, whether Americans or foreigners; throughout the world, wherever agricultural implements are used, the Buckeye lines of implements need no introduction. They are known on sight and are fully appreciated.

The Buckeye tree is one of the noblest types of the forest kingdom. It instinctively repels moths, mildews and parasites of every description. The Buckeye tree, the Buckeye machine, and its inventor, are all natives of the Buckeye State.

The Buckeye is the only harvesting machine whose name indicates the State in which it is manufactured.

In peace or war, at home and abroad, the title Buckeye has ever been a proud distinction. No Buckeye has had to blush for his State. The first statesmen and the greatest generals were of Buckeye birth and education.

In the production of great men and great minds in the management of our National affairs Ohio leads the way.

Prior to forty years ago the world's hay and grain crop was saved by manual labor. There had been other experimenters, but their devices were heavy, clumsy and difficult

It lifted the farmer from manual slavery to mechanical mastery. Other inventors might, and probably would, have opened the way to all these blessings, but that is what Lewis Miller, the inventor of the Buckeye, **did** do.

The Buckeye is a grand outgrowth of mechanical skill. It is powerfully rooted in the needs of farmers on the one hand, and in the comfort, convenience and economy it brings to farmers on the other hand. In it is embodied inventive genius of the highest order, assuring to it a degree of efficiency, simplicity, light draft and consequent popularity such as is possessed by no other machine. The Buckeye's branching top typifies its range of influence which is co-extensive with the harvest fields of the world. "East, West, North and South, wherever you go, ring the praises of Aultman, Miller & Co."



ROOTS AND FRUITS OF BUCKEYE INVENTION.

to handle. The advantages available from the possession of their machines were so doubtful that farmers refused to buy them. The invention of the Buckeye, by a native of the Buckeye State in 1856, changed all this. The advent of the Buckeye revolutionized harvesting processes quickly in America, but ultimately in all civilized countries.

The revolutionary change to which reference has been made was fraught with richest blessings to mankind in general, but especially and emphatically to the farmers of America, because:

It saved time.

It saved money.

It cheapened the means of living.

It shortened the hours of labor.

It multiplied the rewards of labor.

It saved the hardest labor of the year.

It pushed American agriculture to the front.

It opened new opportunities to the farmer's children.

It emancipated the farmer's wife from her heaviest drudgery.

BUCKEYE HARVESTING MACHINES

And their Appurtenances will be for Sale as follows:

BUCKEYE MOWER. Light, tubular frame; long shafting; brass boxing; adjustable bearings; simplest gears; shear cut; direct draft; close cutting; light of draft; handsome in finish; durable; first-class foot-lift; folding the bar for transport. This mower is built in the following sizes:

Buckeye One-Horse Mower. Built with shafts; 3 feet 9 inch cut.

Buckeye Light Mower. A very light mower for two horses; 4 feet 3 inch cut.

New Buckeye Mower. Standard size; 4 feet 6 inch cut. This size is also built to combine with Table Rake and Dropper.

Buckeye Wide Cut Mower. 5, 6 and 7 feet cut.

BUCKEYE FRAME-LESS BINDER. 5, 6 and 7 feet cut. No heavy frame-work; perfect simplicity and reliability; no sectors; no loose-ended axles. No possible twisting of bearings or gears; unapproached portability over soft ground; chain drive; open-end elevator; best reel; no posts, no chains; folding bundle-carrier; handy truck.

BUCKEYE BANNER BINDER. Dispenses with elevator canvases; open end platform; low; light; a favorite over every binder in hilly farming; ready for large and long work in any crop; positive separation; bundle carrier equal to the best; best and simplest reel; handy truck. 5 ft. 3 in., and 6 ft. cut.

BUCKEYE TABLE RAKE. 4 feet 6 inches in grass; 5 feet 2 inches in grain; delivers sheaves at side; makes any sized sheaf; makes best shaped sheaf.



BUCKEYE DROPPER. 4 feet 6 inches in grass; 5 feet 2 inches in grain; simplest reaper; delivers sheaves in rear.

BUCKEYE CORN HARVESTER. Adapted to the swift and easy handling of standing corn.

BUCKEYE ATTACHMENTS. Trucks for all sizes of all Buckeye Binders; Buckeye Bundle-Carriers for all Buckeye Binders; Buckeye Flax and Clover Dump; Header Attachment; Weed Cutting Attachment.

REPAIRS. Complete stocks of repairs for Buckeye Machines are kept on hand by our branch houses and principal agencies, and are thus made quickly available to purchasers of our machines in all parts of the country.

BUCKEYE TWINES. Pure Manila; pure Sisal; Buckeye Mixed Twines. We make our own twine and guarantee it.

Branch Houses and Offices in the United States.

AULTMAN, MILLER & CO.
Dallas, Texas.
AULTMAN, MILLER & CO.
Nashville, Tenn.
AULTMAN, MILLER & CO.
Kansas City, Mo.
WM. KOENIG & CO.
St. Louis, Mo.
AULTMAN, MILLER & CO.
Wichita, Kan.
AULTMAN, MILLER & CO.
Denver, Col.
HOOKER & CO.
San Francisco, Cal.

AULTMAN, MILLER & CO.
Ogden & Salt Lake City, Utah.
AULTMAN, MILLER & CO.
Council Bluffs, Iowa.
AULTMAN, MILLER & CO.
Cedar Falls, Iowa.
AULTMAN, MILLER & CO.
Des Moines, Iowa.
AULTMAN, MILLER & CO.
Sioux City, Iowa.
AULTMAN, MILLER & CO.
Minneapolis, Minn.
AULTMAN, MILLER & CO.
Lansing, Mich.

AULTMAN, MILLER & CO.
Indianapolis, Ind.
AULTMAN, MILLER & CO.
Fort Wayne, Ind.
AULTMAN, MILLER & CO.
Louisville, Ky.
AULTMAN, MILLER & CO.
Columbus, O.
AULTMAN, MILLER & CO.
Cincinnati, O.
AULTMAN, MILLER & CO.
Middlefield, O.
AULTMAN, MILLER & CO.
Tiffin, O.

AULTMAN, MILLER & CO.
Chicago, Ill.
AULTMAN, MILLER & CO.
Pittsburgh, Pa.
AULTMAN, MILLER & CO.
Harrisburg, Pa.
AULTMAN, MILLER & CO.
Baltimore, Md.
AULTMAN, MILLER & CO.
Rochester, N. Y.
AULTMAN, MILLER & CO.
(Eastern and Export House)
18 Warren St., New York

UP-TO-DATE
HARVESTING
MACHINERY.



AMERICA'S
GREATEST GIFT
TO AGRICULTURE.

In June, 1856, forty years ago, there was to be seen in the shop-yard of Aultman, Miller & Co. a strange device. It was a machine contrived for the purpose of mowing grass and reaping grain. The power, or machine proper, rested on two wheels. From this power a long tongue projected, showing that horses were to be used in the machine's propulsion. From the side of the power projected a toothed-bar in front of which was a serrated, vibrating knife.

This machine had many features that were new to the world. One of these was the two driving wheels; another was the insertion of two hinges in the bar connecting the cutters to the power. When this machine came to be tested in the field it was, to the great joy of its inventor, found to be a perfectly practical and a very useful implement.

That the causes of his joy were well founded has been obvious from that day to this, for now all farmers have mowing machines, and all mowing machines have the two wheels and hinged bar and other devices invented by Lewis Miller. These inventions were the real starting point of the great career of Aultman, Miller & Co.'s Buckeye manufactory.

Although the Buckeye is easily the most important of the industries devoted to the manufacture of harvesting machines, the especial pride of the house is not that it produces the cheapest and the most machines. Its real aim has been to furnish to farmers machines that are **most simple in design, superior in quality and finish**, machines that excel those of all competitors in **quality of work, in convenience, in lightness of draft**, and in those **staying qualities** that mean **durability**.

It is with the utmost pleasure that we can continue to claim for the Buckeye an almost exclusive trade in the back-bone agricultural districts of the United States. In many of these trade centers, serving regions where farming has been productive of the greatest wealth and independence, the Buckeye has defied the attempts of all the varieties of cheap and transient machines to displace it. Buckeye mowers, reapers and binders have been dominant for all these forty years, and were never held in higher esteem than to-day. The reason is simple—the Buckeye is, and has ever been, recognized as

The Only Up-to-Date Machine in America.

The employment of our short upper Elevating Canvas in tests made in various parts of the country three years ago has had remarkable consequences. The larger share of last year's Buckeyes were made with the short upper canvas, and hereafter all will be made in that way. As usual there are many imitations, and the "open-end elevator" is the characterizing name of this feature. The open-end is an improvement in the direct Buckeye line of simplicity, and taken in connection with our Frameless feature places our binder, already the simplest of all, a long ways in front of every other machine in the important respects of **easy running and handling**.

With farmers having smallish or hilly farms our Banner Binder **fully maintains and adds to its prestige**. The efforts of envious competitors to invade and share in the splendid trade this binder has built up, by the so-called low elevators, has been utterly abortive. The features of greatest value to the farmer are patented and some years must elapse before competitors dare copy the same with impunity.

No machine used on the farm is held in higher esteem than the Buckeye Mower. No mower is so largely used. Probably one half the mowers in the world are Buckeyes. And the other half would be utterly worthless if they had not copied the inventions made by Lewis Miller in 1856.

In order that our patrons may always know whether they are **up to date** we make room in this catalogue for a most useful and comprehensive

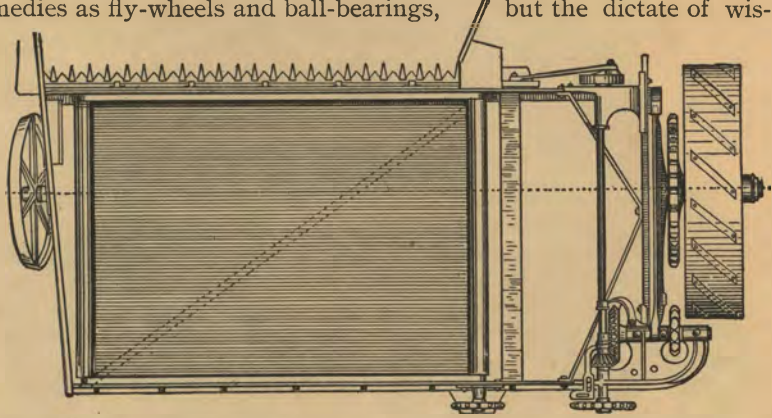
Almanac for the Year 1896.

The astronomical calculations were made specially for us by H. V. Egbert, Professor of Astronomy in Buchtel College. There is sure to be a large demand for our catalogue, and copies can be obtained of our agents while the supply lasts.

The times of the rising and setting of the sun and moon given in this almanac are expressed in local mean sun time. They may be changed to any one of the standard times by adding the difference of time for any point west of the standard meridian or by subtracting the difference for any point to the east.

The Buckeye is distinguished from other Binders by the absence of that heavy, useless metal frame work passing clear around the large driving wheel which such machines are obliged to carry. Their plan of construction necessitates an addition to their dead-weight which is a grievous burden to the farmer. This weight and draft has possibly been somewhat lightened by such transient make-shift remedies as fly-wheels and ball-bearings, but the dictate of wisdom and common sense would surely be to build the binder in such form as would at once do away with this great weight and these added complications.

This ground-plan shows the simplicity of the Frameless. The driving-wheel at one end carries the weight and furnishes the power, and the grain-wheel at the other end carries the platform. Over the line of equilibrium the driver's weight balances the machine perfectly. The platform is diagonally braced.



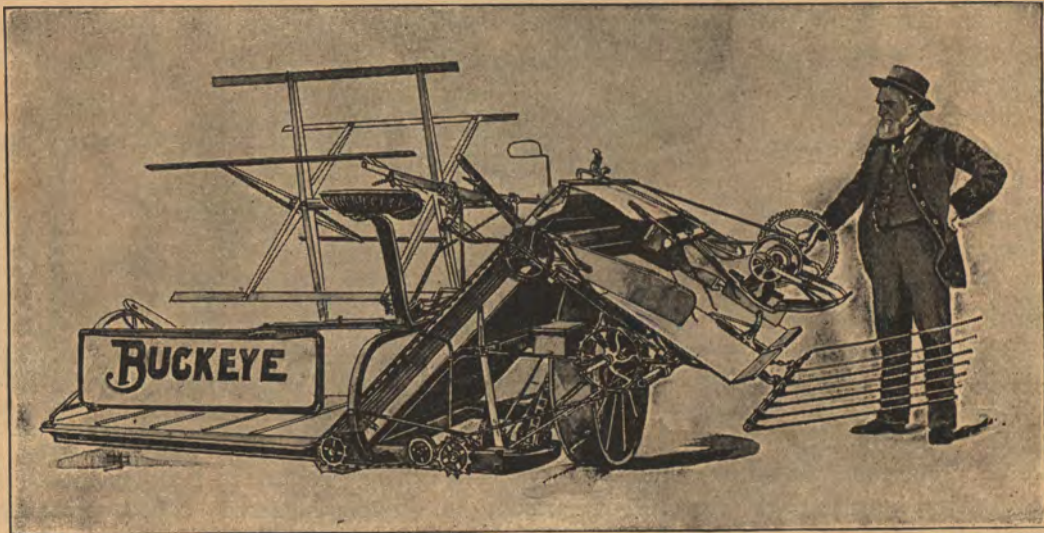
There is perfect proportion, and stiffness and strength. The boxing, journals and alignment are perfect and remain so. And yet how simple! How full of harmony with common sense! No ideal conception of a self-binding harvester ever surpassed it.

1896**JANUARY**

Moon's Last Q. 7, 9:25 am. First Q. 22, 8:42 pm
Phases New 14, 4:19 pm. Full 30, 2:55 am

Day of Year.	Day of Month	DAY.	HISTORICAL EVENTS.	Moon's Signs.	NORTHERN STATES.			SOUTHERN STATES.		
					SUN RISES	SUN SETS	MOON RISES	SUN RISES	SUN SETS	MOON RISES
					H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	1	Wednesday	San Francisco Exposition opens, 1894.....	♈	7 34	4 34	5 43	7 6	5 2	6 13
2	2	Thursday	Battle of Trenton, 1777.....	♈	7 34	4 34	7 3	7 6	5 3	7 26
3	3	Friday	Battle of Stone River, 1863.....	♈	7 34	4 35	8 22	7 6	5 4	8 36
4	4	Saturday	Inter-State Commerce Bill, 1892.....	♈	7 34	4 36	9 38	7 6	5 5	9 46
5	5	Sunday	Australian Buckeye Medal award, 1886.....	♈	7 34	4 37	10 54	7 6	5 6	10 54
6	6	Monday	Richmond burned, 1786.....	♈	7 34	4 38	morn	7 6	5 6	morn
7	7	Tuesday	Millard Fillmore born, 1800.....	♈	7 33	4 39	12 9	7 6	5 7	12 2
8	8	Wednesday	Gen. Putnam born, 1718.....	♈	7 33	4 41	1 25	7 6	5 8	1 10
9	9	Thursday	Francis Drake died, 1606.....	♈	7 32	4 42	2 40	7 6	5 9	2 18
10	10	Friday	English Penny Post, 1840.....	♈	7 32	4 43	3 56	7 5	5 10	3 28
11	11	Saturday	Bayard Taylor born, 1825.....	♈	7 32	4 44	5 8	7 5	5 11	4 35
12	12	Sunday	S. P. Chase, born, 1808.....	♈	7 31	4 45	6 15	7 5	5 12	5 38
13	13	Monday	Robert Bruce died, 1329.....	♈	7 31	4 47	7 10	7 5	5 13	6 33
14	14	Tuesday	Bonaparte family banished, 1816.....	♈	7 30	4 48	sets	7 5	5 14	sets
15	15	Wednesday	Funeral of Napoleon III., 1873.....	♈	7 30	4 50	5 26	7 5	5 15	5 51
16	16	Thursday	Gibbon died, 1794.....	♈	7 29	4 51	6 34	7 5	5 16	6 51
17	17	Friday	John Tyler died, 1862.....	♈	7 29	4 52	7 39	7 4	5 17	7 51
18	18	Saturday	Daniel Webster born, 1782.....	♈	7 28	4 53	8 43	7 4	5 17	8 48
19	19	Sunday	Charleston burned, 1778.....	♈	7 27	4 54	9 45	7 3	5 18	9 44
20	20	Monday	Buckeye Reaper invented, 1858.....	♈	7 26	4 55	10 44	7 3	5 19	10 38
21	21	Tuesday	Ex-President Hayes died, 1893.....	♈	7 26	4 56	11 46	7 3	5 20	11 33
22	22	Wednesday	Henry VIII. born, 1547.....	♈	7 25	4 58	morn	7 3	5 21	morn
23	23	Thursday	O'Connell tried, 1844.....	♈	7 25	5 00	12 50	7 2	5 22	12 31
24	24	Friday	Buckeye Banner Binder invented, 1881.....	♈	7 24	5 1	1 57	7 2	5 23	1 31
25	25	Saturday	Gen. Ewell died, 1872.....	♈	7 23	5 3	3 5	7 2	5 24	2 33
26	26	Sunday	Michigan admitted, 1837.....	♈	7 22	5 4	4 10	7 2	5 25	3 35
27	27	Monday	James G. Blaine died, 1893.....	♈	7 21	5 6	5 13	7 1	5 26	4 37
28	28	Tuesday	Napoleon III. married, 1856.....	♈	7 20	5 7	6 6	7 1	5 26	5 32
29	29	Wednesday	Surrender of Paris, 1871.....	♈	7 19	5 9	6 50	7 0	5 27	6 21
30	30	Thursday	Gen. Banks born, 1816.....	♈	7 18	5 10	rises	7 0	5 28	rises
31	31	Friday	Great Eastern launched, 1858.....	♈	7 17	5 11	7 22	6 59	5 29	7 32

The Low Grain Prices will not admit of extravagance, or mistakes, or of experimenting with experiments. The Buckeye Binder means a saving of time, and twine, and money. Thousands upon thousands of farmers stand ready to confirm our statement.



Six years ago Aultman, Miller & Co. commenced the manufacture of Buckeye Frameless Binders to supply their extensive trade. It had been tested in every state, crop and condition of ground. **Most nobly has the Frameless vindicated its superiority** over all other binders from that day to this. The boldness of the enterprise that dared to break away from the old conventional ideas marks one of the longest forward strides in binder development.

The brain that first conceived the frameless mower also made the frameless binder. Now all mowers are frameless, and, but for our protecting patents, the binders would be swift to join in the procession now headed by the only up-to-date binder on the market.

Since commencing the manufacture of this superb machine we have from time to time been forced to build very large additions to our works, but with all these added facilities we at times still fall far short of meeting the demands of our agents and customers. This great increase in trade is largely due to the Buckeye Binder which by its **simple action**, its **light draft**, its **convenience and durability**, puts before the farmer an ideal model of what such a machine should be.

The Buckeye Frameless Binder is a machine distinct from all others of its class, rendered so by its superior devices for reeling, sheaf-making and delivery, as well as by the **absence of numerous cumbrous and heavy parts** formerly deemed necessary on the Buckeye and still retained by binders of a certain class. It can be briefly, but truly, said that the Frameless system is one in which are embodied the **greatest strength and durability**, the **least weight and draft**, the **fewest parts** and the **simplest form of construction**, in fact the only **Up-to-Date Binder**.



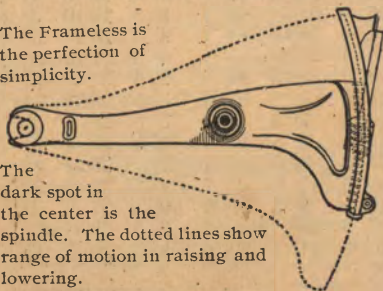
Frameless !

Below is shown the machine-supporting, and raising and lowering plan of the Buckeye.

The cut at the right shows the pieces required to make up the equivalent part of one of the simplest of the old fashioned wheel frame binders; fourteen weighty pieces held together by sixteen bolts!

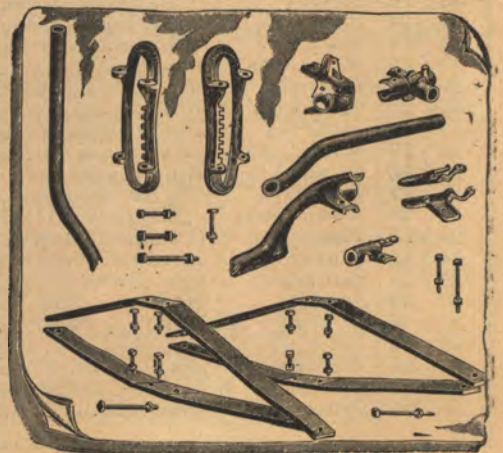
The Frameless is the perfection of simplicity.

The dark spot in the center is the spindle. The dotted lines show range of motion in raising and lowering.



The Buckeye's two pieces and two bolts **fulfill every purpose accomplished by the thirty pieces** on the truss-bridge pattern; they **do the work easier, last longer, save large weight and draft**, and never can twist or get out of order.

The Buckeye principle assures the **greatest strength, the least weight, the fewest parts, the simplest construction**.



Largest
Drive-Wheel
Made.



Note the beveled bearing of spoke against rim of wheel.

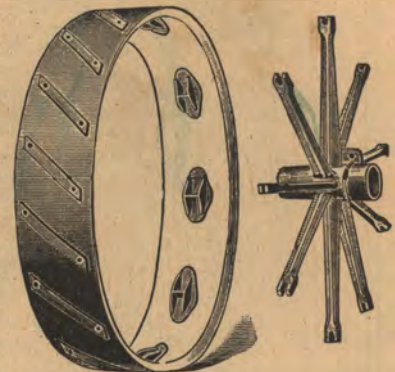
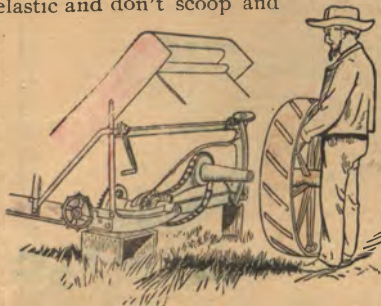
Light in Weight,
A Giant in
Strength.

Up-to-Date
Buckeye
Self-Tightening
Indestructible
Main
Driving
Wheel.



Hub and Spokes one Solid Piece.
Lightest Wheel and Lightest Running
Wheel.
Easiest to Take Off.
Can't be Loosened Up or Broken Down.
The Only Self-Tightening Wheel.
All Strain Only Tends to Make it Tighter
and Stronger.

Our wheel is distinguished by its lightness and simplicity. Note the absence of bolts, stay-bolts, sectors and other heavy parts. The rim is made of a good strong tire enclosing a thick felloe of second-growth oak, with rounding edges. It is strong, hold dirt. **The spokes and hub are one piece.** The whole is made of **two pieces instead of forty.** See the beveled bearings of the spokes against the rim. See for yourself that our wheel is what we say it is—**self-tightening.** No need of a monkey-wrench here as with the forty pieces held together by bolts and nuts. This **wheel is your ample assurance** against risks that are always inflicting heavy losses on the pieced-up constructions. **See how easy** it goes on and off. It has a broad face, preventing its sinking down below the surface and raising up mud or sand and dropping it back. Strong malleable cleats on tire hold the machine to the grain and assure its tractile power. The result



of all this is **strength, straight-ahead, all-day work and no monkeying with the monkey-wrench** in the crisis of hot harvest work. Make a note of its simplicity and light appearance. Hundreds of thousands are doing great work.

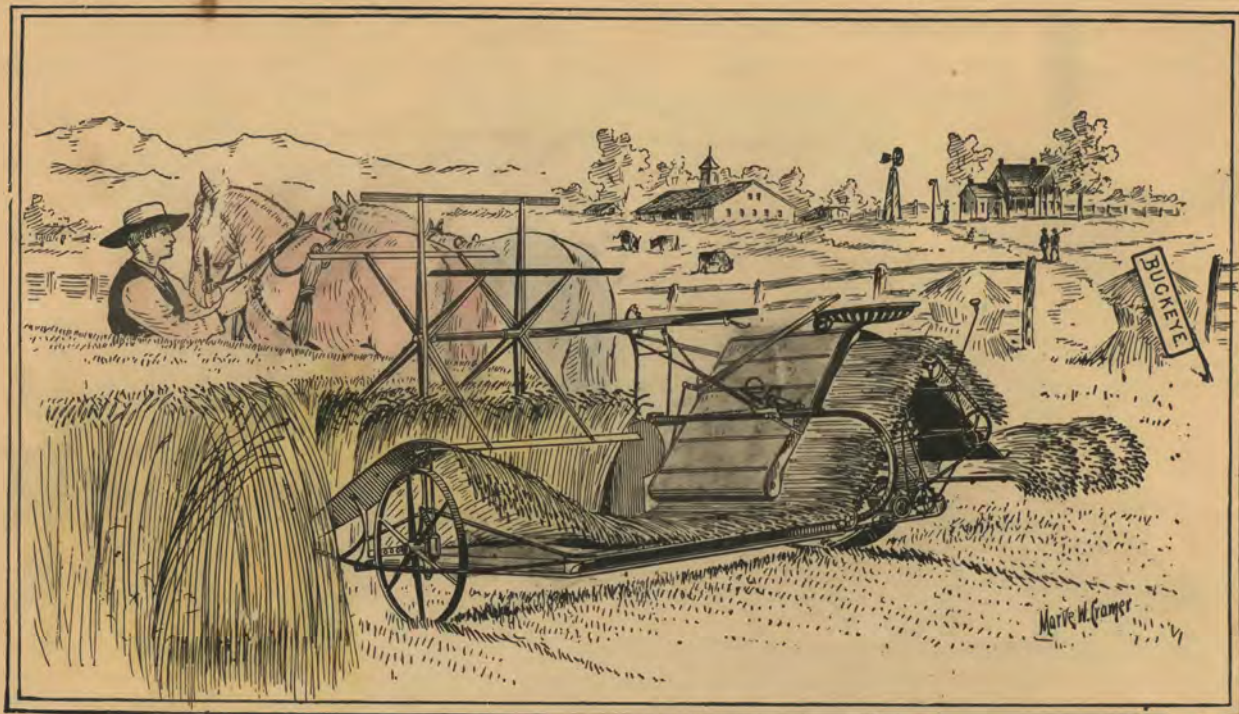
1896

FEBRUARY

Moon's { Last Q. 5, 6:38 pm. First Q. 21, 3:15 pm
Phases { New 13, 10:13 am. Full 28, 1:51 pm

Day of Year.	Day of Month.	DAY.	HISTORICAL EVENTS.	Moon's Signs.	NORTHERN STATES.						SOUTHERN STATES.					
					SUN RISES		SUN SETS		MOON RISES		SUN RISES		SUN SETS		MOON RISES	
					H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.
32	1	Saturday	Washington first elected, 1789	♂	7	16	5	12	8	36	6	58	5	30	8	39
33	2	Sunday	Hussey's open-top guard invented, 1847	♂	7	15	5	14	9	56	6	58	5	30	9	51
34	3	Monday	Horace Greeley born, 1811	♂	7	14	5	15	11	2	6	57	5	31	10	59
35	4	Tuesday	John Rogers burnt, 1555	♂	7	12	5	16	morn	6	56	5	32	morn		
36	5	Wednesday	Ole Bull born, 1810	♂	7	11	5	17	12	31	6	55	5	33	12	11
37	6	Thursday	Dickens born, 1812	♂	7	10	5	18	1	48	6	54	5	34	1	20
38	7	Friday	Georgia settled, 1733	♂	7	9	5	20	3	0	6	52	5	36	2	28
39	8	Saturday	Peter the Great died, 1725	♂	7	7	5	22	4	9	6	51	5	37	3	32
40	9	Sunday	Confederate Congress meets, 1861	♂	7	5	5	23	5	6	6	50	5	38	4	29
41	10	Monday	Canada ceded, 1763	♂	7	4	5	24	5	51	6	49	5	39	5	18
42	11	Tuesday	Edison born, 1847	♂	7	3	5	25	6	27	6	48	5	40	5	58
43	12	Wednesday	Abraham Lincoln born, 1809	♂	7	2	5	27	6	55	6	47	5	41	6	32
44	13	Thursday	Ethan Allen died, 1789	♂	7	1	5	28	sets	6	46	5	42	sets		
45	14	Friday	Surrender of Fort Donaldson, 1862	♂	6	59	5	29	6	31	6	45	5	43	6	38
46	15	Saturday	Galileo born, 1654	♂	6	58	5	30	7	33	6	44	5	44	7	35
47	16	Sunday	Dr. Kane died, 1857	♂	6	57	5	32	8	35	6	43	5	45	8	31
48	17	Monday	Peace with England, 1815	♂	6	55	5	33	9	36	6	42	5	46	9	25
49	18	Tuesday	John Smith born, 1609	♂	6	54	5	35	10	39	6	41	5	47	10	23
50	19	Wednesday	Liverpool bread riot, 1845	♂	6	52	5	36	11	43	6	40	5	48	11	20
51	20	Thursday	Voltaire born, 1694	♂	6	51	5	37	morn	6	39	5	49	morn		
52	21	Friday	General Sherman died, 1891	♂	6	49	5	38	12	49	6	38	5	50	12	20
53	22	Saturday	Washington born, 1732	♂	6	47	5	40	1	55	6	36	5	50	1	21
54	23	Sunday	John Q. Adams died, 1848	♂	6	46	5	41	2	56	6	35	5	51	2	20
55	24	Monday	Johnson impeached, 1868	♂	6	44	5	42	3	53	6	34	5	52	3	17
56	25	Tuesday	Battle of Trenton, 1776	♂	6	43	5	43	4	40	6	33	5	53	4	8
57	26	Wednesday	Earthquake, Lisbon, 1796	♂	6	41	5	45	5	20	6	32	5	54	4	54
58	27	Thursday	Longfellow born, 1807	♂	6	39	5	47	5	51	6	30	5	56	5	34
59	28	Friday	Koch microbe of consumption, 1882	♂	6	37	5	48	rises	6	29	5	57	rises		
60	29	Saturday	This extra day means leap year	♂	6	36	5	50	7	29	6	28	5	58	7	28

February is a busy month for the Buckeye. The big factory hums every working hour. Train loads of Binders and Mowers are sent forth to stock up our Branch Houses in all parts of the world.



Handsome in Finish, Graceful in Appearance.

THE ATHLETE OF THE HARVEST FIELD.

Such is the Buckeye Frameless Binder.

In no place have the needs of farmers and the mechanics of agriculture been more profoundly studied than at the Buckeye Works. From this starting point new methods of crop-handling have been sent abroad into the world that lighten the farmer's toil and multiply his productive capacity manifold. In the marts of commerce the Buckeye finds its most formidable competitors armed with the weapons, the ideas, that were first fashioned by itself.

The splendid career of the Buckeye Frameless, and the swiftly growing enthusiasm in its favor on the part of farmers who have run the gauntlet of the shorter-lived complications, leave no doubts as to its actual and superior merits. Having done away with those heavy parts that characterized the old-fashioned harvester, the Buckeye is simply a **complete automatic binder**—nothing more nor less.

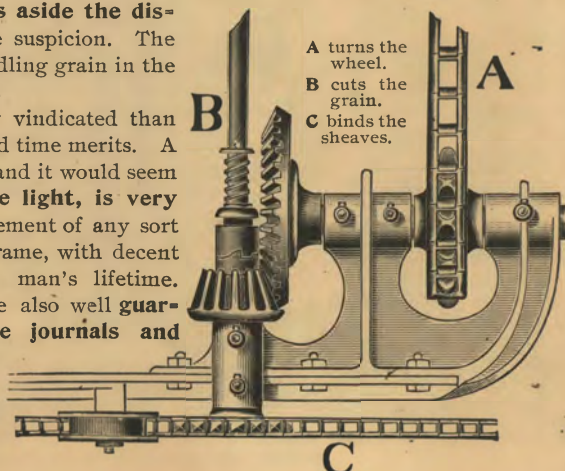
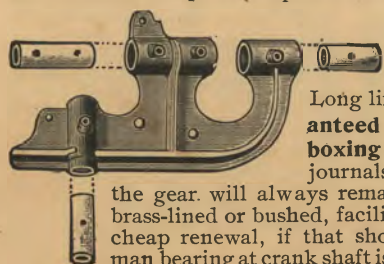
The old dual characters of harvester and binder are obliterated by the fact that there is no longer any need of the efforts to patch up a compromise between the two devices. The **newer, easier and simpler method** of the Buckeye not only does away with many cumbrous and really useless parts, but it also **sweeps aside the disfigurement of transient, make-shift devices** which justly arouse suspicion. The harmonious whole Buckeye Binder is the only machine capable of handling grain in the **most perfect and satisfactory style known to the mechanic arts.**

Highest Competitive Prizes could not be more emphatically vindicated than those which have so frequently been awarded to the Buckeye for old time merits. A striking example is our original system of gearing which has never, and it would seem can never, be improved upon. In the first place, the frame, **while light, is very strong.** Twisting or disarrangement of any sort

is impossible. Of course this frame, with decent treatment, would outlast any man's lifetime.

Long life and a smooth, easy motion are also well **guaranteed in the construction of the journals and boxing of this frame.** As both the journals run in **one and the same frame**

the gear will always remain true. The long bearings are brass-lined or bushed, facilitating easy running, or easy and cheap renewal, if that should ever be necessary. The pitman bearing at crank shaft is also extra long, and brass-lined.



A turns the wheel.
B cuts the grain.
C binds the sheaves.

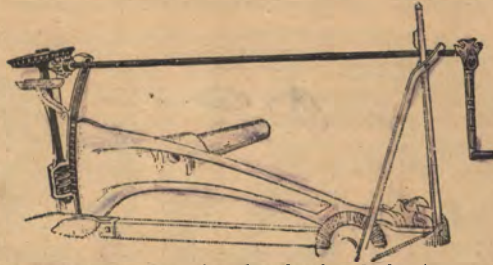
A Grand Feature, and one that is strictly **up-to-date**, is our **Raising and Lowering** device. What delays and vexations, what pains and aches, what precious time such an improvement on all previous methods **is capable of saving, and does save**, to the harvest-hurried farmer!

Natural Position.

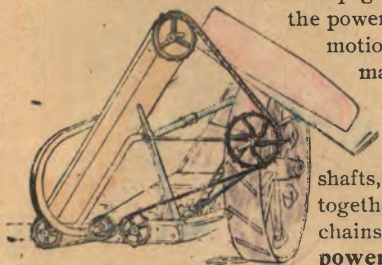
Easy Operation.

Quick and Sure Action.

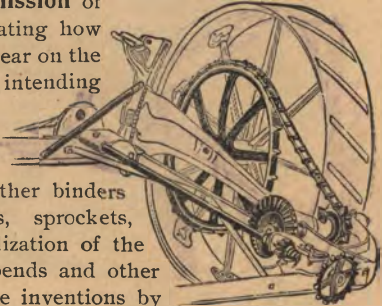
Impossibility of Disarrangement.



The darkly shaded part of the cut shows the device—all there is of it. No stooping, straining, back-breaking effort is required. Throw the old "sectors" into the scrap pile. That's where they belong!



On this page is also shown the **simple single-chain transmission** of the power to cutters and binder; also another cut illustrating how motion of drive-wheel is communicated to the only gear on the machine by means of our drive chain. The intending buyer should make a careful comparative examination. While viewing the Buckeye let him imagine the addition of the long, heavy bars, shafts, sectors, bolts and braces required to hold other binders together; also the complicated brush-work of rods, sprockets, chains, gears and cams, and he will approach a realization of the **power he will save**, and of the losses by breaks, bends and other



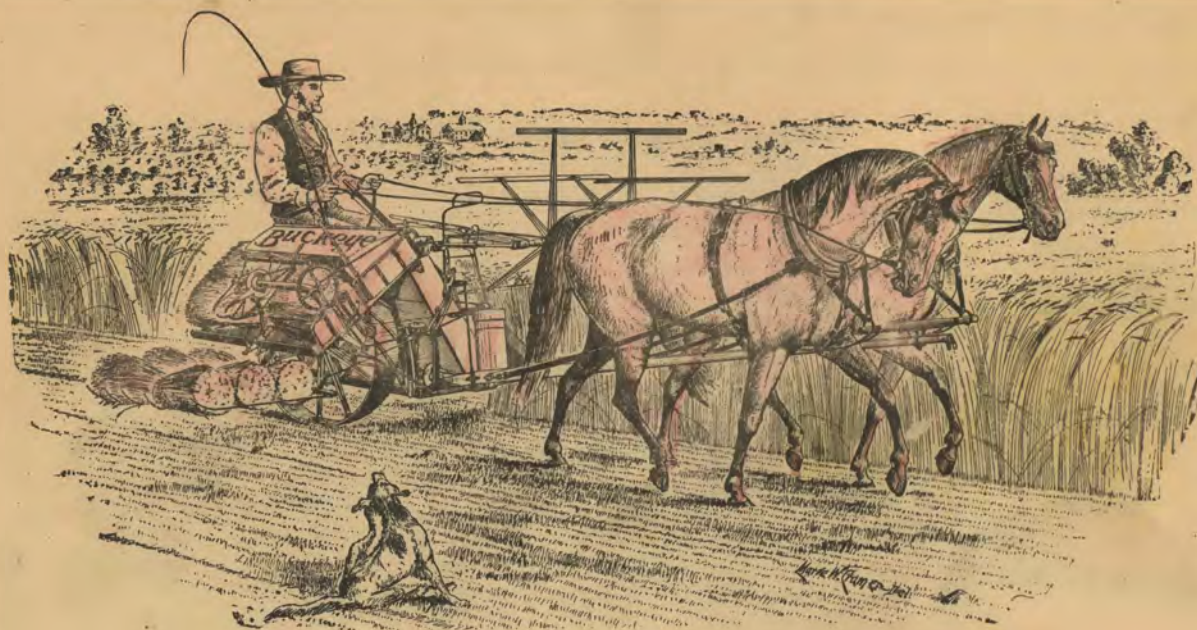
disarrangements and **perils he will escape** by getting the Buckeye. The successive inventions by which this unparalleled simplicity has been attained constitute **grand recommendations** for the **Buckeye Frameless Binder**. Their praises are in the mouths of our enthusiastic farmer patrons, because they go farther than any system ever devised toward assuring **Perfect Work, Light Draft and Long Life** as their beneficent result.

1896

MARCH

Moon's Last Q. 6, 5:29 am. First Q. 22, 5:57 am
Phases New 14, 4:48 am. Full 28, 11:22 pm

Day of Year.	Day of Month.	DAY.	HISTORICAL EVENTS.	Moon's Signs.	NORTHERN STATES.						SOUTHERN STATES.					
					SUN RISES		SUN SETS		MOON RISES		SUN RISES		SUN SETS		MOON RISES	
					H.	M. H.	M. H.	M.	H.	M.	H.	M. H.	M. H.	M.	H.	M.
61	1	Sunday	Prussians enter Paris, 1871	♈	6	34	5	51	8	50	6	27	5	59	8	41
62	2	Monday	Buckeye Mower invented, 1856	♈	6	32	5	52	10	10	6	25	5	59	9	54
63	3	Tuesday	Nevada admitted, 1863	♈	6	30	5	54	11	31	6	24	6	0	11	6
64	4	Wednesday	Presidents inaugurated	♈	6	28	5	55	morn		6	22	6	0	morn	
65	5	Thursday	Long Distance Telephone estab., 1893.	♈	6	26	5	56	12	50	6	21	6	1	12	19
66	6	Friday	Ph. Sheridan born, 1831	♈	6	24	5	57	2	1	6	20	6	2	1	25
67	7	Saturday	Kilpatrick's raid, 1864	♈	6	23	5	58	3	2	6	18	6	3	2	25
68	8	Sunday	First U. S. Congress, 1789	♈	6	21	6	0	3	51	6	17	6	4	3	17
69	9	Monday	William I. of Germany died, 1888	♈	6	20	6	1	4	31	6	15	6	5	4	0
70	10	Tuesday	Monitor whips Merrimack, 1862	♈	6	18	6	2	4	59	6	14	6	6	4	34
71	11	Wednesday	Chas. Sumner died, 1873	♈	6	16	6	3	5	23	6	13	6	7	5	5
72	12	Thursday	Prince of Wales married, 1862	♈	6	15	6	4	5	44	6	12	6	8	5	31
73	13	Friday	Uranus discovered, 1781	♈	6	13	6	6	6	1	6	10	6	8	5	55
74	14	Saturday	Henry Ward Beecher died, 1887	♈	6	12	6	7	sets		6	9	6	9	sets	
75	15	Sunday	Maine admitted, 1820	♈	6	10	6	8	7	27	6	8	6	10	7	18
76	16	Monday	Strasburg taken, 1872	♈	6	8	6	9	8	30	6	7	6	11	8	16
77	17	Tuesday	St. Patrick's Day	♈	6	6	6	10	9	33	6	5	6	12	9	12
78	18	Wednesday	J. C. Calhoun born, 1782	♈	6	5	6	11	10	37	6	4	6	13	10	11
79	19	Thursday	Spring begins	♈	6	3	6	12	11	44	6	2	6	14	11	12
80	20	Friday	La Salle killed, 1687	♈	6	1	6	13	morn		6	1	6	15	morn	
81	21	Saturday	Lucknow captured, 1858	♈	5	59	6	14	12	48	6	0	6	16	12	2
82	22	Sunday	Emperor William I. born, 1797	♈	5	57	6	15	1	43	5	59	6	17	1	7
83	23	Monday	Battle of Winchester, 1862	♈	5	56	6	17	2	35	5	57	6	18	2	1
84	24	Tuesday	Longfellow died, 1882	♈	5	54	6	18	3	15	5	56	6	19	2	46
85	25	Wednesday	Fugitive Slave Law passed, 1851	♈	5	52	6	19	3	49	5	55	6	20	3	27
86	26	Thursday	Beethoven died, 1827	♈	5	50	6	20	4	17	5	54	6	21	4	3
87	27	Friday	Florida discovered, 1512	♈	5	48	6	21	4	41	5	52	6	22	4	34
88	28	Saturday	Raphael born, 1483	♈	5	47	6	23	5	6	5	51	6	22	5	6
89	29	Sunday	Swedenborg died, 1772	♈	5	45	6	24	rises		5	49	6	23	rises	
90	30	Monday	Grant received by the Pope, 1878	♈	5	43	6	25	9	1	5	48	6	24	8	41
91	31	Tuesday	J. C. Calhoun died, 1850	♈	5	41	6	26	10	24	5	47	6	24	9	56



Front View of Buckeye Frameless Open-End Binder.

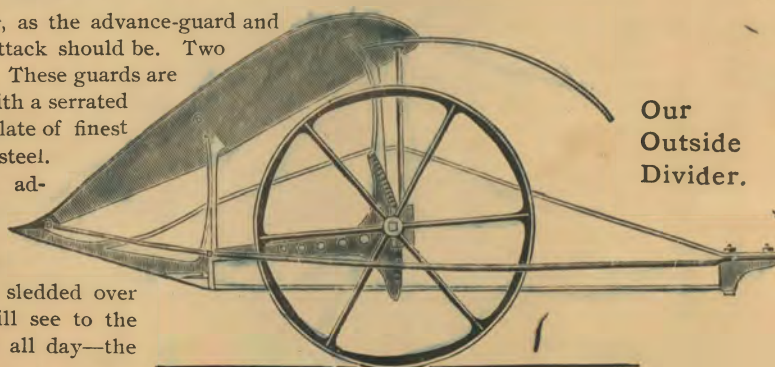
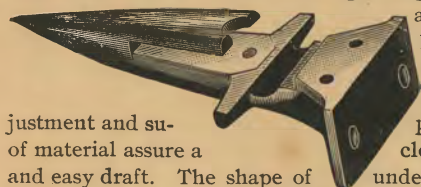
A simple binder that runs easy and goes right through a heavy harvest of hundreds of acres without choking, or missing sheaves, or having to be hauled in for repairs, is the kind of machine a farmer will select and buy if he can. Most farmers are so situated that they may obtain the experience of purchasers and users of the Buckeye. We also invite a careful personal examination. They will find that the Buckeye is by far the simplest, entirely dispensing with many parts which are not needed on it, but to which other binders devote pages of illustration and fine-spun argument. The Buckeye **don't have them** and **don't want them**. **The farmer don't want them**. Better for him if they remained in the scrap-pile, or in the bowels of the earth. Foreign buyers whose binders **must be able to do their own work**, owing to the little mechanical knowledge of the natives of their countries, prefer the Buckeye. We have customers who, after running the gauntlet of most of the American and English machines, now confine their purchases exclusively to the Buckeye. The best equipped American dealers prefer the Buckeye, for, as a matter of fact, the interests of dealer and purchaser **coincide in demanding the best**. This is especially true of binders whose working days are few and precious. **To have the Buckeye is to know that you have the best crop-saver that has been built by the hand of man.**

Guard Fingers

are very strong, as the advance-guard and first point of attack should be. Two bolts hold them solidly to the rigid angle-bar. These guards are

armed with a serrated ledger-plate of finest cutlery steel.

Fine adjustment and support of material assure a clean cut and easy draft. The shape of guard shows how the Buckeye platform is easily sledged over humpy places or soft ground. If the driver will see to the twine-box and oil-cups he can drive right on all day—the Buckeye will do the rest.



Our Outside Divider.



Our Divider

is graceful, light, strong. Just the thing to effect a perfect separation of the cut from the uncut grain. As the grain-end is carried on this wheel, and the other end on the drive-wheel, the weight of the machine is borne on these two wheels, same as on two wagon wheels, the rigid plat-

form taking the place of the wagon-axle. The outside and inside dividers, in conjunction with the reel, will handle any crop, placing the same on the platform in the very best shape for delivery to the elevator.



Simplest and Surest Mechanism That Ever Bound Grain!

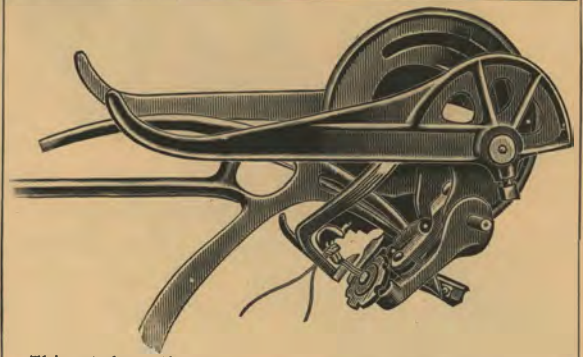
The Buckeye Knotter.

Our knotter possesses the combined advantages of simplicity in construction, small power required, and certainty and economy in operation. The cord-holder adapts itself readily to unevenness of string, parts can be quickly adjusted, movements are certain and twine is always surely held. For making a twine knot, the Buckeye mechanism is **the simplest, the surest and the most durable** that has been made by the hand of man. Scientific sheaf-making is a specialty of the Buckeye. There is no need of an eccentric wheel to provide sudden compression, for no such make-shift is required. Our bundle is packed little by little and compressed into a **round, solid sheaf while forming**. It is compressed by the compressor **without any strain on the string**. The splendid sheaf-making of the Buckeye



The plan of the simple Buckeye Knotter is shown by the above cut.

is therefore due to the conjoint and harmonious action of carefully adjusted packers, compressor and knotter. Our knotter is the most economical of twine, and **will make good work with any twine that is strong enough to hold the bundle together, whether thick, or thin, or both**. The Buckeye will not only cut your grain, shape it into nice, round sheaves, but will also put a twine band around them, **tying them every time with a knot that will stay**. You will need to



This cut shows the Knotter, its frame, the discharge arms and needle all ready for complete operation.

have no bother or uneasiness about this knotter. It is in operation only while the sheaf is being bound and is as durable as any other part of the machine. Our first Buckeye knotters, after fifteen years' use, are doing good tying to-day.

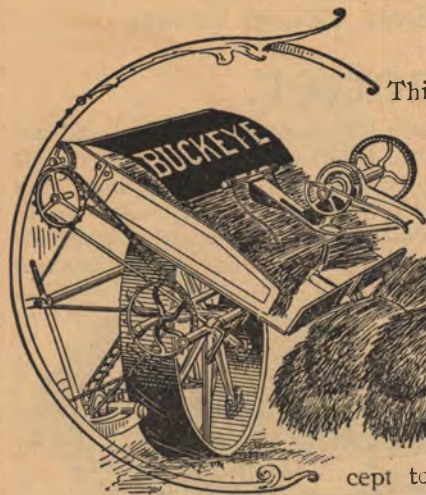
1896

APRIL

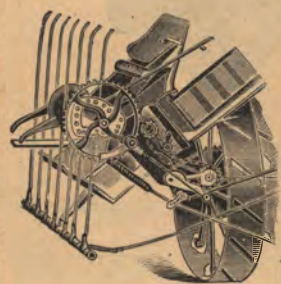
Moon's Last Q. 4, 6:24 pm. First Q. 20, 4:47 pm
Phases New 12, 10:23 pm. Full 27, 7:47 am

Day of Year.	Day of Month.	DAY.	HISTORICAL EVENTS.	Moon's Signs.	NORTHERN STATES.						SOUTHERN STATES.					
					SUN RISES		SUN SETS		MOON RISES		SUN R. SES		SUN SETS		MOON RISES	
					H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.
92	1	Wednesday	Bismarck born, 1815.....	♈	5	39	6	28	11	45	5	45	6	25	11	11
93	2	Thursday	Thomas Jefferson born, 1743.....	♈	5	38	6	29	morn	5	44	6	25	morn		
94	3	Friday	☾ Good Friday.....	♈	5	36	6	31	12	52	5	42	6	26	12	15
95	4	Saturday	☾ President Harrison died, 1841.....	♈	5	34	6	32	1	47	5	41	6	26	1	9
96	5	Sunday	Easter Sunday.....	♈	5	32	6	33	2	35	5	40	6	26	2	2
97	6	Monday	Battle of Shiloh, 1862.....	♈	5	30	6	34	3	3	5	38	6	27	2	36
98	7	Tuesday	Buckeye Works founded, 1832.....	♈	5	28	6	36	3	28	5	37	6	27	3	8
99	8	Wednesday	First Steamer across the Atlantic, 1838.....	♈	5	26	6	37	3	51	5	35	6	28	3	36
100	9	Thursday	Surrender of Lee, 1865.....	♈	5	24	6	38	4	8	5	34	6	28	4	0
101	10	Friday	Thomas Benton died, 1858.....	♈	5	22	6	39	4	26	5	33	6	29	4	23
102	11	Saturday	☾ Fort Sumter bombarded, 1861.....	♈	5	21	6	40	4	42	5	32	6	30	4	46
103	12	Sunday	☾ Buckeye International Award, 1894.....	♈	5	19	6	42	5	1	5	30	6	30	5	11
104	13	Monday	Paris bombarded, 1871.....	♈	5	18	6	43	sets	5	29	6	31	sets		
105	14	Tuesday	Lincoln assassinated, 1865.....	♈	5	16	6	44	8	30	5	28	6	32	8	5
106	15	Wednesday	Johnson inaugurated, 1865.....	♈	5	14	6	45	9	35	5	27	6	33	9	5
107	16	Thursday	French evacuated Mexico, 1867.....	♈	5	13	6	46	10	39	5	25	6	34	10	5
108	17	Friday	Death of Franklin, 1790.....	♈	5	11	6	48	11	38	5	24	6	35	11	2
109	18	Saturday	Roscoe Conkling died, 1888.....	♈	5	10	6	49	morn	5	22	6	36	11	55	
110	19	Sunday	☾ Battle of Lexington, 1775.....	♈	5	8	6	50	12	29	5	21	6	37	morn	
111	20	Monday	New Orleans captured, 1862.....	♈	5	6	6	51	1	12	5	20	6	38	12	41
112	21	Tuesday	Rome founded, 753 B.C.....	♈	5	5	6	52	1	48	5	19	6	39	1	24
113	22	Wednesday	Cortez in Mexico, 1519.....	♈	5	3	6	54	2	18	5	17	6	40	2	1
114	23	Thursday	Republic in Sandwich Islands, 1892.....	♈	5	2	6	55	2	42	5	16	6	41	2	32
115	24	Friday	Washington city burned, 1814.....	♈	5	0	6	56	3	7	5	15	6	42	3	4
116	25	Saturday	Electric street cars, 1887.....	♈	4	58	6	57	3	30	5	14	6	43	3	39
117	26	Sunday	☾ General Johnston surrendered, 1865.....	♈	4	57	6	58	3	53	5	13	6	44	4	5
118	27	Monday	☾ General Grant born, 1822.....	♈	4	55	7	0	rises	5	11	6	44	rises		
119	28	Tuesday	President Monroe born, 1758.....	♈	4	54	7	1	9	16	5	10	6	45	8	45
120	29	Wednesday	First Cylinder Thresher, 1786.....	♈	4	52	7	2	10	29	5	9	6	46	9	55
121	30	Thursday	Washington inaugurated, 1789.....	♈	4	51	7	3	11	35	5	8	6	47	10	58

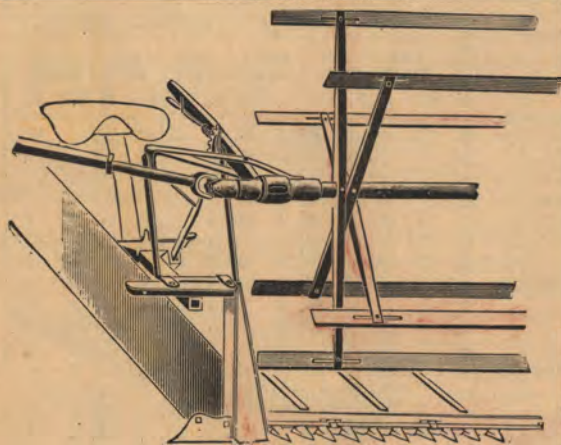
Buckeye Bundle-Carrier.



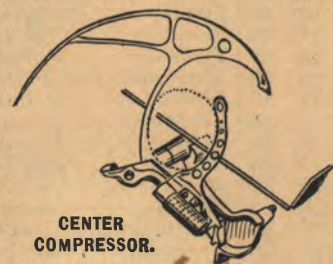
This carrier meets every possible requirement, and is strictly up to date in every particular. It carries a heavy load. It dumps the sheaves without shock. It is easily removed. It is easily handled. It folds entirely out of the way of obstructions. It is the perfection of convenience. It delivers its load in neat shape, all at once—there is no dragging of sheaves. The load of sheaves is dumped, and the carrier swung back into place by a slight pressure of the driver's foot. While the carrier is receiving its load no pressure is required. It is self-locked while gathering its load of sheaves and needs absolutely no attention except to dump. There is no getting off the seat to adjust anything. It is serviceable among stumps and trees, folding up also to pass fences and gates. The Buckeye Bundle-Carrier **will save its price every day or two in the busy harvest.** See its simple make-up, its lightness and its perfect and easy work. Compare it with any other carrier. It has proven its efficiency as a time-saver, and a crop-saver, and it is the only carrier that removes all the impediments to the neat, quick and complete rounding up of the work of harvest.



This Reel is another example of that simplicity which is the delight of the farmer. No sprockets. No chains. No posts. No springs. Only one lever. Easy to handle. A reel that reels and puts the grain on the right spot every time. No reel has a wider range of perfect work, and none is so easy to handle. In an instant it is placed high or low, forward or back, just where it will do the best work. The elevator canvases are very wide, and extend seven inches in front of the front line of the platform canvas. This obviates the need of "kickers," "relief rakes," and all that class of make-shifts. There is no clogging, in fact nothing but straight, easy work. **All Crops**, long and short, thick and thin, heavy and light, standing and tangled, must be handled by the same reel. **The Buckeye Reel is equal to Every Emergency.**



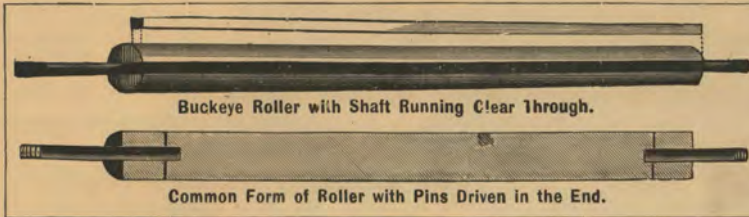
The Buckeye's Center-Compressor does away with the long shaft operated by an eccentric in the binder-gear wheel. It is operated by a trip and spring directly under the knotter. It saves a great deal of power, as its spring puts no strain on the mechanism except while the bundle is being bound. Quite a number of parts that are required on other compressors are rendered useless and are dispensed with, while the center-compressor, at the same time, does the best possible work in sheaf-making.



CENTER
COMPRESSOR.

Do You Want a Really Good Binder?

Are you willing to investigate? Are you willing to pay a fair price for such a machine? During many years Aultman, Miller & Co. have had the patronage of many of the largest farmers in the richest farming districts of the United States. The needs of these farmers are always pressing—they will and must have the best.



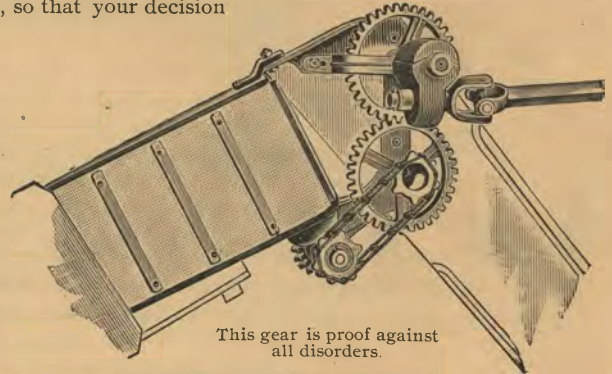
The superior, and naturally more costly, construction of the Buckeye is exemplified by these roller-cuts. Our rollers have iron-shaft centers from end to end. Other makers drive short gudgeon bearings into their roller-ends and let it go at that. Their purchasers have plenty of troubles that are unknown to owners of the Buckeye. This solid, honest make-up characterizes the Buckeye from end to end. Many of these valuable points are

not obvious to the eye, therefore we ask you to carefully examine, so that your decision may be founded and grounded on actual merit.

THE BUCKEYE FLAG, which is furnished with all machines, is often of great assistance to the operator. That depends on the condition of the crop. It can be left off, or moved forward or back and fixed in any desired place. It is moved by the foot without a moment's stop or bother.



Our **Revolving Butter**, with its extension, is a most valuable device, making far nicer bundles than the commonly used butter without any extension can do. Make sure to have a **Buckeye Revolving Butter**. Vibrating Butters have only one merit, and that is **cheapness**.



This gear is proof against all disorders.

1896

MAY

Moon's { Last Q. 4, 9:25 am. First Q. 20, 12:21 am
Phases { New 12, 1:47 pm. Full 26, 3:56 pm

Day of Year.	Day of Month.	DAY.	HISTORICAL EVENTS.	Moon's Signs.	NORTHERN STATES.						SOUTHERN STATES.					
					SUN RISES		SUN SETS		MOON RISES		SUN RISES		SUN SETS		MOON RISES	
					H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.
122	1	Friday	Chicago Exposition opens, 1893	♈	4	49	7	4	morn	5	7	6	48	11	51	
123	2	Saturday	Battle of Chancellorsville, 1863	♈	4	48	7	6	12	23	5	6	6	48	morn	
124	3	Sunday	Edison's Phonograph, 1877	♈	4	46	7	7	1	2	5	5	6	49	12	34
125	4	Monday	Republic declared in Brazil, 1887	♈	4	45	7	8	1	30	5	4	6	50	1	8
126	5	Tuesday	Napoleon I. died, 1829	♈	4	44	7	9	1	53	5	3	6	51	1	37
127	6	Wednesday	Chinese Exclusion Bill, 1892	♈	4	42	7	10	2	13	5	2	6	52	2	3
128	7	Thursday	Chief Justice Chase died, 1873	♈	4	41	7	12	2	31	5	1	6	52	2	27
129	8	Friday	Japanese Chinese treaty ratified, 1895	♈	4	39	7	13	2	49	5	0	6	53	2	51
130	9	Saturday	Stonewall Jackson died, 1863	♈	4	38	7	14	3	7	4	59	6	54	3	15
131	10	Sunday	Andrew Jackson born, 1763	♈	4	37	7	15	3	25	4	58	6	55	3	39
132	11	Monday	California gold discovered, 1848	♈	4	36	7	17	3	48	4	57	6	56	4	7
133	12	Tuesday	Battle of Spottsylvania, 1864	♈	4	34	7	18	4	16	4	56	6	56	4	41
134	13	Wednesday	Slavery abolished in Brazil, 1888	♈	4	33	7	20	sets		4	55	6	57	sets	
135	14	Thursday	Ascension Day	♈	4	32	7	21	9	31	4	54	6	58	8	56
136	15	Friday	Cuvier died, 1832	♈	4	31	7	22	10	27	4	53	6	59	9	52
137	16	Saturday	Paris Exposition opens, 1878	♈	4	30	7	23	11	12	4	53	6	59	10	40
138	17	Sunday	Battle of Resaca, 1864	♈	4	29	7	24	11	50	4	52	7	0	11	24
139	18	Monday	Great Western coal strike, 1894	♈	4	28	7	25	morn		4	52	7	0	morn	
140	19	Tuesday	Revolution began, 1775	♈	4	27	7	26	12	19	4	51	7	1	12	0
141	20	Wednesday	Lafayette died, 1834	♈	4	26	7	27	12	46	4	50	7	2	12	33
142	21	Thursday	Columbus died, 1506	♈	4	25	7	28	1	9	4	50	7	2	1	4
143	22	Friday	Ogle invented Vibrating Cutter, 1822	♈	4	25	7	29	1	32	4	49	7	3	1	33
144	23	Saturday	Japanese-Chinese war, 1894	♈	4	24	7	30	1	54	4	49	7	3	2	2
145	24	Sunday	Capt. Kidd executed, 1701	♈	4	23	7	31	2	17	4	48	7	4	2	33
146	25	Monday	Fenians invade Canada, 1870	♈	4	22	7	32	2	49	4	48	7	5	3	12
147	26	Tuesday	John Calvin died, 1564	♈	4	21	7	33	rises		4	47	7	6	rises	
148	27	Wednesday	Lewis Miller founds Chautauqua, 1873	♈	4	21	7	33	9	16	4	47	7	6	8	41
149	28	Thursday	Financial panic of 1893 begins	♈	4	20	7	34	10	13	4	46	7	7	9	39
150	29	Friday	Queen Victoria born, 1819	♈	4	19	7	35	10	56	4	46	7	8	10	26
151	30	Saturday	Battle of Fair Oaks, 1862	♈	4	18	7	36	11	30	4	46	7	9	11	5
152	31	Sunday	Johnstown flood, 1889	♈	4	18	7	37	11	55	4	45	7	10	11	37

Up-to-Date is a common phrase which precisely indicates the capabilities of the Buckeye binder. All the more important adjustments by which the machine is immediately adapted to varying crop conditions are effected by the driver **without stopping or leaving his seat**, and are so easily made that it is a pleasure rather than labor. Seated in an easy riding seat, and without dropping the lines, he can, by the single reel lever, **place the reel where he wants it**; he can **tilt the cutters** as close to the ground as he wishes; he **controls the gears perfectly**; he can set the knotter apparatus at the **right point for putting on the bands** for long or short straw easier than on any other binder; he puts the **butt-evener just where he wants it**; and he has perfect and easy **control of the bundle-carrier**.

The **Tension** of twine is not affected by shifting binder, nor by any changes in the size of bundles. The twine box holds two balls. The needle is very easily threaded, **easier** than on any other binder. The operation of our **adjustable cord-holder** is perfection itself. It has not occurred to us to make any special claims for it—it speaks for itself.

Don't fail to make a note of the **Line-Guide** shown at top of cut on page 8. Many an accident would have been prevented by this simple device.

Buckeye Truck.



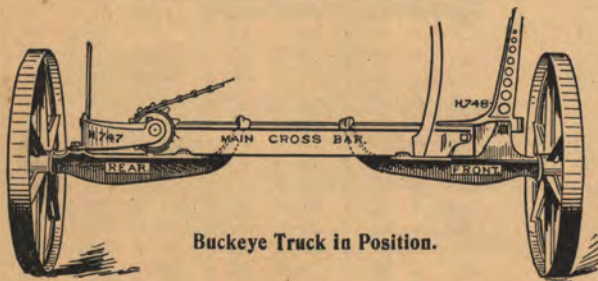
ONLY TWO SMALL PIECES, and two wheels needed for the transport of Buckeye Binders. This is the simplest possible arrangement and does away with the bothersome trucks. The two malleable castings are, each, about two feet long. One hooks over the main cross-bar at the front and one at the rear of the binder. Wheels are placed on the spindles,



tongue is bolted to outer end of platform, the binder is raised clear of the ground by the hand-crank, and is now ready for narrow gates and bars, and long-distance traveling.



This is the neatest, handiest and best truck yet produced. It has been thoroughly tested and can be had by application to any Buckeye agent.



Buckeye Truck in Position.

OUR ALMANAC.

Morning and Evening Stars for 1896.

Mercury will be evening star about January 23, May 15 and September 12, and morning star about March 5, July 3 and October 23.

Venus will be morning star until July 9 and evening star for the rest of the year.

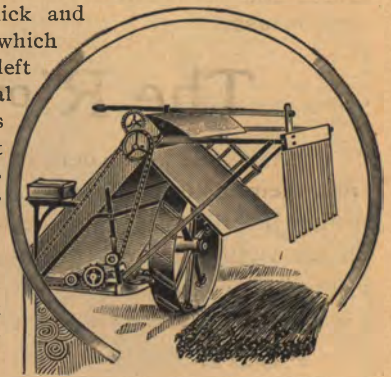
Mars will be evening star from July 1 to end of year.

Jupiter will be evening star until July 1 and morning star after October 1.

Buckeye Clover and Flax Dump.

This dump makes quick and perfect work in any crop which the farmer wishes to have left in loose piles. This special attachment often comes handy in buckwheat, wet oats and other crops. Clover can be saved **easier** and **faster** than in any other way.

Flax is handled with **gentle movements** that cause no loss of seed. The draft is very light.



Our Buckeye Header Attachment.



The Buckeye Header Attachment enables the farmer, who wishes to do so, to cut and save the heads of his grain, leaving the straw to stand for feeding or fertilizing purposes. Sometimes the farmer may wish to leave the straw standing in one field, and to cut and bind his other fields in the ordinary manner. It is an easy matter to take off the binder attachment and put on the header. The necessary castings and directions accompany each header sold. The outer end of the header is held at any height that may be desired, being raised and lowered by means of a rope which may be lengthened or shortened by the driver without leaving his seat. The grain-carrier is a canvas, same as is used on the binder, but longer, and runs very light. In short, the Buckeye Harvester, equipped with both our binder and header, leaves nothing better to be desired. It enables the farmer to secure his crops in such a manner as he prefers, whether the same are standing short or high, or down and tangled. This header is the most perfect alfalfa seed saver. It is up-to-date in every respect.

What every prudent farmer wants is a binder that can **vanquish all the difficulties** presented by Time, Crop and Condition of Ground.

Such a machine is the Buckeye Binder.

Everybody Likes the Frameless.



The Buckeye Frameless Binder is the latest, lightest, simplest, and is unquestionably the most reliable and durable Binder ever offered in the American market. In respect to simplicity of mechanism and perfection of work invention can go no farther. It yields the maximum of results with the minimum of effort.

The Right-Hand Buckeye Binder.

In response to the demands upon Aultman, Miller & Co. for such a machine, coming rather frequently from their agents in foreign countries where ox-teams are largely in use, but only now and then from points in the United States, they are now prepared to furnish the Buckeye with the cutters and platform placed on the right-hand side of the machine. No special description of this binder is required. It is the Buckeye Frameless with a right-hand instead of a left-hand cut.

1896

JUNE

Moon's Last Q. 3, 2:02 am. First Q. 18, 5:11 am
Phases { New 11, 2:43 am. Full 25, 12:55 am

Day of Year.	Day of Month.	DAY.	HISTORICAL EVENTS.	Moon's Signs.	NORTHERN STATES.						SOUTHERN STATES.					
					SUN RISES		SUN SETS		MOON RISES		SUN RISES		SUN SETS		MOON RISES	
					H.	M. H.	M.	H.	M.		H.	M. H.	M.	H.	M.	
153	1	Monday	Kentucky admitted, 1792.		4	17	7	38	morn		4	45	7	10	morn	
154	2	Tuesday	Garibaldi died, 1882.		4	17	7	39	12 16		4	44	7	11	12 4	
155	3	Wednesday	Franklin's kite experiment, 1752.		4	16	7	40	12 35		4	44	7	12	12 29	
156	4	Thursday	Corpus Christi.		4	16	7	41	12 54		4	44	7	13	12 54	
157	5	Friday	Gen. R. E. Lee died, 1870.		4	16	7	41	1 12		4	44	7	13	1 17	
158	6	Saturday	Alexander born, 356 B. C.		4	15	7	42	1 29		4	43	7	14	1 41	
159	7	Sunday	Washington commissioned, 1775.		4	15	7	42	1 51		4	43	7	14	2 8	
160	8	Monday	Andrew Jackson died, 1845.		4	15	7	43	2 17		4	43	7	15	2 40	
161	9	Tuesday	Dickens died, 1870.		4	15	7	43	2 48		4	43	7	15	3 16	
162	10	Wednesday	Battle of Cold Harbor, 1864.		4	15	7	44	3 27		4	43	7	16	4 00	
163	11	Thursday	Jeannette destroyed, 1882.		4	15	7	44	sets		4	43	7	16	sets	
164	12	Friday	Paris Bartholomew massacre, 1418.		4	15	7	45	9 9		4	43	7	17	8 37	
165	13	Saturday	Dred Scott decision, 1857.		4	15	7	45	9 50		4	43	7	17	9 22	
166	14	Sunday	American flag adopted, 1777.		4	15	7	45	10 27		4	43	7	17	10 4	
167	15	Monday	Emperor Frederick died, 1888.		4	15	7	46	10 50		4	43	7	18	10 36	
168	16	Tuesday	Battle of Bennington, 1777.		4	15	7	46	11 13		4	43	7	18	11 5	
169	17	Wednesday	Battle of Bunker Hill, 1775.		4	15	7	47	11 35		4	43	7	19	11 35	
170	18	Thursday	Battle of Waterloo, 1815.		4	15	7	47	11 58		4	43	7	19	morn	
171	19	Friday	Kearsarge sinks the Alabama, 1864.		4	15	7	47	morn		4	43	7	19	12 4	
172	20	Saturday	First day of Summer.		4	15	7	47	12 20		4	43	7	19	12 35	
173	21	Sunday	Victoria crowned Queen, 1838.		4	16	7	48	12 48		4	44	7	20	1 9	
174	22	Monday	Madison died, 1836.		4	16	7	48	1 21		4	44	7	20	1 49	
175	23	Tuesday	General Grant died, 1883.		4	16	7	48	2 2		4	44	7	20	2 35	
176	24	Wednesday	Oil first found in Penn'a, 1860.		4	16	7	48	rises		4	44	7	20	rises	
177	25	Thursday	Debs' Chicago R. R. strike, 1894.		4	17	7	48	8 50		4	45	7	20	8 18	
178	26	Friday	Pizarro died, 1541.		4	17	7	48	9 28		4	45	7	20	9 00	
179	27	Saturday	Battle of Chickahominy, 1862.		4	18	7	48	9 56		4	46	7	20	9 35	
180	28	Sunday	Battle of Monmouth, 1778.		4	18	7	48	10 20		4	46	7	20	10 5	
181	29	Monday	St. Peter crucified, 65.		4	18	7	48	10 39		4	46	7	20	10 31	
182	30	Tuesday	Guiteau hanged, 1882.		4	19	7	48	10 57		4	47	7	20	10 55	

The joys of June are doubled to the farmer who saves his hay crop with the Buckeye Mower.



SAVING THE JEWELS OF THE FARM.

Buckeye Twine.

The house of Aultman, Miller & Co. was organized for the manufacture of harvesting machines. Binder twine is an indispensable adjunct of their output so far as binder trade is concerned. For a number of years the twine supply of their patrons was obtained from the various cordage companies already in existence. The latter saw fit to form combinations which enabled them to load up the twine trade with objections in the way of poor quality and high prices which were most obnoxious to our patrons and hurtful to our general trade. Six years ago Aultman, Miller & Co. were able to set in motion **their own twine mills** which have since constituted a very valuable addition to their plant. This enterprise has proved to be most satisfactory. It has freed our trade from the impositions of hostile interests and monopolies. We buy fresh twine stock from the importers of raw material, and make all popular grades of twine, viz.: Pure Manilla, Pure Sisal and Buckeye Mixed Twines. The experience of our patrons has thoroughly established the fact that by using Buckeye Twine **the farmer is assured of immunity from the vexations** to which he is constantly liable from the use of inferior grades. While it is true that the Buckeye Knotter can utilize all grades of twine in binding, we need hardly say that the better the twine the more regular and perfect is the work of the machine. **We guarantee our product**, and invite correspondence from all who desire first-class twine in large or small lots. Farmers know that **Buckeye Twine is always as represented**, and we are assured of a large demand for 1896. We can furnish twine in large or small lots, of any grade made by us, guaranteeing that it will give entire satisfaction. Persons in want of good twine can save money by buying of us. Since we have commenced to supply our patrons with Buckeye Twine, made in our own factory at Akron, **there is no more complaint about twine trouble.**

Characteristics of Buckeye Twine : **Length and strength. Free from bunches and faults. No mildew or insects. Ample tensile strength. Uniformity in size and strength. Careful balling and baling. Low price for good quality. Perfect binding qualities.** Get Buckeye Pure Manilla, Sisal, or Mixed, **all guaranteed**, and you will reap the reward of wisdom. **If you have a Buckeye**

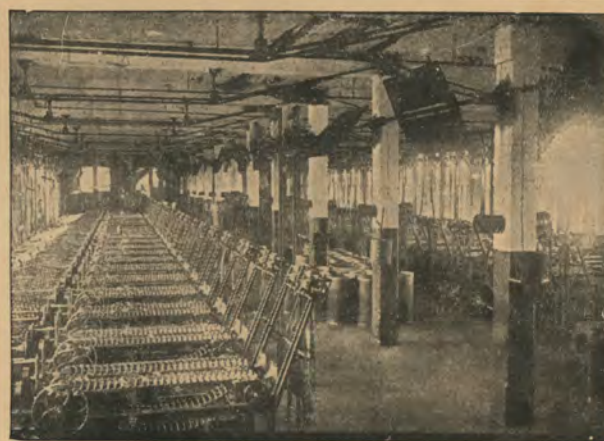
Binder, put the cap sheaf on

your good fortune by securing **Buckeye Twine**. Get Genuine Buckeye Twine anyway, and avoid the cheap-made, high-priced monopoly stuff. Our twine mills are supplied with the very best and latest spinning, baling and balling machinery. Keeping in view the history and design of our twine enterprise it may justly be inferred that farmers will always be able to purchase Buckeye Twine lower than any other new, first-class, standard article.

The fibers we have imported for the manufacture of this year's twine are of very superior quality. Buckeye twine sold by us will be new—we had no old stock.



BUCKEYE TWINE MILLS—Exterior.



BUCKEYE TWINE MILLS—Interior.





has to be constantly feared, or so that large bundles cannot be bound and handled with impunity.



We Obtain Our Fibers

from First Hands

and We Guarantee

Our Product.



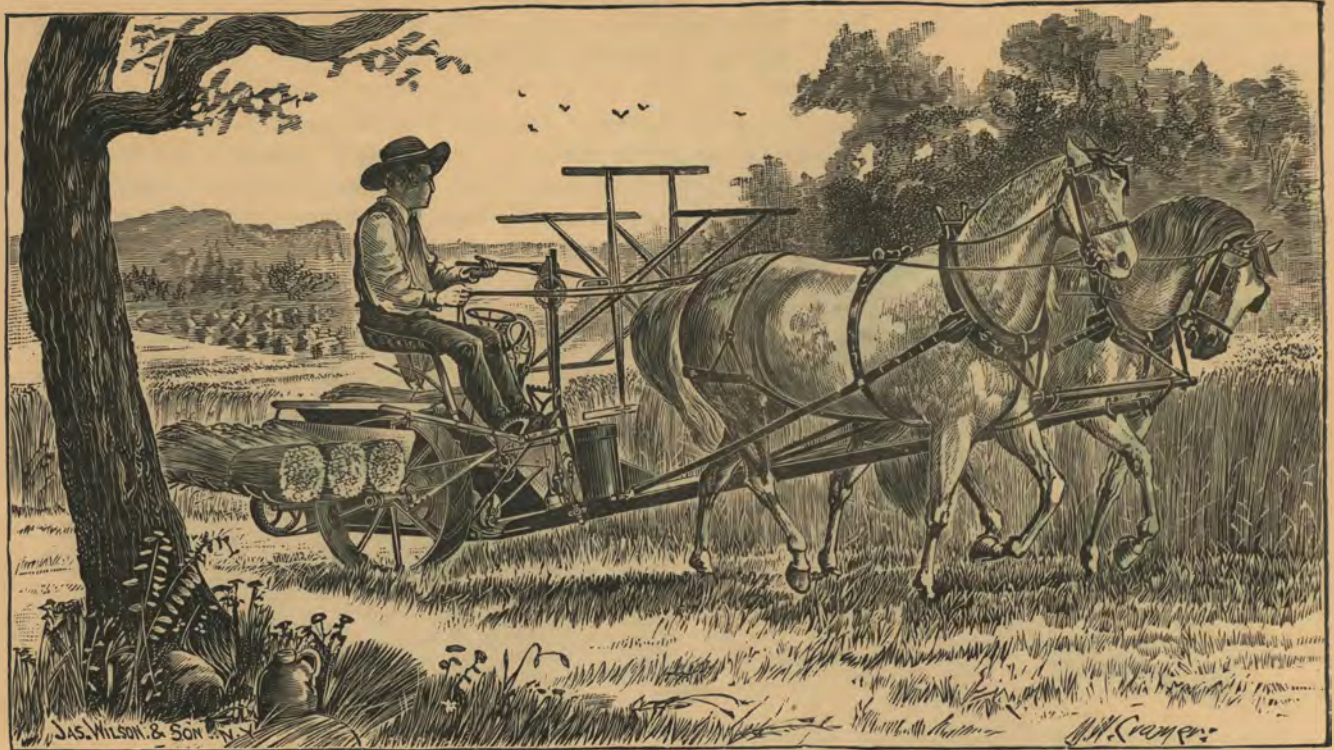
Our Twine, like our Binders, must be the Best; we cannot afford to have it otherwise.

1896

JULY

Last Q. 2, 7:23 pm. First Q. 17, 10:04 am
New 10, 1:35 pm. Full 24, 11:45 am

Day of Year.	Day of Month.	DAY.	HISTORICAL EVENTS.	Moon's Signs.	NORTHERN STATES.			SOUTHERN STATES.		
					SUN RISES		SUN SETS		MOON RISES	
					H.	M.	H.	M.	H.	M.
183	1	Wednesday	☾ Buckeye Mower patented, 1856.....	☾	4	19	7	48	11	14
184	2	Thursday	☾ Garfield shot, 1881.....	☾	4	20	7	48	11	33
185	3	Friday	Battle of Gettysburg, 1863.....	☾	4	20	7	48	11	52
186	4	Saturday	Independence Day, 1776.....	☾	4	21	7	48	morn	4
187	5	Sunday	Battle of Chippewa, 1814.....	☾	4	21	7	48	12	17
188	6	Monday	Debs' Riot and U. S. troops in Chicago, '94	☾	4	22	7	47	12	45
189	7	Tuesday	Commodore Perry died, 1855.....	☾	4	22	7	47	1	21
190	8	Wednesday	Pike's Peak discovered, 1806.....	☾	4	23	7	47	2	6
191	9	Thursday	☾ Braddock defeated, 1755.....	☾	4	24	7	46	3	4
192	10	Friday	☾ Columbus born, 1447.....	☾	4	25	7	46	sets	4
193	11	Saturday	Battle of Rich Mountain, 1861.....	☾	4	26	7	45	8	22
194	12	Sunday	Battle of the Boyne, 1690.....	☾	4	27	7	45	8	52
195	13	Monday	Syracuse trial and Buckeye victory, 1857..	☾	4	28	7	44	9	18
196	14	Tuesday	Bastille taken, 1789.....	☾	4	29	7	43	9	41
197	15	Wednesday	Edison's electric light, 1878.....	☾	4	30	7	42	10	3
198	16	Thursday	☾ Mrs. Lincoln died, 1882.....	☾	4	30	7	42	10	25
199	17	Friday	☾ Siege of Atlanta, 1864.....	☾	4	31	7	41	10	50
200	18	Saturday	Microbe of diphtheria discovered, 1884....	☾	4	32	7	40	11	20
201	19	Sunday	French invaded Germany, 1870.....	☾	4	33	7	39	11	59
202	20	Monday	Fuller Chief Justice, 1888.....	☾	4	34	7	38	morn	4
203	21	Tuesday	Battle of Bull Run, 1861.....	☾	4	35	7	37	12	47
204	22	Wednesday	Atlantic cable laid, 1865.....	☾	4	36	7	36	1	46
205	23	Thursday	☾ Emmet's insurrection, 1803.....	☾	4	37	7	35	2	55
206	24	Friday	☾ Lewis Miller born, 1829.....	☾	4	38	7	34	rises	5
207	25	Saturday	Bicycle invented, 1861.....	☾	4	39	7	33	8	21
208	26	Sunday	Robert Fulton born, 1765.....	☾	4	40	7	32	8	43
209	27	Monday	Atlantic cable completed, 1866.....	☾	4	41	7	31	9	15
210	28	Tuesday	Robespierre guillotined, 1794.....	☾	4	42	7	30	9	18
211	29	Wednesday	Typhoid bacillus discovered, 1881.....	☾	4	43	7	29	9	38
212	30	Thursday	Andrew Johnson died, 1875.....	☾	4	44	7	28	9	56
213	31	Friday	Loyola died, 1556.....	☾	4	46	7	26	10	17



THE binder preferences of farmers in the older and more eastern States differ somewhat from those of the bonanza farmers. Their average acreage is smaller. Their crop variety is greater. Hilly land is abundant. Their roads, lanes, bridges, bars and gates had assumed shape before binders came into use. The large storage room required for the elevator binder did not enter into their building calculations.

To meet the peculiar needs of this, the largest class of grain growers, the Buckeye Banner Binder was placed on the market ten years ago. The platform and the binding mechanism is about the same as that used on the Frameless. In other respects there are radical differences. The bundles are made and tied on the platform side of the main wheel. This does away with most of the elevation, or height of the machine. The little elevation required is accomplished by a special device which needs no repairing or renewing. This dispenses with the thirty feet of elevator canvases used on all elevator machines, and which entail more and heavier repair bills than any other part of said binders.

The great advantages afforded by the Buckeye Banner Binder to those having hilly land, or not very large farms, and its marked superiority in the way of economy and handling, have made it a favorite from the start. In many of the garden spots of the country it has almost an exclusive trade, and this most desirable trade it will certainly and easily maintain during the period of its protecting patents.

At the rear of the Banner there is no limit, and no impediment in the way of the moving grain. Aultman, Miller & Co. have furnished binders with open rear ends every year since 1883. This principle has its best exemplification in the Banner. There is practically no limit to length of grain that may be properly handled. Of course the wind canvas can be used if needed, it being the work of a moment to remove or replace it.

In those localities where rye, sowed corn and sorghum are raised there has, during the past year, existed a real Banner famine. Agents either did not or could not anticipate the sudden and heavy demand. A large number of sales were made to farmers who saw the machine at work, for delivery the coming year. The example of our agents who took this precaution against future disappointment is to be commended, and we hope others will profit by it. The open-end Banner handles about all the sorghum grown in the country that is machine-cut, and it has really no competitor in that field.

THE ONLY SUCCESSFUL BINDER

In the sorghum and sowed-corn fields of Kansas and Texas thus far has been the Banner. Here are a few notes from Texas farmers:

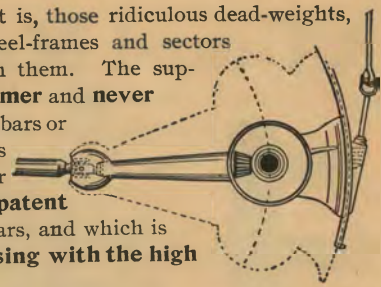
"We have completed cutting over 150 acres of sorghum with it (the Banner). We made good speed and excellent work."—RIDGWAY BROS., Miles, Texas.

"The Buckeye Banner handled the sorghum to my entire satisfaction."—HENRY PRUITT, Reck, Texas.

"Have cut 80 acres of heavy sorghum and machine (Banner) is running right along O. K."—E. O. WEINNETT, Abilene, Tex.

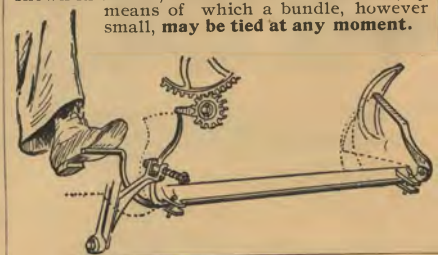
"Our sorghum Banner customers have generally finished cutting. Ours is the only sorghum cutter worthy the name and will have all that business if you will furnish the machines."—DODSON, TAYLOR & Co., Albany, Texas.

All Buckeye Machines are Frameless, that is, those ridiculous dead-weights, wheel-frames and sectors are entirely discarded, and have been for years. No up-to-date binder is disfigured with them. The supporting part of the Banner, one strong piece, is here shown. This foundation is **firmer and never liable to twist or disarrangement**, which cannot be said of any framework built up of bars or tubes. The black spot in center of circle represents the spindle, and the dotted lines show the range of vertical motion in raising and lowering the machine. The driver moves the machine up or down **without leaving his seat**. The large wheel is the **patent self-tightening indestructible Buckeye wheel** which we have furnished for some years, and which is in all respects unequaled. The most notable simplification on the Banner is the **dispensing with the high elevating parts, including the long and costly canvases.**



As a Sheaf Maker the Banner Binder is unsurpassed. The flow of the grain-stream into the compressor-arms is free and unimpeded until the pressure of the straw upon the deck-trip indicates a completed sheaf. At that moment **the cut-off**, shown by the dark shading in the upper cut, **rises up**, as shown in the lower cut, and **arrests the flow of grain** until the sheaf has been bound and delivered, when it falls back to its place below the deck until another sheaf has been gathered. There is no pressure against the needle. The compressing and tying parts are cut off and left free to do their work, and do it right. In furnishing this light and simple machine Aultman, Miller & Co. do not "send a boy to do a man's work." The Banner is a stalwart, capable of handling any job that can be done by any binder. More than that, **it will do good work on side hills.**

A **deck-trip**, having its own sensitive spring, **sizes the sheaf**. There is also a foot-trip, as shown in the cut, within reach of the driver, by means of which a bundle, however small, **may be tied at any moment.**



1896

AUGUST

Last Q. 1, 12:34 pm. First Q. 15, 3:02 pm
New 8, 11:02 pm. Full 23, 1:04 am
Last Q. 31, 4:55 am

Day of Year.	Day of Month.	DAY.	HISTORICAL EVENTS.	Moon's Signs.	NORTHERN STATES.			SOUTHERN STATES.		
					SUN RISES	SUN SETS	MOON RISES	SUN RISES	SUN SETS	MOON RISES
					H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
214	1	Saturday	English Victorian Buckeye Medal, 1881	☾	4 47	7 25	10 45	5 8	7 4	11 9
215	2	Sunday	Napoleon Consul, 1802	☾	4 48	7 24	11 16	5 9	7 3	11 46
216	3	Monday	South America discovered, 1498	☾	4 49	7 23	11 56	5 10	7 2	morn
217	4	Tuesday	Battle of Mackinac, 1814	☾	4 50	7 21	morn	5 11	7 1	12 30
218	5	Wednesday	General Sheridan died, 1888	☾	4 52	7 20	12 49	5 11	7 0	1 24
219	6	Thursday	Samuel J. Tilden died, 1886	☾	4 53	7 18	1 50	5 12	6 59	2 24
220	7	Friday	Battle of Thermopylae, 480 B. C.	☾	4 54	7 17	3 0	5 13	6 58	3 30
221	8	Saturday	Battle of Wilson's Creek, 1861	☾	4 55	7 16	4 16	5 14	6 57	4 39
222	9	Sunday	Battle of Cedar Mountain, 1863	☾	4 56	7 14	sets	5 15	6 56	sets
223	10	Monday	Tuilleries stormed, 1792	☾	4 58	7 13	7 43	5 15	6 55	7 38
224	11	Tuesday	Samoa hurricane, 1890	☾	4 59	7 11	8 6	5 16	6 54	8 8
225	12	Wednesday	King Philip shot, 1676	☾	5 0	7 10	8 29	5 17	6 53	8 38
226	13	Thursday	Strasburg bombarded, 1870	☾	5 1	7 8	8 54	5 18	6 52	9 10
227	14	Friday	First printed book, 1462	☾	5 2	7 7	9 24	5 19	6 51	9 48
228	15	Saturday	Battle of Winchester, 1864	☾	5 4	7 5	9 58	5 19	6 49	10 39
229	16	Sunday	Battle of Bennington, 1777	☾	5 5	7 4	10 45	5 20	6 48	11 19
230	17	Monday	Sumter bombarded, 1863	☾	5 6	7 2	11 39	5 21	6 47	morn
231	18	Tuesday	First steamboat, 1807	☾	5 7	7 0	morn	5 22	6 46	12 15
232	19	Wednesday	Augustus Cæsar died, 14	☾	5 8	6 59	12 43	5 23	6 45	1 16
233	20	Thursday	Watt invents steam engine, 1781	☾	5 10	6 57	1 53	5 23	6 43	2 22
234	21	Friday	Matches invented, 1829	☾	5 11	6 56	3 4	5 24	6 42	3 27
235	22	Saturday	Koch dis. bacillus of cholera, 1884	☾	5 12	6 54	rises	5 25	6 41	rises
236	23	Sunday	Union Pacific Railroad, 1868	☾	5 13	6 52	7 6	5 26	6 40	6 59
237	24	Monday	British slavery abolished, 1833	☾	5 14	6 50	7 25	5 27	6 38	7 24
238	25	Tuesday	Herschel died, 1822	☾	5 15	6 49	7 43	5 27	6 37	7 47
239	26	Wednesday	Louis Phillippe died, 1850	☾	5 16	6 47	8 1	5 28	6 35	8 12
240	27	Thursday	Great financial panic begins, 1857	☾	5 17	6 45	8 22	5 29	6 34	8 38
241	28	Friday	First locomotive in U. S., 1830	☾	5 18	6 43	8 46	5 30	6 33	9 8
242	29	Saturday	Great Anarchist Chicago trial, 1886	☾	5 19	6 41	9 14	5 31	6 31	9 42
243	30	Sunday	Cleopatra died, 36 B. C.	☾	5 21	6 40	9 51	5 31	6 30	10 23
244	31	Monday	Hawaian Revolution, 1892	☾	5 22	6 38	10 36	5 32	6 28	11 11

A Grand Machine

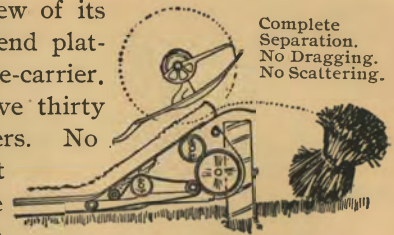
which has worthily fulfilled its most praiseworthy mission, viz.: that of providing the farmer with a light two-horse binder that will handle any crop to his entire satisfaction. Here are a few of its characterizing features: It is light, low and simple. Open-end platform. Handles any length of grain. Has first-class bundle-carrier. Only ten feet of canvas. (Other binders have thirty feet or more.) Dispenses with four rollers. No wrapping of straw around rollers. Draft lessened at least one-third. Only one reel lever needed. Puts band in the middle. Makes square butts. Ties tightly. No waste. Deck-trip sizes sheaves automatically. Foot-trip to size sheaves at will. No shelling. No neck-weight. No side draft. Superior to all for hills. Cannot be upset. The Banner is light, handy and does perfect work. It is low and narrow enough, to pass gates, and has the general appearance of a reaper rather than that of a binder. It is very easy to handle, and is stored for winter in a comparatively small place. A striking advantage of the Banner for hilly regions is its lowness and lightness. In such territory it will eventually displace all the high binders.



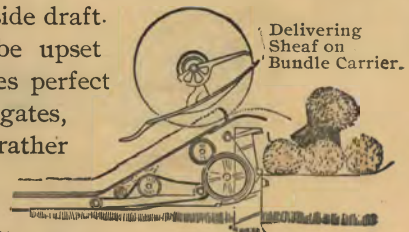
For Oats, Buckwheat and Alfalfa get the Banner.

In respect to durability and reliable binding it is without a superior. We guarantee the Banner just as squarely and confidently as we do our mower. Without leaving his seat the driver moves the reel up or down, forward or back; throws the machine in and out of gear; ties bundles of any size at any moment; tilts the cutters up or down to take up worst lodged grain; discharges or folds the bundle-carrier at will; raises or lowers the entire machine. Nothing to bother heads—separation complete. Reel has one lever and can be placed three and one half feet ahead of the guards, and within one inch of the ground. It can be truly said that no machine has a grander promise of usefulness than the Banner, and it sells itself at sight, because it is exactly what thousands of farmers are resolved to have.

The Banner is a grand machine for farms of average size. **Light, low, simple. The lightest and handiest binder. Open-end platform. Will handle any length of grain. Passes through gates. Has no elevating canvases. First-class bundle-carrier.** It will harvest the farmer's crop with the least expenditure of effort to himself and team, and do it in faultless style. It can cut the lowest stubble; it will shave the ground clean; it binds all crops neatly and tightly; it makes the neatest sheaf; it has brass-lined boxes all around; it is a perfectly balanced binder; its knotter is a perfect device. **Lightest in weight, finest finish, easiest to handle.** The Banner is furnished in two sizes, viz.: 5 feet 3 inches, and 6 feet cut. The wind canvas for short grain, etc., is furnished with all Banner Binders.

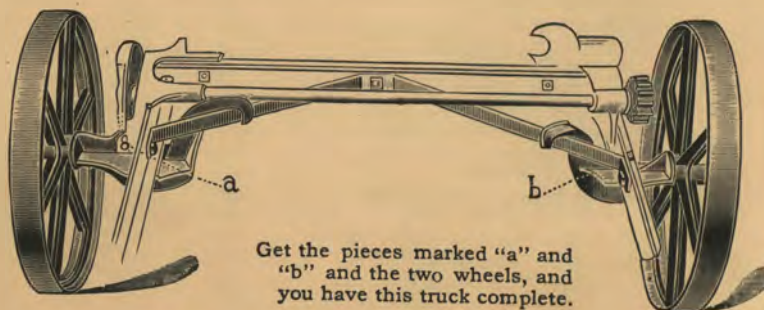


Complete Separation. No Dragging. No Scattering.



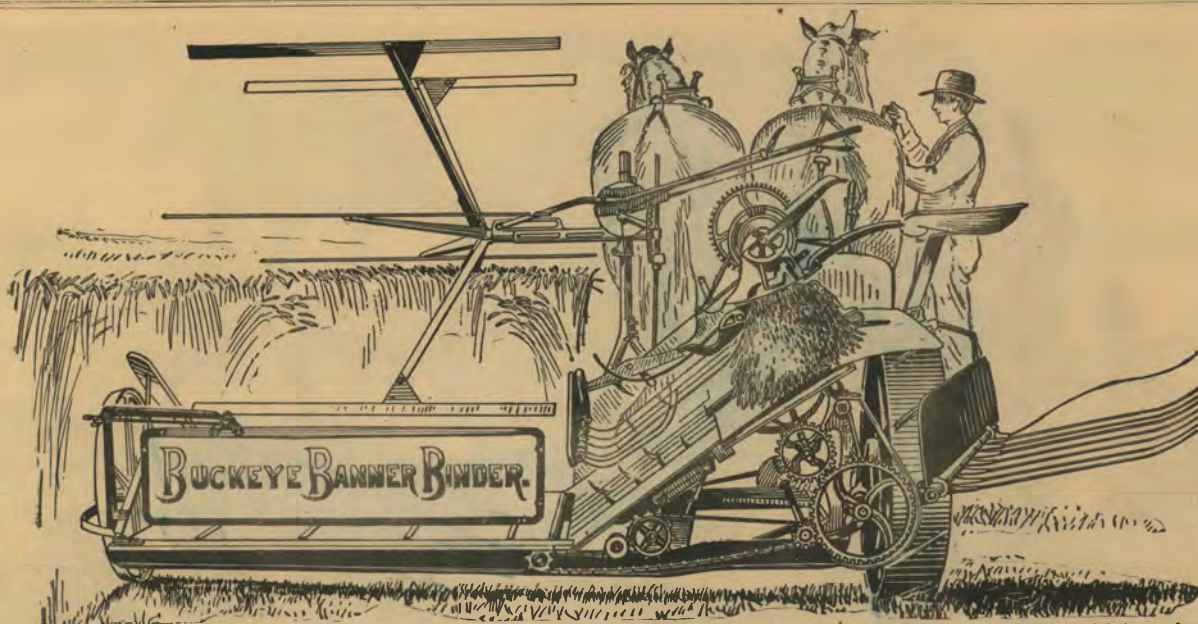
Delivering Sheaf on Bundle Carrier.

... THE ...
BANNER TRUCK
Consists of
Two Small Pieces
And
Two Wheels.



Get the pieces marked "a" and "b" and the two wheels, and you have this truck complete.

Cheap in Price,
Perfectly Reliable,
And
Just the Thing for
Moving Considerable
Distances.



The reader is cautioned against confounding the Banner with those so-called low or platform binders which make flat bundles, involving waste of twine; which throw the sheaf upon the grain-heads; which cannot separate, and which have no bundle-carriers. The Banner will **last as long**, do as **good cutting and tying**, **save as much twine**, and **do as good work** in common grain as the most capacious canvas elevator binder, but will not do so much of it. In handling tall rye, sowed corn and other tall crops, and on hill sides, **its work is superior** to that of any canvas elevator ever made. It dispenses with a large amount of canvas, sticks, straps, buckles, rollers, chains and other parts that are always wearing out and making trouble. To the farmer with an average acreage to cut, we can give the confident assurance that the Banner will please and suit you exactly.

1896

SEPTEMBER

Moon's { New 7, 7:43 am. Full 21, 4:49 pm
Phases { First Q. 13, 10:10 pm. Last Q. 29, 7:58 pm

Day of Year.	Day of Month.	DAY.	HISTORICAL EVENTS.	Moon's Signs.	NORTHERN STATES.						SOUTHERN STATES.					
					SUN RISES		SUN SETS		MOON RISES		SUN RISES		SUN SETS		MOON RISES	
					H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.
245	1	Tuesday	Pitt invents first Reaper, 1787	♈	5	23	6	36	11	32	5	33	6	27	morn	
246	2	Wednesday	Battle of Sedan, 1870; Black Friday, 1873	♈	5	24	6	34	morn		5	34	6	26	12	7
247	3	Thursday	Thiers died, 1877	♈	5	25	6	32	12	37	5	34	6	24	1	9
248	4	Friday	French Republic proclaimed, 1870	♈	5	27	6	31	1	50	5	35	6	23	2	16
249	5	Saturday	Rebel General Morgan killed, 1864	♈	5	28	6	29	3	6	5	35	6	21	3	26
250	6	Sunday	Whittier died, 1892	♈	5	29	6	27	4	25	5	36	6	20	4	37
251	7	Monday	Mormons limited to one wife, 1890	♈	5	30	6	25	sets		5	37	6	19	sets	
252	8	Tuesday	Sebastopol taken, 1855	♈	5	31	6	23	6	32	5	37	6	17	6	38
253	9	Wednesday	California admitted, 1850	♈	5	33	6	21	6	55	5	38	6	16	7	10
254	10	Thursday	Perry's victory, 1813	♈	5	34	6	19	7	24	5	38	6	14	7	46
255	11	Friday	America discovered, 1492	♈	5	35	6	17	7	58	5	39	6	13	8	27
256	12	Saturday	Morse invents telegraph, 1832	♈	5	36	6	16	8	41	5	40	6	12	9	14
257	13	Sunday	U. S. Constitution ratified, 1788	♈	5	37	6	14	9	35	5	41	6	11	10	10
258	14	Monday	Defender's Victory over Valkyrie, 1895	♈	5	38	6	13	10	36	5	41	6	9	11	10
259	15	Tuesday	General Scott takes Mexico, 1846	♈	5	39	6	11	11	45	5	42	6	8	morn	
260	16	Wednesday	Moscow burned, 1812	♈	5	40	6	10	morn		5	43	6	7	12	16
261	17	Thursday	Battle of Antietam, 1862	♈	5	41	6	8	12	56	5	44	6	6	1	21
262	18	Friday	Battle of Chickamauga, 1863	♈	5	42	6	6	2	3	5	44	6	4	2	22
263	19	Saturday	Garfield died, 1881	♈	5	43	6	4	3	11	5	45	6	2	3	24
264	20	Sunday	Atlanta Exposition opened, 1895	♈	5	44	6	2	4	15	5	46	6	0	4	21
265	21	Monday	Sir Walter Scott died, 1832	♈	5	45	6	0	rises		5	47	5	59	rises	
266	22	Tuesday	Autumn begins	♈	5	46	5	58	6	7	5	48	5	58	6	16
267	23	Wednesday	Major Andre arrested, 1780	♈	5	48	5	56	6	25	5	48	5	56	6	40
268	24	Thursday	General Taylor born, 1784	♈	5	50	5	54	6	49	5	49	5	55	7	9
269	25	Friday	First American newspaper, 1690	♈	5	50	5	53	7	16	5	49	5	54	7	42
270	26	Saturday	McKinley tariff bill, 1890	♈	5	50	5	52	7	49	5	49	5	53	8	20
271	27	Sunday	Aultman, Miller & Co. incorporated, 1865	♈	5	52	5	49	8	31	5	50	5	51	9	5
272	28	Monday	Brazil abolished slavery, 1871	♈	5	54	5	46	9	22	5	51	5	49	9	57
273	29	Tuesday	First R. R. in the world, 1825	♈	5	55	5	45	10	22	5	52	5	48	10	55
274	30	Wednesday	First Am. Cardinal appointed, 1875	♈	5	56	5	43	11	29	5	52	5	47	11	58

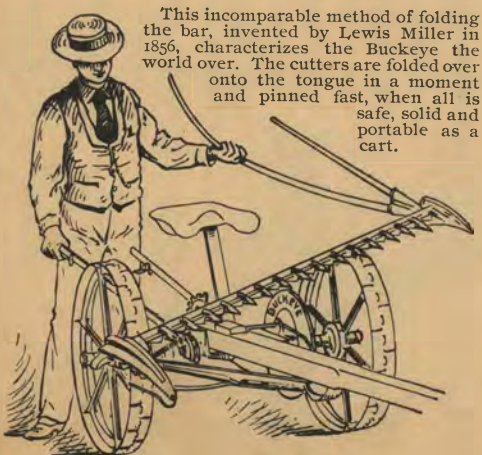


There is a song that will inspire
Both man and boy and aged sire
With melody of tune.

This song requires a boy and team,
A graceful Buckeye for its theme
And a field of grass in June.

Then as around the field they pass
Its lay will be the falling grass—
The gear will gently ring;
And as it speeds each pitman-beat
Will mark the chorus low and sweet
And loud the boy will sing:

"Oh, thou friend of every farmer,
Glad I am to sing thy praise
You are always true and faithful,
And unnumbered be thy days."



Folding the Buckeye Bar.

This incomparable method of folding the bar, invented by Lewis Miller in 1856, characterizes the Buckeye the world over. The cutters are folded over onto the tongue in a moment and pinned fast, when all is safe, solid and portable as a cart.

A Scientific Hay-Maker.

No field of mechanical effort has more frequently exemplified the well-worn truth that alleged improvements do not always improve than that of mower-building. Years ago the exhibition of some variation from the Buckeye type, bolstered up by extravagant puffing, had a certain fascination for farmers which has now well nigh disappeared. At serious cost to themselves they were convinced that change does not always mean progress. They learned in fact that every variation from the Buckeye system entailed, in the end, absolute losses either in draft, or working capacity, and always in respect to durability.

Having been engaged in the manufacture of harvesting machines during nearly two generations, long enough to have witnessed the establishment of many competing houses—and the failure and extinction of very many more—we naturally take pride and pleasure in referring to the record made by Aultman, Miller & Co. in the history of this industry. Lewis Miller made the first Buckeye Mower in 1856. For a number of years previous to that date the house had made reapers, but with the invention of the Buckeye was inaugurated that career of success which furnishes to our patrons a more valid guarantee of highest mechanical quality, and of the real value of our machines, than any number of printed pages could do. The indispensable conditions underlying such a career must ever be: Machines that are safe and easy to handle, and which the farmer knows beforehand will be the **very best and most reliable after he has entered upon his grass and grain harvesting.**

The Buckeye has been crowned with the highest competitive prizes at every exhibition or field trial in which it was a contestant. It is sold more largely than any other mower. The experienced farmer knows it to be the cheapest mower he can buy, because **it does better work for a greater length of time, and does it at much less expense of power and repairs** than any mower that has yet seen the light.

Telling Points

OF SUPERIORITY

Which Place the
Buckeye Mower on Top.

Long Shafting, obviating Jar and Wear.
Slow Bevel Gear and Fast Moving Spur
Gears.

Simplest of all Gears.
Only Four Cog Wheels.

All Gears and Bearings protected from
dirt.

Solid, Double-Hook Pitman, and per-
fect Adjustable Pitman Box

Hold Knife down upon Cutters, mak-
ing perfect Shear Cut.

No Toggle-Joint on the Buckeye.



THE FIRST, THE LAST AND THE BEST
of all grass-cutters is the Buckeye, the Song
Bird of the Meadow and the staunch and
helpful friend of man and horse! The Buck-
eye Mower has **all the old merits** which have
not only assured its own fame but have, in
part, extended a saving hand to all its com-
petitors; and it possesses new **merits of the
highest class** which can be found on no
other mower in the world. The owner of
the Buckeye can felicitate himself on having
the **most efficient grass-cutter made by the
hand of man.**

Knife removed instantly without tools.
Serrated Ledger-Plates shear off tough-
est grasses with ease and certainty.

Perfect Foot-Lift on all Mowers.

Smooth cutting over uneven surfaces.

Adjustable on both outer and inner shoe.

Direct Draft from hames to cutter-bar.

Brass bushed and adjustable bearings.

Lightest draft, unequalled durability.

Adjustable Seat, perfect balance.

Noiseless action, a perfect self-oiler.

Folding cutters over the tongue, out of
danger and out of the way.

Farmers who strive to make life's labors easy
will have taken one wise step in getting the
Buckeye Mower. No farmer ever was known to
regret having bought the Buckeye.



Buckeye Passing Under Tree.



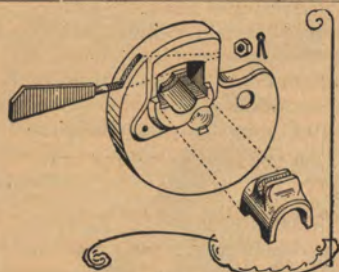
How Other Mowers Pass Under a Tree.

1896

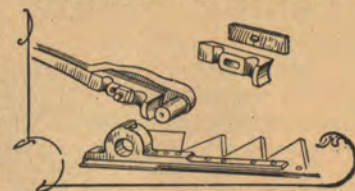
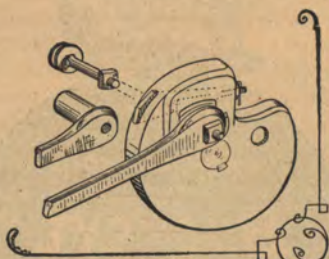
OCTOBER

Moon's f New 6, 4:18 pm. Full 21, 10:17 am
Phases | First Q. 13, 8:47 am. Last Q. 29, 9:21 am

Day of Year	Day of Month	DAY.	HISTORICAL EVENTS.	Moon's Signs.	NORTHERN STATES.						SOUTHERN STATES.					
					SUN RISES		SUN SETS		MOON RISES		SUN RISES		SUN SETS		MOON RISES	
					H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.
275	1	Thursday	Vienna Exposition Buckeye Medal, 1873		5	57	5	42	morn		5	53	5	46	morn	
276	2	Friday	Major Andre hung, 1780		5	58	5	40	12	42	5	54	5	44	1	5
277	3	Saturday	Howe Sewing Machine, 1841		5	59	5	38	1	57	5	55	5	43	2	17
278	4	Sunday	Battle of Corinth, 1862		6	1	5	37	3	14	5	56	5	41	3	23
279	5	Monday	Defeat of Cornwallis, 1781		6	2	5	35	4	33	5	57	5	40	4	34
280	6	Tuesday	McKinley bill goes into effect, 1890		6	3	5	33	5	53	5	58	5	38	5	47
281	7	Wednesday	Burgoyne surrendered, 1777		6	4	5	31	sets		5	59	5	37	sets	
282	8	Thursday	Chicago fire, 1871		6	5	5	29	5	54	6	0	5	35	6	19
283	9	Friday	Battle of Perryville, 1862		6	7	5	28	6	34	6	1	5	34	7	5
284	10	Saturday	Wm. H. Seward died, 1872		6	8	5	26	7	26	6	2	5	32	8	1
285	11	Sunday	Anaesthetics discovered, 1846		6	9	5	24	8	26	6	3	5	31	9	1
286	12	Monday	Gen. R. E. Lee died, 1870		6	10	5	22	9	35	6	4	5	30	10	7
287	13	Tuesday	Murat shot, 1815		6	11	5	20	10	44	6	4	5	29	11	12
288	14	Wednesday	Wm. Penn born, 1644		6	13	5	19	11	55	6	5	5	27	morn	
289	15	Thursday	Panic of 1857		6	14	5	17	morn		6	5	5	26	12	16
290	16	Friday	Marie Antoinette beheaded, 1793		6	15	5	15	1	3	6	6	5	25	1	18
291	17	Saturday	Napoleon at St. Helena		6	16	5	14	2	7	6	7	5	24	2	15
292	18	Sunday	Daguerre invents photograph, 1839		6	18	5	12	3	11	6	8	5	23	3	13
293	19	Monday	Battle of Ball's Bluff, 1861		6	19	5	11	4	11	6	8	5	22	4	7
294	20	Tuesday	John Adams born, 1735		6	21	5	9	5	13	6	9	5	21	5	3
295	21	Wednesday	Lord Nelson killed, 1805		6	22	5	8	rises		6	10	5	20	rises	
296	22	Thursday	Paris Exposition Buckeye Medal, 1873		6	23	5	6	5	19	6	11	5	19	5	43
297	23	Friday	Penn lands at Pennsylvania, 1682		6	24	5	5	5	52	6	12	5	18	6	21
298	24	Saturday	Goodyear vulcanite rubber, 1840		6	26	5	3	6	29	6	12	5	16	7	2
299	25	Sunday	Philadelphia settled, 1682		6	27	5	2	7	18	6	13	5	15	7	52
300	26	Monday	Von Moltke born, 1800		6	28	5	0	8	12	6	14	5	14	8	46
301	27	Tuesday	Battle of Springfield, 1861		6	29	4	59	9	16	6	15	5	13	9	47
302	28	Wednesday	C. Harrison, Chicago, assassinated, 1893		6	31	4	57	10	25	6	16	5	12	10	51
303	29	Thursday	Surrender of Metz, 1870		6	32	4	56	11	36	6	18	5	10	11	55
304	30	Friday	End of the Crusades, 1270		6	34	4	54	morn		6	19	5	9	morn	
305	31	Saturday	Electrocution in New York, 1888		6	35	4	53	12	51	6	20	5	8	1	3



These cuts show bearing at crank-end of pitman. The lower half of box is cast with crank-wheel. The lower edges of upper, removable, half of box can be filed so as to give this bearing always as perfect an adjustment as when the machine was new.



If wear develops at knife-head end of pitman the nut on slotted piece is loosened, the piece moved forward to make a perfect joint, and this bearing is then as solid and perfect as new.

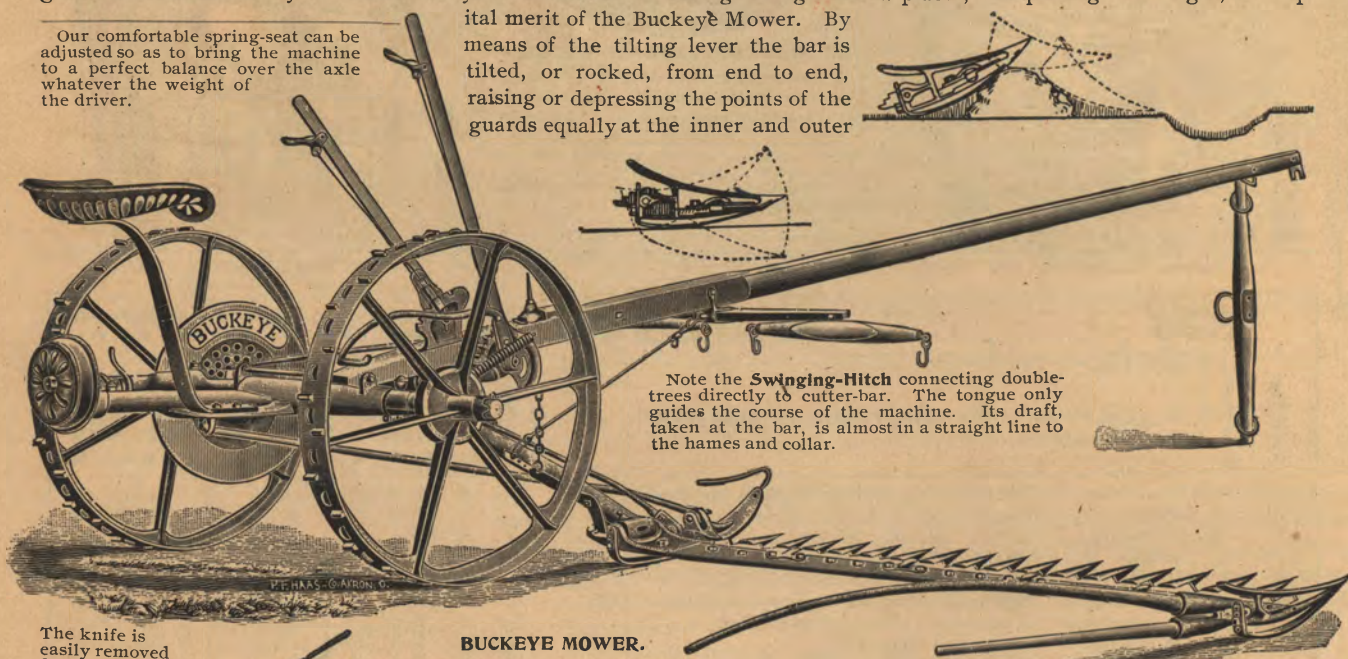
The immense popularity of the Buckeye Mower throughout the world clearly indicates: First, that it is superior to all others in efficiency, convenience and light draft; Second, that it has proven to be the most durable, economical and best made of all grass-cutters. Conformity to the surface by the mower-bar in cutting through hollow places, and passing over ridges, is a capital merit of the Buckeye Mower.

Our comfortable spring-seat can be adjusted so as to bring the machine to a perfect balance over the axle whatever the weight of the driver.

By means of the tilting lever the bar is tilted, or rocked, from end to end, raising or depressing the points of the guards equally at the inner and outer



Note the **Swinging-Hitch** connecting double-trees directly to cutter-bar. The tongue only guides the course of the machine. Its draft, taken at the bar, is almost in a straight line to the hames and collar.



BUCKEYE MOWER.

The knife is easily removed from the bar by hand. No wrench or tool of any kind is needed.

ends. On the Buckeye this is accomplished without in the slightest degree impairing the keenness of the shear cut, and this can be said of no other mower. For shaving a tangled crop at the roots, or passing over rough ground, this feature is of the first value. The range of tilt permits the bar to be fixed in seven different positions, all the easy work of one moment. The inventor of the Buckeye made and patented the first rocking bar; also the last and best. The Buckeye is the handsomest grass-cutter ever put into the field. It is made for the best trade on the planet; it is made of the best material; it is the best mower. **Our Cutters** consist of a light, stiff bar; oil-tempered, close-fitting sections; a knife-heel of the best steel. The finest cutlery has no closer inspection both as to material and adjustment. No slipping or clogging of grass, which is held right in place by our **Serrated Ledger-Plates**. The toughest wire-grass is shaved off as easily as new clover by other mowers.

NOTE THIS—The Buckeye complete cutting attachment can be supplied by Buckeye agents. The fact that we have calls for cutters for machines made by us twenty to thirty years ago shows the durability of the Buckeye.

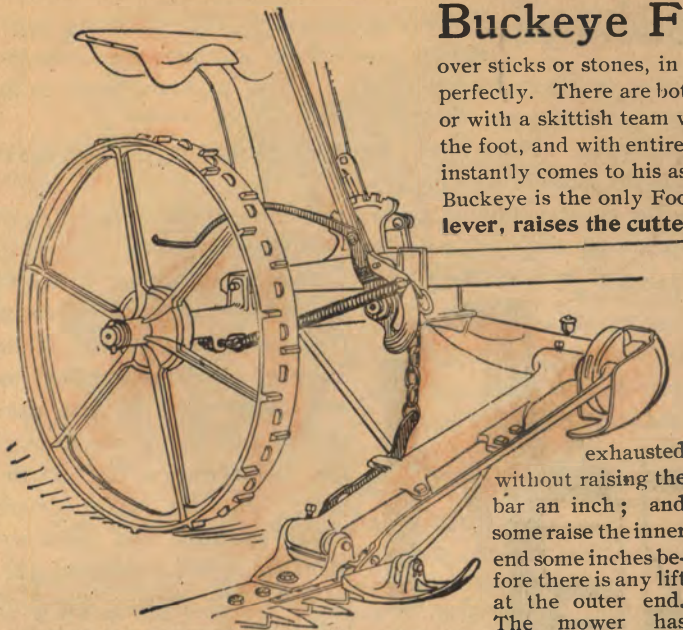


Our
Serrated
Ledger-
Plate.

Buckeye Foot-Lift.

While mowing it often happens that the bar should be raised; raised to pass over sticks or stones, in turning corners and elsewhere. The Buckeye does this perfectly. There are both foot and hand levers for the purpose. On rough ground, or with a skittish team which requires both hands for driving, it can be done by the foot, and with entire ease, because the spring, which is inoperative in cutting, instantly comes to his assistance and does most of the lifting that is required. The Buckeye is the only Foot-Lift that **instantly, on the first pressure against the lever, raises the cutter-bar to the outer end.** Try other mowers in this respect.

Their leverage is always partially, and sometimes wholly,



never been made of which the driver has such perfect control without leaving his seat or stopping his team, as the Buckeye. The foot-lever is so aided by the lifting-spring that even a boy can raise the bar to any desired height.



1896

NOVEMBER

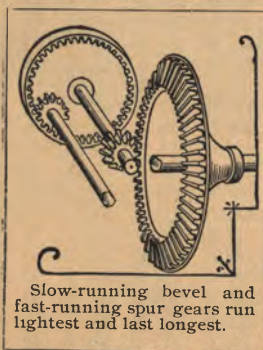
Moon's f New 5, 1:27 am. Full 20, 4:25 pm
Phases f First Q. 11, 11:41 pm. Last Q. 27, 8:14 pm

Day of Year.	Day of Month.	DAY.	HISTORICAL EVENTS.	Moon's Signs.	NORTHERN STATES.				SOUTHERN STATES.							
					SUN RISES		SUN SETS		MOON RISES		SUN RISES		SUN SETS		MOON RISES	
					H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.
306	1	Sunday	All Saints' Day	♋	6	36	4	52	2	5	6	21	5	7	2	10
307	2	Monday	Erie Canal finished, 1825	♋	6	37	4	51	3	23	6	22	5	6	3	20
308	3	Tuesday	McKinley Governor of Ohio, 1891	♋	6	39	4	49	4	42	6	23	5	5	4	33
309	4	Wednesday	Cleveland elected, 1892	♋	6	40	4	48	6	6	6	24	5	4	5	49
310	5	Thursday	Kepler died, 1630	♋	6	41	4	47	sets		6	25	5	3	sets	
311	6	Friday	General Meade died, 1872	♋	6	42	4	46	5	11	6	26	5	2	5	44
312	7	Saturday	Prince of Wales born, 1841	♋	6	44	4	45	6	9	6	27	5	1	6	44
313	8	Sunday	Buckeye Binder invented, 1877	♋	6	45	4	43	7	17	6	28	5	1	7	50
314	9	Monday	Boston fire, 1872	♋	6	47	4	42	8	29	6	29	5	0	8	58
315	10	Tuesday	Schiller born, 1759	♋	6	48	4	41	9	42	6	30	4	59	10	5
316	11	Wednesday	Martin Luther born, 1483	♋	6	49	4	40	10	52	6	31	4	58	11	8
317	12	Thursday	Pasteur hydrophobia cure, 1880	♋	6	51	4	39	11	59	6	32	4	58	morn	
318	13	Friday	Eruption of Mt. Atna, 1832	♋	6	52	4	37	morn		6	32	4	57	12	9
319	14	Saturday	Gillott invents steel pens, 1830	♋	6	54	4	36	1	3	6	33	4	57	1	7
320	15	Sunday	John Brown at Harper's Ferry, 1859	♋	6	55	4	35	2	5	6	34	4	56	2	3
321	16	Monday	John Bright born, 1811	♋	6	56	4	34	3	6	6	35	4	56	2	57
322	17	Tuesday	Opening of Suez Canal, 1869	♋	6	57	4	33	4	7	6	36	4	55	3	53
323	18	Wednesday	Cardinal Wolsey died, 1530	♋	6	59	4	33	5	10	6	36	4	55	4	50
324	19	Thursday	Modern bicycle, 1879	♋	7	0	4	32	6	14	6	37	4	54	5	48
325	20	Friday	Battle of Lookout Mountain, 1863	♋	7	1	4	31	rises		6	38	4	54	rises	
326	21	Saturday	Siege of Knoxville, 1863	♋	7	2	4	30	5	15	6	39	4	54	5	49
327	22	Sunday	France an Empire, 1852	♋	7	3	4	29	6	9	6	40	4	53	6	43
328	23	Monday	Battle of Mission Ridge, 1863	♋	7	5	4	29	7	9	6	40	4	53	7	41
329	24	Tuesday	Gen. Taylor born, 1784	♋	7	6	4	28	8	17	6	41	4	52	8	44
330	25	Wednesday	Wilson-Gorman tariff, 1894	♋	7	7	4	27	9	27	6	42	4	52	9	48
331	26	Thursday	Thanksgiving Day	♋	7	8	4	27	10	38	6	43	4	52	10	52
332	27	Friday	Centennial Buckeye Medal, 1876	♋	7	9	4	26	11	51	6	44	4	52	11	59
333	28	Saturday	Modoc War, 1873	♋	7	11	4	26	morn		6	45	4	51	morn	
334	29	Sunday	Horace Greeley died, 1872	♋	7	12	4	25	1	3	6	46	4	51	1	4
335	30	Monday	Battle of Franklin, 1864	♋	7	13	4	25	2	18	6	47	4	51	2	12

The Simple Plan of the Buckeye is made very clear by the cut on this page. All the parts of the machine are connected to one tubular piece which forms the covering and the bearings for the shafts. The tool-box, cast in an angle of the shaft-tubes, at once strengthens the latter and forms a convenient foot-rest.

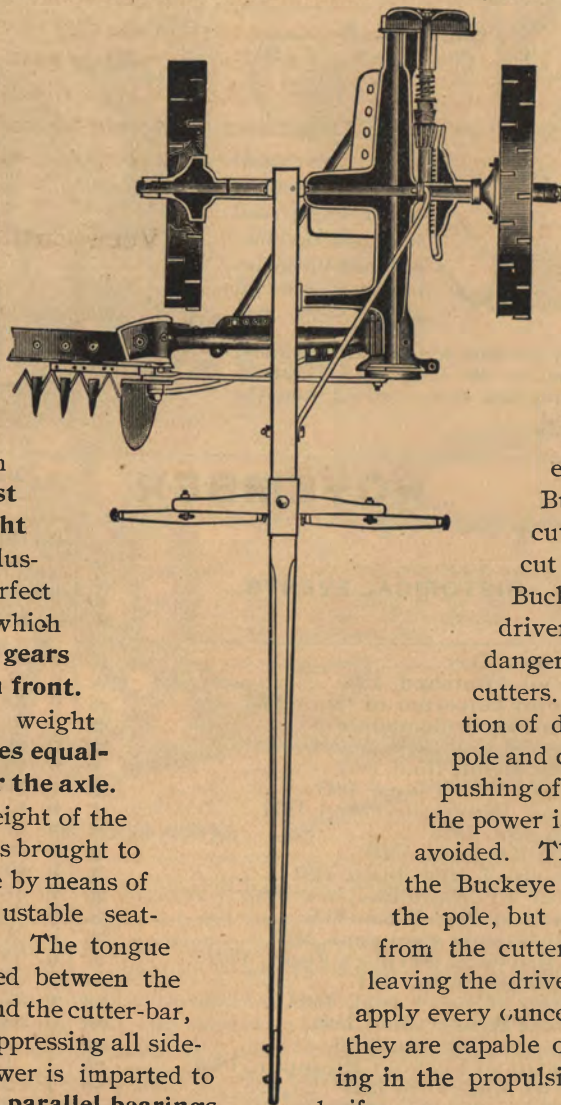
The gearing is from the axle, a Buckeye invention. Prior to the Buckeye all the motion on reapers and mowers was derived from a large cog-gear inside the rim of the drive-wheel.

In the face of the universal effort to cheapen the construction of mowing machines by the use of short shafts and pitmans, we continue to furnish this long crank-shaft on our New Buckeye Mowers. Experienced farmers well understand the advantages conferred by this long shaft in **durability, steadiness and lightness of running**. The rear bearing of this shaft runs in brass. The front bearing has long, adjustable boxing which is the perfection of convenience of adjustment, solidity and long endurance. Every bearing of the mechanism rests firmly against the solid tubular base. Perfect alignment and great durability are thus assured. The marvelous light draft of the Buckeye is also thus rationally accounted for. The tubular form naturally affords the **greatest strength with the least weight of metal**. The diagram also illustrates the causes of the perfect balance and the equable draft which characterize the Buckeye. **The gears are behind and the cutters in front.**



Slow-running bevel and fast-running spur gears run lightest and last longest.

Their weight balances equally over the axle. The weight of the driver is brought to balance by means of an adjustable seat-spring. The tongue is placed between the gears and the cutter-bar, thus suppressing all side-draft. The motion of the power is imparted to the knife through a pitman with parallel bearings,



knife.

or hooks, at its two ends, thus giving the knife, while cutting, as **fixed a place as any other part of the machine**, and doing away with the uncertainties, the infirmities, and the rapid decay which speedily and certainly overtake mowers using toggle-joints. The cutting edges of ball-joint mowers are speedily blunted so that the grass is torn off, rather than cut off, thus necessitating stocky guards, and entailing very heavy draft. The Buckeye is celebrated for its keen cutting and light draft. Front-cut mowers (first made by the Buckeye) are safest, because the driver, in case of a fall, is out of

danger from the cutters. Application of draft to the pole and consequent pushing of the bar by the power is also thus avoided. The draft of the Buckeye is not on the pole, but is directly from the cutter-bar, thus leaving the drivers free to apply every ounce of power they are capable of furnishing in the propulsion of the



Brass Bushings on the Buckeye.

These guarantee long life and smooth, easy running at most important bearings.

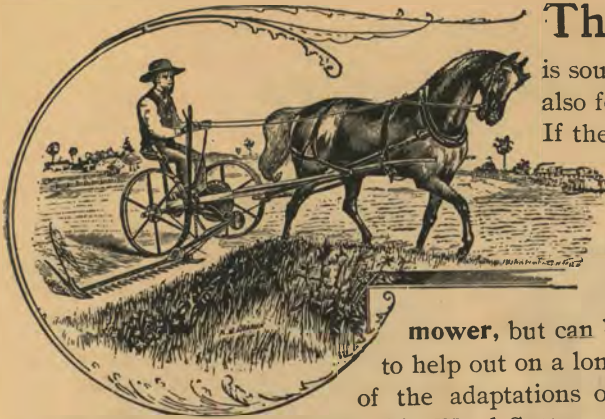


Long Adjustable Box for Crank-Shaft.

The Buckeye Mower

Has won more competitive prizes than all other mowers combined. Its list comprises the highest awards in all the civilized nations of the world.

See the comparative length of the Buckeye Crank-Shaft with that on other mowers. **The Spur-Shaft** carrying bevel pinion and spur-wheel has been lengthened on wider cut mowers and has **solid bearing supports on both ends.**



The Buckeye One-Horse Mower

is sought after on small farms that keep only a family horse; also for use in cemeteries, lawns, orchards and suburban places. If the horses and men are busy, **let the boy or girl take the pony and do the mowing.** They will do it like a top.

The One-Horse Machine is lighter and more compact, but a genuine Buckeye, **made for good business.** In the cut at the top of this page this mower is shown with a full sized man and horse, to indicate that it is **no toy**

mower, but can be put to work in the field along with the two-horse mower, to help out on a long, hard job, and **will do good work wherever used.** One

of the adaptations of the Buckeye Mower which has won much favor is its use as a **Weed-Cutter.** On this Weed-Cutter Attachment both ends of the Finger-Bar are supported on large-sized wheels. It is often of the highest utility, and is furnished only on the Buckeye.

All Buckeyes are Numbered.

Every Buckeye Machine, whether Mower, Binder or Reaper, is numbered. The number on each machine is also **Registered in the Factory.** Owners of Buckeyes can, therefore, order repairs, giving the number of the piece wanted, and also the number on the machine, with perfect assurance that they will get exactly what they want.

Weed-Cutting Attachment.

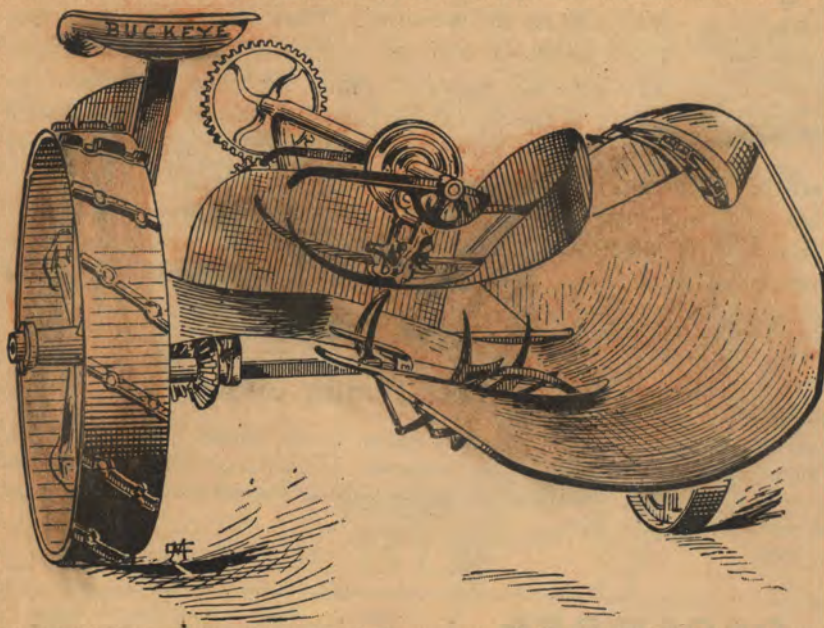
On this Attachment to the Mower both ends of the finger-bar are supported on good-sized wheels. It is just the thing for making a quick disposal of weeds on a large scale.

1896
DECEMBER

Moon's { New 4, 11:51 am. Full 19, 10:05 pm
Phases { First Q. 11, 6:29 pm. Last Q. 27, 6:09 am

Day of Year.	Day of Month.	DAY.	HISTORICAL EVENTS.	Moon's Signs.	NORTHERN STATES.						SOUTHERN STATES.					
					SUN RISES		SUN SETS		MOON RISES		SUN RISES		SUN SETS		MOON RISES	
					H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.
336	1	Tuesday	John Brown hung, 1859	☾	7	14	4	25	3	38	6	48	4	51	3	23
337	2	Wednesday	Cortez died, 1554	☾	7	15	4	25	5	0	6	49	4	51	4	38
338	3	Thursday	☾ Battle of Hohenlinden, 1800.	☾	7	16	4	24	6	23	6	49	4	51	5	54
339	4	Friday	☾ Washington's farewell, 1783.	☾	7	17	4	24	7	42	6	50	4	51	7	8
340	5	Saturday	Mozart died, 1792	☾	7	18	4	24	sets		6	51	4	51	sets	
341	6	Sunday	Jefferson Davis died, 1889	☾	7	19	4	24	6	5	6	52	4	51	6	36
342	7	Monday	Marshal Ney shot. 1815.	☾	7	20	4	24	7	21	6	53	4	51	7	47
343	8	Tuesday	Father Mathew died, 1857	☾	7	21	4	23	8	34	6	53	4	51	8	53
344	9	Wednesday	Milton born, 1608	☾	7	22	4	23	9	45	6	54	4	51	9	57
345	10	Thursday	☾ German Empire consolidated, 1870.	☾	7	23	4	23	10	50	6	55	4	51	10	56
346	11	Friday	☾ Indiana admitted, 1816	☾	7	24	4	23	11	54	6	56	4	51	11	54
347	12	Saturday	Cromwell, Protector, 1653	☾	7	25	4	24	morn		6	57	4	52	morn	
348	13	Sunday	Battle of Fredericksburg, 1862	☾	7	25	4	24	12	55	6	57	4	52	12	50
349	14	Monday	Washington died, 1799	☾	7	26	4	25	1	57	6	58	4	53	1	45
350	15	Tuesday	Battle of Nashville, 1864	☾	7	27	4	25	2	59	6	59	4	53	2	42
351	16	Wednesday	Boston Tea Party, 1773	☾	7	28	4	25	4	2	7	0	4	53	3	38
352	17	Thursday	John G. Whittier born, 1807	☾	7	28	4	25	5	6	7	0	4	54	4	37
353	18	Friday	Two-cent postage in effect, 1881	☾	7	29	4	26	6	8	7	1	4	54	5	35
354	19	Saturday	☾ Buckeye Austral'n Nat'l Medal, 1886.	☾	7	29	4	26	rises		7	1	4	55	rises	
355	20	Sunday	South Carolina secedes, 1860	☾	7	30	4	26	5	1	7	2	4	55	5	34
356	21	Monday	First day of Winter	☾	7	31	4	27	6	7	7	3	4	55	6	36
357	22	Tuesday	Jacquard invents the loom, 1802	☾	7	31	4	27	7	19	7	3	4	56	7	42
358	23	Wednesday	Washington Monument, 1883	☾	7	32	4	28	8	29	7	4	4	56	8	45
359	24	Thursday	Lord Bacon died, 1681	☾	7	32	4	28	9	42	7	4	4	57	9	52
360	25	Friday	Christmas	☾	7	33	4	29	10	53	7	5	4	57	10	55
361	26	Saturday	☾ Texas admitted, 1845	☾	7	33	4	30	morn		7	5	4	58	morn	
362	27	Sunday	☾ Iowa admitted, 1846	☾	7	33	4	31	12	5	7	5	4	59	12	0
363	28	Monday	Macaulay died, 1859	☾	7	33	4	31	1	21	7	5	4	59	1	9
364	29	Tuesday	John A. Logan died, 1886	☾	7	33	4	32	2	40	7	5	5	0	2	21
365	30	Wednesday	Battle of Savannah, 1778	☾	7	33	4	33	3	59	7	5	5	1	3	32
366	31	Thursday	Good-by old '96	☾	7	34	4	34	5	18	7	5	5	2	4	46

Buckeye Corn Harvester.

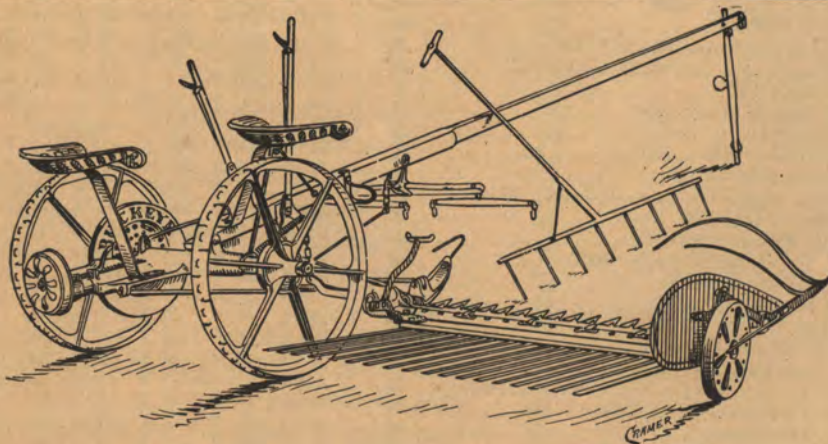


Last year's corn crop was capable of testing the new machines offered to the trade. All left much to be desired. We speak advisedly, every corn harvester having been fairly and comparatively tested under the eyes of skilled judges. The only machine that did really first-class harvesting differed radically from all the others. It was the new Buckeye Corn Harvester.

This machine gathers in and saves all the corn stalks. It cuts, packs, trips, separates, binds and delivers the bundles to one side with the same regularity and certainty as the Buckeye handles grain. Every one of these necessary operations is done with certainty and precision.

The mechanism, and gravity, drops every cut stalk at once into the lowest part of the hollow platform. There the bundles are bound and discharged to one side. There is no elevation; not a pound of power is wasted. The superior points of the new Buckeye are these: The large 38-inch, wide-

tire drive-wheel is a better power producer; better collection and easier handling of the stalks; easy draft; exemption from the botheration of other harvesters from short corn and undergrowth; sides of machine raised or lowered independently, and the very best, surest and most perfect separation, bundle-making, tying and delivery. In short, this is a natural, easy, common sense Corn Harvester, and the only one.



Buckeye Mower and Manual Reaper.

As a mower this machine is identical with the famous Buckeye Mower. The reaping attachment consists of extra seat, foot rest, outside divider, swinging dropper, rake, and everything to complete the machine as a reaper ready for work in the field. All the gearings are well protected, and the shafts run in brass-bushed and adjustable bearings. The change from mower to reaper, also the reverse, is very quickly and easily made. The driver's and raker's seats are arranged with a view to comfort, and to the perfect balance of the machine. In construction it is first-class, and farmers preferring a manual reaper pronounce it the very best in its line.

Buckeye Repairs.

No manufactory guards the interests of its patrons in respect to possibly needed Repairs with more scrupulous, painstaking effort than Aultman, Miller & Co. Buckeye agencies having a good patronage are now and then surrendered because of the few repairs sold; but it is our inflexible rule that where our machines are sold, there repairs must be kept for the possible needs of the farmers who have bought them. The Buckeye requires few repairs in comparison with the more complicated machines of its competitors; but breaks occur sometimes through no fault of the machine. For these reasons repairs for the Buckeye are kept by all our agents. On the other hand, our customers will save time, trouble and money by making sure to get **Genuine Buckeye Repairs from the Exact Patterns, which are furnished only by AULTMAN, MILLER & CO.**

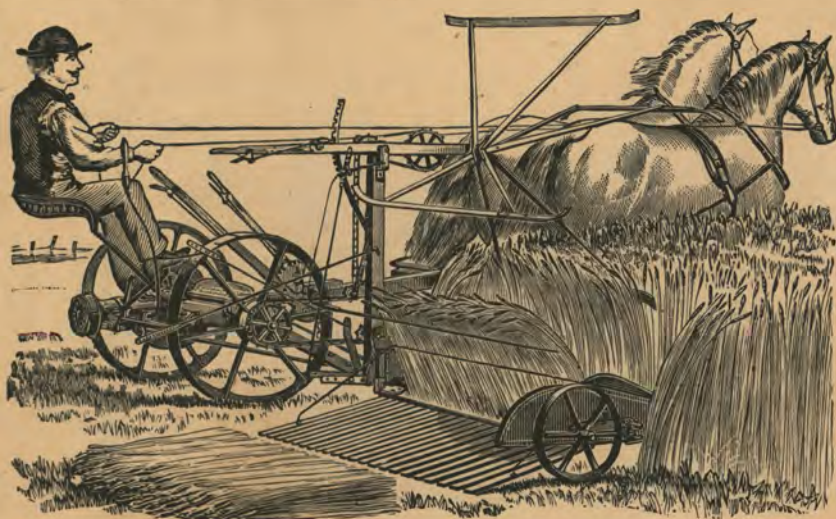
THE BUCKEYE TABLE-RAKE REAPER

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, 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. 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 is entirely independent of the reel, and is so arranged as to work automatically. 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. The simplicity, the great durability, ease of control and splendid work done by the Buckeye Table-Rake, are so widely recognized as to render it unnecessary to dwell upon them here. No reaper has ever succeeded in making so neat a sheaf, and no equal to it in taking up down grain has ever been produced. The Table-Rake and Buckeye Mower Combined has long been, and still continues to be, a favorite machine in some of the richest farming districts in the Union.

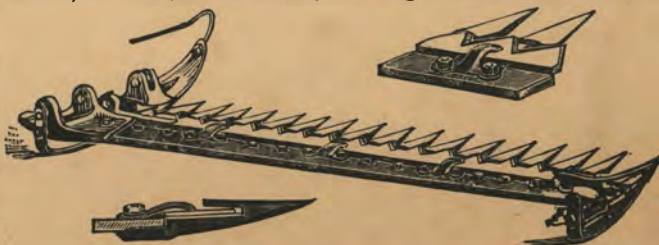
THE BUCKEYE DROPPER.



With farmers who raise smallish crops, and who desire a combined mower and reaper, the Buckeye Dropper is justly a great favorite, because it is the simplest form of reaper; it is easiest to handle; its work is equal to the best, and it is the least expensive. It deposits the sheaf in the rear of the machine. The bundles are easily sized by the driver, by means of a foot lever. The cutter-bar being in front, the driver's safety is assured. This brings the slatted platform right under the driver's eye, thus sparing him the straining and tiresome effort required in constantly looking back

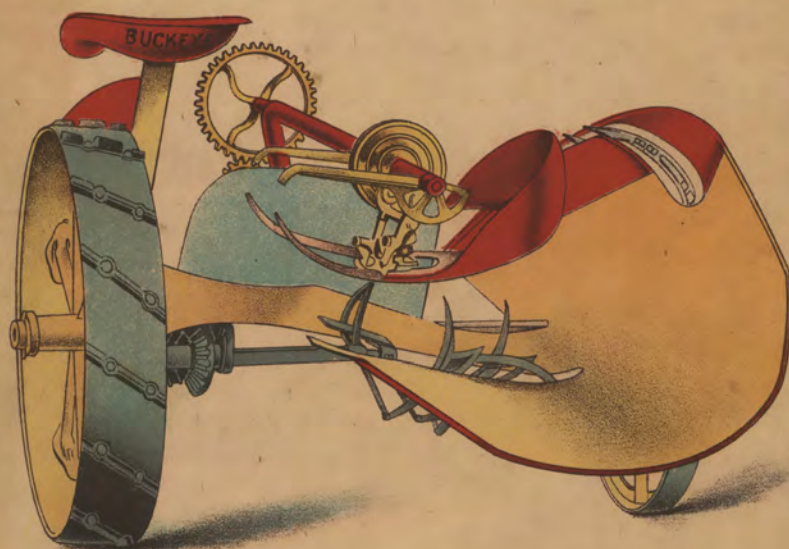
to ascertain the size of his gavel, while his eye should, in fact, be in front, looking out for obstructions.

To change the Table-Rake or Dropper to a Mower, take off the Reaping Attachment and attach the Mower Bar shown in the accompanying cut. One extra Mowing Knife is furnished with each Buckeye Mower, and with each Combined Machine.





BUCKEYE TWINE IS THE BEST. WE MAKE IT IN OUR OWN FACTORY AND GUARANTEE IT.



BUCKEYE CORN HARVESTER.

JOHN F. LEHNHART.

DEALER IN

Farming Implements, Wagons

AND PUMPS,

Old Line, Lancaster Co., Pa.



BUCKEYE WORKS AT AKRON, OHIO. THE MOST COMPLETE HARVESTING MACHINERY PLANT IN THE WORLD.