

Buckeye



AULTMAN & CO.

CANTON, OHIO, U.S.A.

C. AULTMAN & Co.

CANTON, OHIO.

LEWIS MILLER, President. J. A. LINVILLE, Secretary. JACOB MILLER, Superintendent.
C. L. JONES, Vice-President. M. B. COX, Treasurer. R. A. MILLER, Assistant Sup't.

FOR THE COMING SEASON C. AULTMAN & CO. WILL
SUPPLY THEIR PATRONS WITH

HARVESTING MACHINES

AS FOLLOWS:

BUCKEYE STEEL FRAME BINDERS,

5, 6 and 7 feet cut.

BUCKEYE WOOD FRAME BINDERS,

5, 6 and 7 feet cut.

BUCKEYE PLATFORM BINDERS,

5 feet 3 inch cut.

BUCKEYE MOWERS, No. 1, 4 feet 3 inch
and 5 feet cut.

BUCKEYE MOWERS, No. 2, 4 feet 3 inch
cut, (combin-
able with Table-Rake and Dropper)

BUCKEYE MOWERS, No. 4, 4 feet 3 inch
cut.

BUCKEYE TABLE RAKES, (2 bars) 4 feet
3 inches mow-
ing and 5 feet 6 inches reaping.

BUCKEYE DROPPERS, (2 bars) 4 feet 3
inches mowing
and 5 feet 6 inches reaping.

CANTON REAPERS, 5 feet cut (Sweep
Rake.)

ATTACHMENTS.

We furnish separate Attachments when desired, such as the Twine Attachment for Harvester, Dropping Attachment, Mowing Attachment, Bundle Carriers and Binder Truck.

TWINE.

Our supply of Twine for the harvest of 1889 is being made to our special order. Its uniform and excellent quality can be guaranteed.

REPAIRS.

Complete lines of Repairs for the BUCKEYE are kept in stock at our branch houses and principal agencies, and are thus quickly available to all parts of the country.

1831.

1889.

ANNUAL CATALOGUE
OF
BUCKEYE
Harvesting Machines

MANUFACTURED BY

C. AULTMAN & CO.
CANTON, OHIO.

BRANCH OFFICES:

CINCINNATI, O., 97 Sycamore St.
CHICAGO, ILL., 42-44 West Monroe St.
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NOTE.—Letters of inquiry for prices of our different machines, and terms of sale, and application for agencies and the address of agents, should be addressed to our office nearest to your place of residence, or to the home office at Canton, Ohio. *All inquiries will receive prompt and careful attention.*

INTRODUCTION.

✻ • ✻ • 1889. • ✻ • ✻

The prodigious growth of material interests in the United States during the past generation has astonished, not only ourselves, but the entire civilized world. The foundation of our national greatness and prosperity is Agriculture. When the farmer prospers everything prospers; when agriculture languishes, commerce, industry and every element of the social fabric suffers.

The figures themselves are significant. If a machine fails to work, or to last, or to please, it is stamped out. Harvest time is intolerant of anything but instant success. To have met such an exacting jury and received its highest award fifty-eight years in succession; to have been crowned with the first competitive prizes in all lands; to have seen the little shop of 1831—little in dimensions but big with pluck and ideas—grow into the vast Buckeye manufactories of to-day; such is the record C. Aultman & Co. have to present.

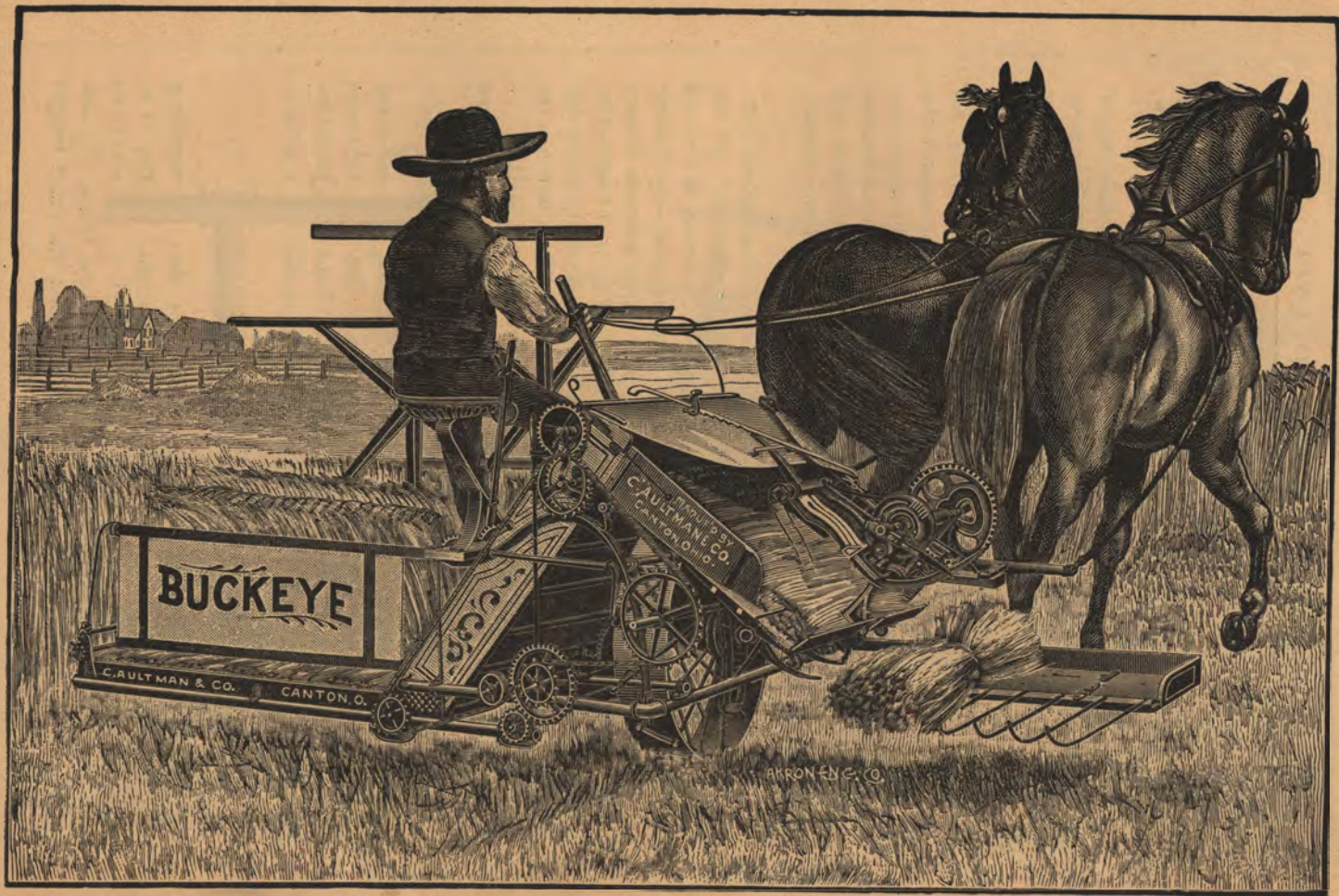
The event of greatest importance in this history was the invention of the Buckeye in 1856. All the machines made prior to that date were of questionable utility, and comparatively few were sold. The Buckeye popularized the cutting of grass and grain by mowers and reapers. The patents having expired on part of the characteristic features of the Buckeye, viz., the use of two driving wheels, the placing of the cutters in front of the driving wheels, and the double-hinged, floating cutter-bar connections, all other successful machines now use these Buckeye inventions without the payment of royalty.

The unwavering attachment of the farming public to the Buckeye Mower from 1856 until now—an entire generation—is a fact without a parallel in this branch of manufacture. During this period hundreds of machines have been contrived, and have gone to the wall. The Buckeye Mower only bears the royal stamp of time, partly because of the original simplicity of its mechanism, and partly because no effort or expense has ever been permitted to stand in the way of its equipment with the best that human ingenuity could devise. Several new devices that have proven their advantages by most severe tests will be found on our mowers for the coming year.

The New Buckeye Binder, which we shall furnish to our patrons for the harvest of '89, solves a problem which has, until now, successfully defied the efforts of all other manufacturers, viz., how to make a steel frame binder that is at once both lighter and stronger than wood. For a description of this machine we refer the reader to the illustrations and accompanying explanations contained in this catalogue.

In bringing the attention of the farmers to our New Binder we do so with a confidence that is founded on rock bottom. A number of these machines were submitted to prolonged trial in all possible conditions of crop in the harvest of 1887. In view of the grievous complaints of farmers against other so-called steel frame machines, on account of their great weight and heavy draft, and mindful of the fact that most, if not all of them, are actually inferior to wood frame machines in these respects, as well as in endurance, we sold five hundred of our new binders in 1888, taking care to place them in the heaviest cropping regions of the country. Every binder was worked, and most of them to their full capacity during the entire harvest. There was not one break, and from the entire five hundred steel frames, not one complaint. Not a single one.

We deem it only just to ourselves to state these facts clearly, inasmuch as the very light appearance of the New Buckeye, as compared with all other binders, might suggest a doubt in regard to its ability to stand up to the work; a doubt which is positively without the slightest foundation. Upon a due examination of the manner in which this binder is constructed it will be conceded that the New Buckeye, while being the lightest and handsomest of all binders, is also the most durable in material and construction, as well as the most efficient in operation.



BUCKEYE BINDER—REAR VIEW.

C. AULTMAN & CO.'S BUCKEYE BINDER

Recent changes in binder construction have been in the direction of substituting steel and iron for parts formerly made of wood. The most difficult obstacle to the successful accomplishment of this undertaking lay in the apparent impossibility of making a binder frame of sufficient rigidity and strength without a most objectionable addition of weight and draft. On the New Buckeye Binder this apparent difficulty has been completely vanquished. Its steel frame is not only possessed of a strength and supporting power equal to the square and angle iron frames, but it is lighter than these, and even lighter than wood frames. Our new improvements are the result of more careful calculation and exhaustive experiment than were ever before bestowed on any harvesting machine.

Our new frame is tubular, a shape which, as everyone knows, combines the greatest rigidity with the least dead weight of metal. All the most successful mowers have tubular frames. C. Aultman & Co. led the way—in which all the other makers have now followed—by making the first tubular mower frames. That this will be the ultimate history of binder construction does not admit of doubt. The well-founded reluctance of the farmer to pulling hundreds of pounds of absolutely unnecessary dead weight through the weary miles of harvest, which is the case with all the other steel binders, will in due time assert itself.

THE MAIN FRAME is made of Steel Tubes which are joined

together
inside
are made
together

at the outside corners by hollow elbows,
corners by hollow T's. All these con-
by long thread and screw joints. Thus
this frame becomes, in effect, one solid,

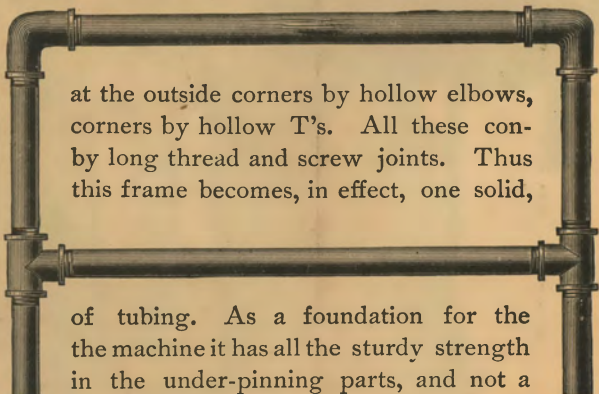
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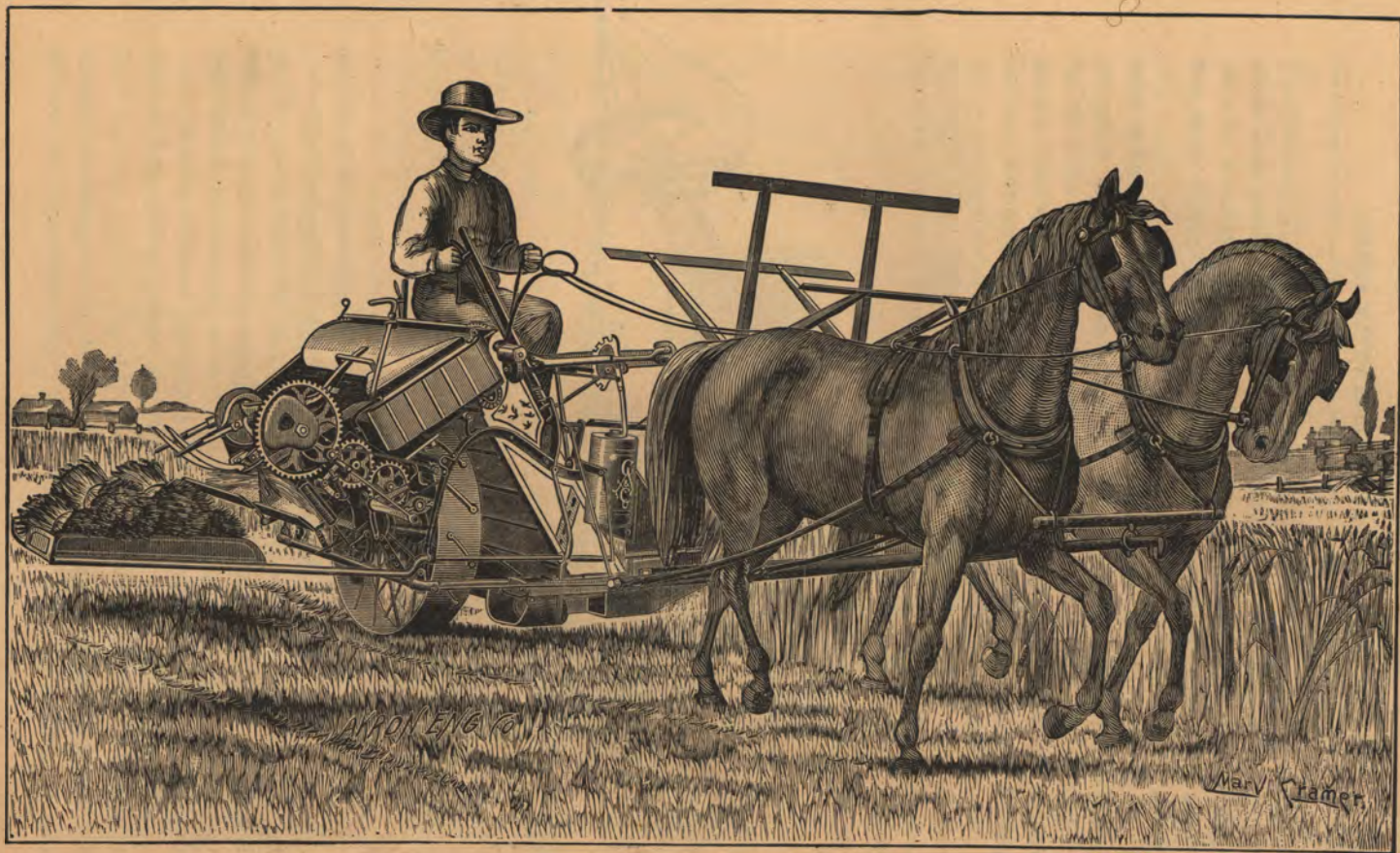
ous piece
parts of
essential

of tubing. As a foundation for the
the machine it has all the sturdy strength
in the under-pinning parts, and not a

working
that is so
surplus

pound of dead-weight metal has to be used. These tubes, T's, and elbows are made expressly to our order, and have the exact weight





BUCKEYE BINDER—FRONT VIEW.

which the machine requires; no more and no less. If the parts of this frame were held together at the corners by bolts and nuts, as all other binder frames are, then double the weight of metal would not make so strong a frame as the Buckeye's solid, continuous tubing with screw and thread connections.

A competitor who recognizes the superiority of the tubular form makes a confession of failure, after five years of experience, trying to build a machine of tubing, which, he says, he "tried by all kinds of double and lock nuts, staples, keys and rivets to fasten together." Being unable, or unwilling (owing to the greater cost of construction) to construct his frame on the Buckeye plan, he pins square tubes together at the corners with small bolts, making a frame which has three times the weight of the Buckeye and—at least at its joints—not one half the power.



GEAR-FRAME AND PLATFORM.

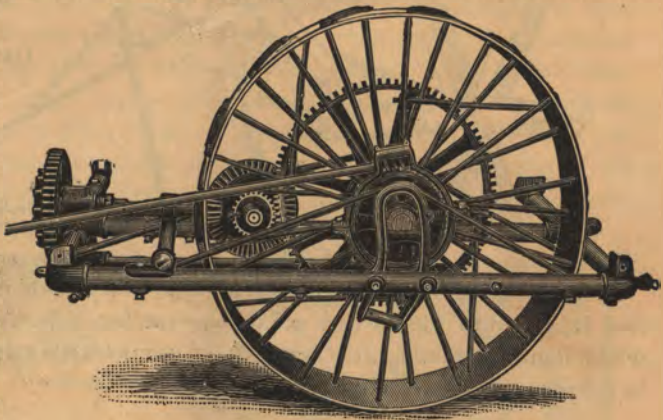
Tubing is also used for the rear frame of platform, while at the front is the "Z" bar, to the lower flange of which the guards are attached. The outer end is composed of a light, stiff steel truss. Thus it will be seen that, at every point our frame is made not only in the most substantial manner, but it is so designed as to spare the farmer the drudgery of handling several hundred pounds of needless weight.

The working parts of the binder are seated solidly and tightly against the frame by means of concave clips.

THE CRANK SHAFT.—Notice the admirable provision against loss of motion, by wear, of crank shaft. The hollow T, at rear of

frame, has a flange projecting downwards which receives the rear box of the crank shaft. This is a long brass box. When any indications of wear become noticeable this box can be turned half around, thus doubling its durability. The front box is of chilled iron and may be renewed with equal facility. The pitman box is of brass, in halves, held to their places by bolt with forked nut and pin. All these important bearings are easily adjustable, and can be kept in perfect working order during the serviceable existence of any binder ever made. On the Buckeye the old sway-bar arrangement has given place to this crank shaft and pitman as being stronger, simpler, far more reliable, and requiring less power.

THE DRIVE WHEEL is a feature to which we ask special attention. It is a suspension wheel, having a light but strong hub, light spokes and rim, but it has ample strength to stand the hardest

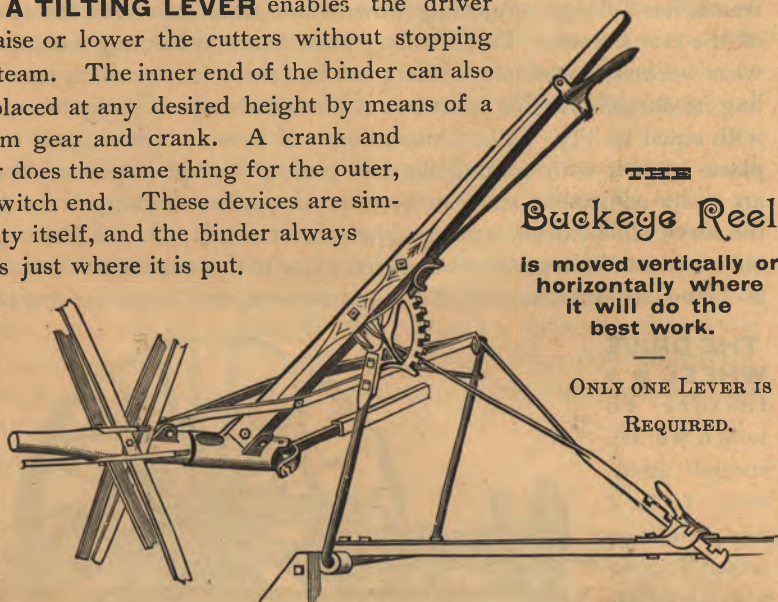


DRIVE-WHEEL GEAR AND GEAR-FRAME.

est knocks. It is unsurpassed for lightness in weight; and for steadiness and reliability it has no superior in the world. Its very wide rim facilitates light draft by preventing it from sinking into the soft ground over which binders work most of the time. There being no wood about our wheel the ordinary sheet-iron tire, found on the cheap common binders, is well dispensed with.

THE BUCKEYE GEARS.—All the power is sent through the gears which should be simple, solid and easily got at. Compare the Buckeye gears with the trappy complications used by other machines. The Buckeye pinion can be taken off and put back in one minute. The removal of the bevel and spur gear can be made in only a few minutes. The entire gearing rests solidly against the frame, having long steel bearings. Oil holes are convenient, and the parts are shielded against dirt and straw. It is not only the best but the simplest and easiest running gear known.

A TILTING LEVER enables the driver to raise or lower the cutters without stopping the team. The inner end of the binder can also be placed at any desired height by means of a worm gear and crank. A crank and gear does the same thing for the outer, or switch end. These devices are simplicity itself, and the binder always stays just where it is put.



Buckeye Reel

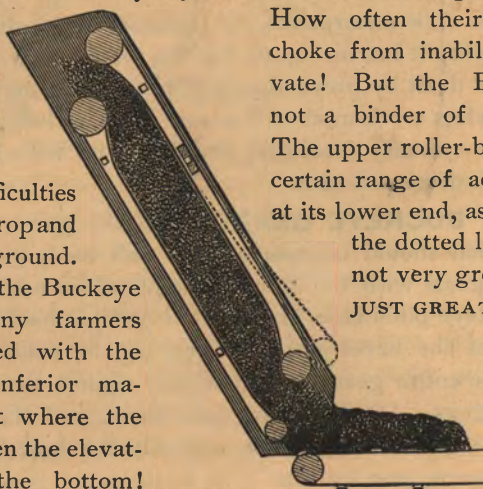
is moved vertically or horizontally where it will do the best work.

ONLY ONE LEVER IS REQUIRED.

Posts, sprockets and chains are done away with. The cut shows reel depressed to the lowest point; the ratchet indicates the height to which it may be raised. It is very **LIGHT, STIFF AND EASY TO HANDLE** in the worst lodged grain.

THE BUCKEYE FLAG, or back curtain keeps the grain from falling too far back. It is easily adjustable for different lengths of grain.

ADJUSTABLE ELEVATOR.—What every prudent farmer wants is a Binder that can vanquish all the difficulties presented by time, crop and condition of the ground. Such a machine is the Buckeye Binder. How many farmers have been disgusted with the conduct of their inferior machines at the point where the straw enters between the elevating canvases at the bottom!



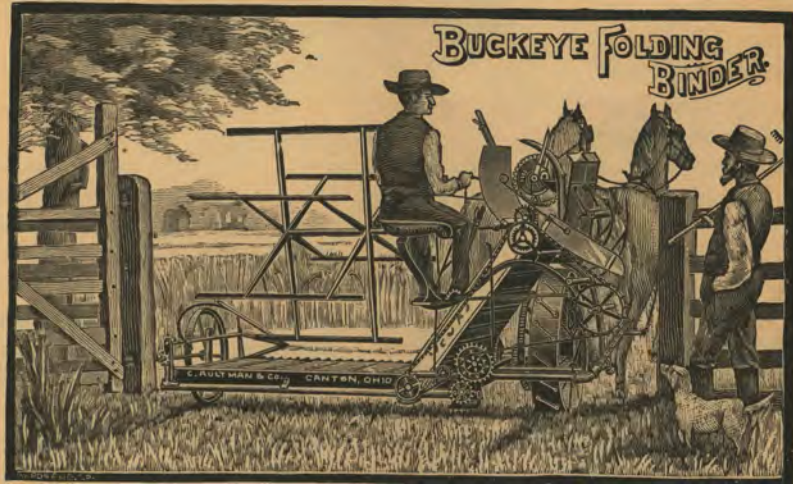
How often their machines choke from inability to elevate! But the Buckeye is not a binder of that kind. The upper roller-bearer has a certain range of adjustability at its lower end, as shown by the dotted lines. It is not very great, but it is **JUST GREAT ENOUGH**, so that we challenge and defy anyone to choke the

Buckeye Elevator in any crop whatsoever. This, also, is our own improvement. Its value will not be overestimated.

TENSION.—A defective tension will render an otherwise good binder almost valueless. The Buckeye tension is entirely reliable. It keeps the same tension on thick and thin twine, and is not clogged by an enlargement in the string.

FOLDING THE BINDER ATTACHMENT.

IT TAKES A MAN ONE MINUTE TO FOLD OUR BINDING ATTACHMENT in a more secure position for transportation over rough fields and roads than when in shape for work. It is folded over the top, and does not interfere with **THE PERFECT BALANCE OF THE MACHINE OVER THE MAIN WHEEL**, nor cause any neck pressure or side draft. Furthermore, it does not require to be folded or unfolded every time a gate has to be passed, but when once folded it remains folded for transportation or storage until it is again in the field at work. Our folding feature has gained the firm and outspoken friendship of the farmer, contributing, as it does, more to his convenience than any recent improvement in binders.



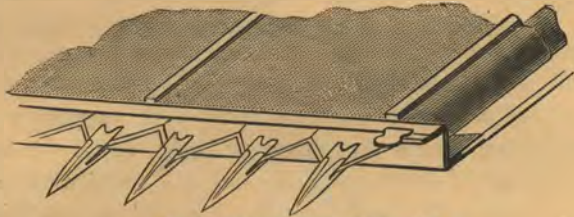
BINDER SHIFTER.—With the aid of this device the driver can shift the binder attachment so as to bind his sheaves in the middle.

BUTTER.—He can also place the butter where it will make the neatest shaped sheaf. With our new Butter Extension the Buckeye makes a nicer sheaf than any other binder is capable of making.

BUNDLE SIZER.—The size of the bundles is regulated by a most simple device which, taken in connection with the accurate timing of all the movements of the machine, are most valuable features, found only in the Buckeye.

BUNDLE-CARRIER.—Our new Bundle-Carrier is light, very handy and perfectly reliable. It saves the labor of carrying the sheaves together, and, owing to the less handling, and depositing the sheaves on the ground in heaps of from four to six sheaves, instead of singly, it will save considerable grain. The bundle-carrier is extra.

LOW CANVAS.—The Buckeye does far better work in reeling, elevating and binding than can possibly be done by any binder with high platform canvases like that shown in the lower cut. To make good work in short grain of any kind the low-running Buckeye Canvas is absolutely indispensable.



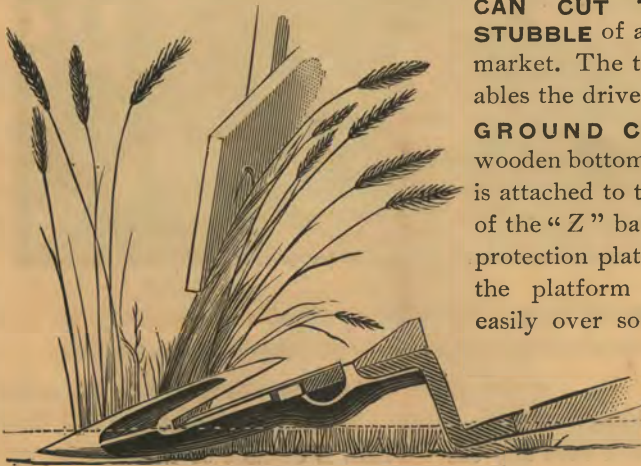
LOW BUCKEYE CANVAS.



HIGH CANVAS.

In laid and short grain it is important to cut low, and **THE BUCKEYE**

CAN CUT THE LOWEST STUBBLE of any binder in the market. The tilting device enables the driver to **SHAVE the GROUND CLEAN.** The wooden bottom of the platform is attached to the lower section of the "Z" bar by double steel protection plates, thus enabling the platform to be sledged easily over soft places where other binders are stopped by scraping and choking with mud.



CUTTING LOW.

THE KNOTTER is the most durable and perfect in its operation that has yet been furnished on any binder. The parts are so constructed as to provide for taking up all wear, which is a very great advantage over the so-called simplified knotters which are non-adjustable. The wear, instead of being on a single piece, endangering the life of the machine in a vital part, is distributed upon several parts, thus making a knotter which **KEEPS ON DOING PERFECT TYING** long after the "small piece" knotters have been worn out and thrown aside. With a strong quality of twine our knotter need not miss a bundle in an entire harvest.



KNOTTER.

As a matter of fact the binders making the most flourish of claims to the "least number of parts" are notoriously short-lived, and in respect to light draft they have **GONE DOWN BEFORE THE BUCKEYE IN EVERY CASE** where a dynamometer has been applied. Not an instance to the contrary can be produced.

We claim for the Buckeye Binder:

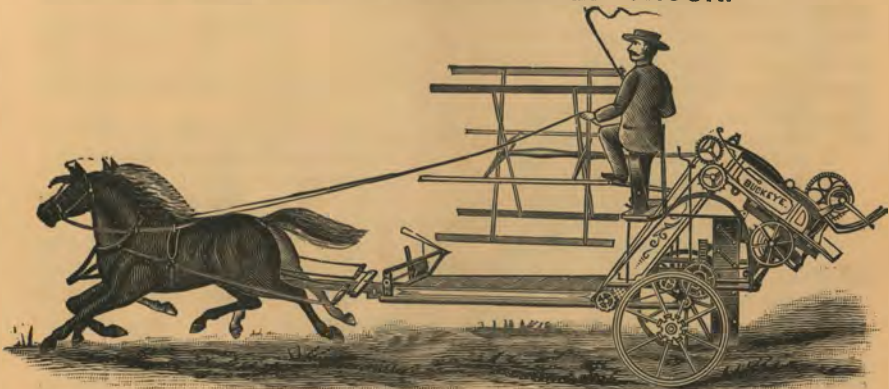
THAT IT IS THE MOST DURABLE BINDER!

THAT IT WASTES NO TWINE!

THAT IT REQUIRES THE LEAST DRAFT!

These claims have been proven over and over again.

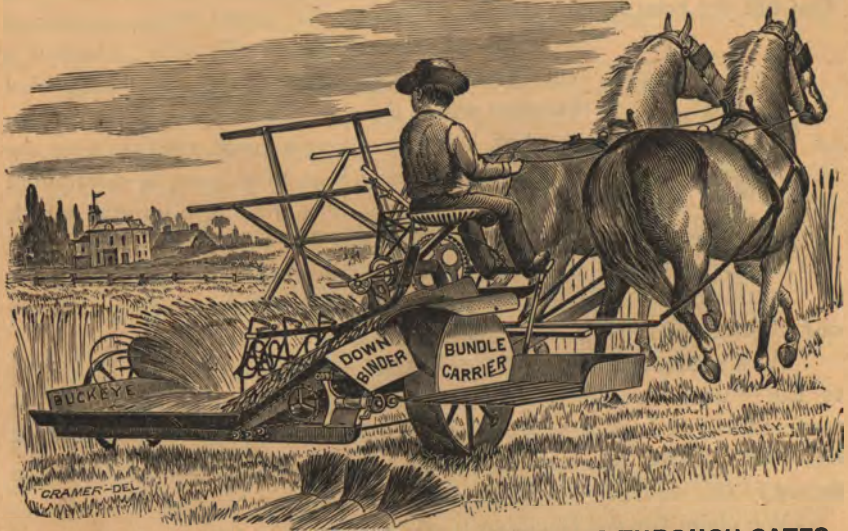
THE BUCKEYE TWO-WHEELED TRUCK.



The Lightest, Strongest and Handiest Binder Truck In the Market.

The Wheels are 32 inches high, insuring light draft. For ease of loading and unloading, no Truck will approach the Buckeye. With a little practice one man will load and unload the Buckeye on this truck,

THE BUCKEYE PLATFORM BINDER.



LIGHT, LOW, SIMPLE.

PASSES THROUGH GATES.

THE LIGHTEST AND HANDIEST BINDER.

The form of this binder is such as to cause many farmers to prefer it. It is low, light and narrow, passes through gates, is readily handled by two horses, is very easy to operate, and is stored for winter in comparatively small space.

The deck-trip of the Platform Binder sizes the bundles automatically, so that in good ground and standing grain the driver on the Platform Binder may go ahead all day, giving the machine no attention except to oil as needed and renew the supply of twine. But, in case the condition of the crop varies, he can, without leaving his seat or stopping the machine, control his machine as follows: He can

Move the reel forward or back.

Move the reel up or down.

Move the butter forward or back.

Raise or lower the entire machine—both ends alike,—and discharge the bundle-carrier (on the binders provided with a bundle-carrier) at will.

Throw the machine in and out of gear.

Tie bundles of any size at any moment.

Tilt the cutters up or down.

The separation and delivery of the bundles is complete in all kinds of grain, a feature which widely distinguishes the Buckeye from several unsuccessful experiments in the platform binder line, and constitutes it the only successful Platform Binder in the market.

The Bundle-Carrier is under the driver's easy control. It saves the labor of carrying the sheaves together by hand. It is extra.

On hilly land the Buckeye Platform Binder will do better work, and is much to be preferred to any binder whatsoever. It is the smallest, lightest and simplest self-binding harvester. In respect to reliability and durability, it is without a superior. One harvest after another, six years in succession, it has proven to the world that it is well adapted to the needs of the great majority of farmers.

The Buckeye Mower.

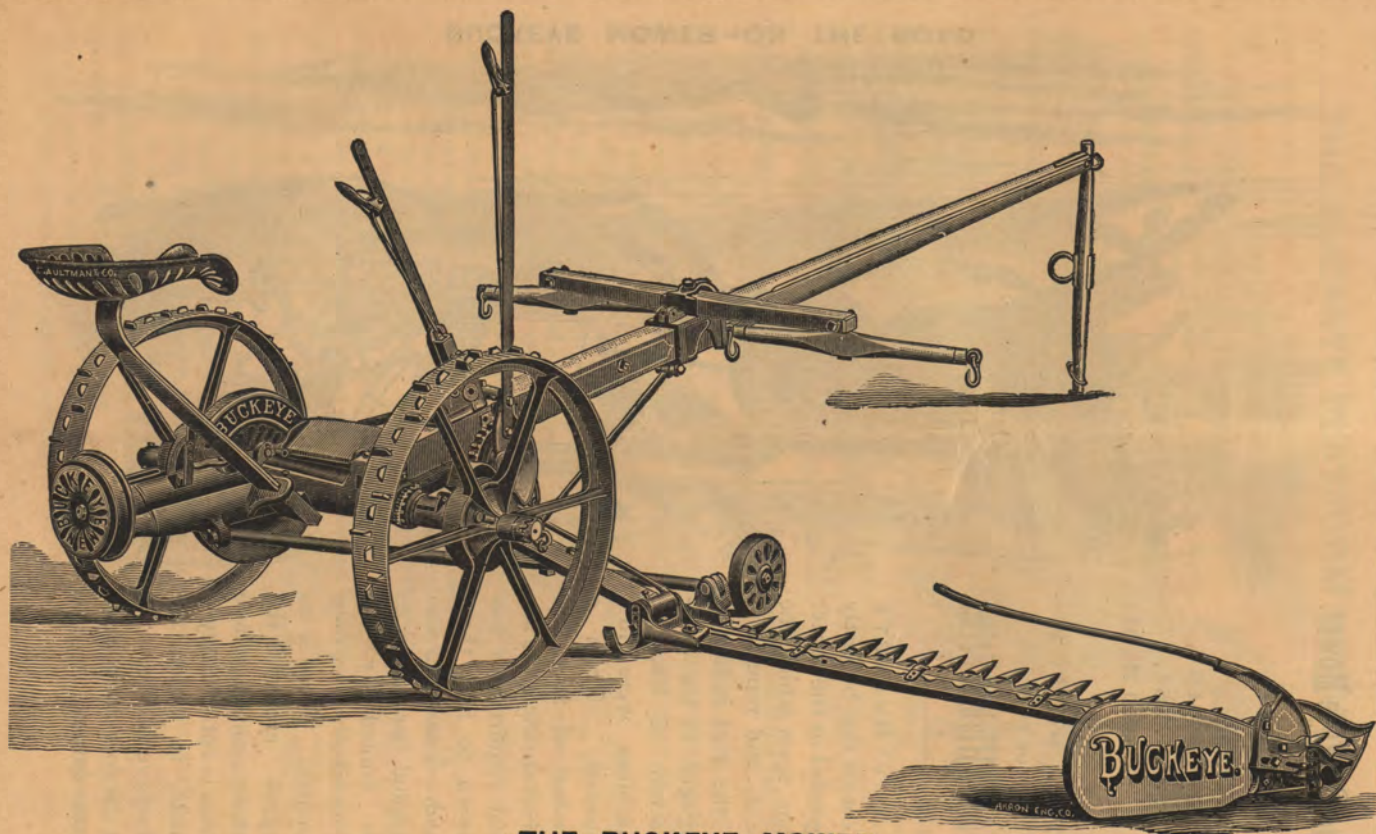
THE
LIGHTEST,
STRONGEST,
SAFEST,
AND BEST.

THE WINNER
OF THE
World's Highest Prizes

THE BUCKEYE MOWER can be justly regarded as the corner stone upon which the merits and reputation of the vast industries engaged in the manufacture of Buckeye Machines were first founded. From a product of fifty machines in 1856, the annual requirement has grown to fifty thousand. Years ago this demand has ceased to be limited by the boundaries of our own country. There is no region around the whole earth, where grass is cut and hay is made, in which the Buckeye Mower is not at the fore-front of all grass cutters.



BUCKEYE MOWER--ON THE ROAD.



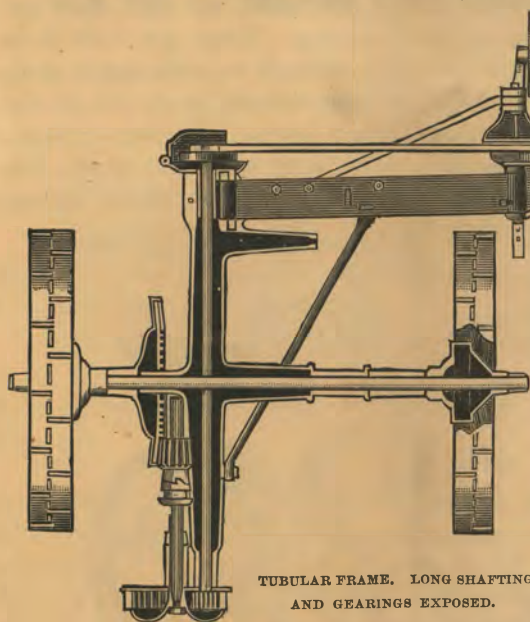
THE BUCKEYE MOWER.

The immense sale and popularity of the Buckeye Mower, at home and abroad, show that it is regarded as superior to all others in efficiency, lightness of draft, and convenience; also, that it is the most durable and economical; in short, the best made grass-cutter in the market. The Buckeye's wonderfully simple gears; its light, tubular frame; its long shafts; the unequaled simplicity and handiness of its pitman connections; its hollow, steel-faced guards, and its unique folding device are all peculiar to it. No other mower approaches it in durability, convenience, or safety.

THE GEARING on the Buckeye is at once the simplest and most durable to be found on any mower. Only four cog-wheels are used. Other mowers have six or more. Our gears are high off the ground, against the frame, and are shut in from dirt. Our first and slowest speed is transmitted from the axle through bevel gears, and the last and fastest speed through straight, or spur gears. That spur gears will stand twice as much wear as bevel gears is an established mechanical principle.

The arrangement of the Buckeye bevel gear is such that all wear and lost motion can be taken up, and the mesh remains firm and accurate as long as the machine lasts.

TUBULAR FRAME AND LONG CRANK-SHAFT. In the face of



TUBULAR FRAME. LONG SHAFTING
AND GEARINGS EXPOSED.

the universal effort to cheapen the construction of mowing machines

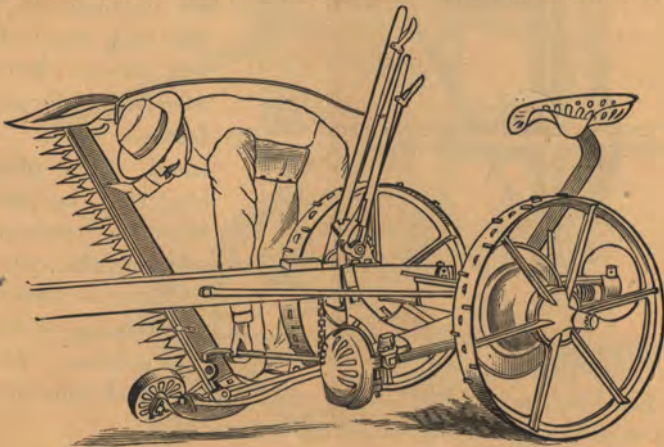
we continue to furnish this long crank-shaft on our New Buckeye Mowers. Experienced farmers well understand the advantages conferred by this long shaft in DURABILITY, STEADINESS, AND LIGHTNESS OF RUNNING. The rear bearing of this shaft runs in brass. The front

bearing has long, adjustable boxing which is the perfection of convenience of adjustment, solidity, and long endurance.

THE BUCKEYE PITMAN, with its hooks, are all made in one piece, which is **LIGHT, SIMPLE, AND INDESTRUCTIBLE**. The upper hook, instead of being fastened by a bolt to the outside of the crank wheel, passes right through the wheel, where its play is against a brass-lined box. The lower hook passes through the knife head. This pitman never has given the farmer the slightest trouble. The durability of our pitman is partially due to our long crank-shaft which furnishes a bearing at that most important connection, which is **ABSOLUTELY PROOF AGAINST ALL QUIVER OR JAR**. The crank-wheel is protected by a shield.

KNIFE-HEAD.—Incomparably the best knife head is that on the Buckeye, a large steel eye furnishing a large bearing for the pitman-hook. It can't get out of order. Friction wear is reduced to a minimum. Buckeye knives, like others, have sometimes to be renewed, but not from any impairment of the head, which, if oiled properly, will outlast any knife.

REMOVING KNIFE.—The play of the knife back and forth in the cutter-bar is limited by the width of the flanges, or bearings on the inside shoe. Here the knife is held immovably to its place by these flanges, which constitute part of the shoe casting. There is no pitman-latch, hinge, pin, bolt—**ABSOLUTELY NOTHING TO GET OUT OF ORDER** and stop work when work is pressing. When the knife is to be taken out, throw the levers back just enough to raise inside shoe from the ground, lift bar and take out pitman-hook, as shown in the cut. No tool of any kind is needed. As a mower knife has to be removed often for grinding, repairing, and storing when not in use, this facility for its removal from its firm and accurate adjustments is a feature of the Buckeye which is greatly prized.



REMOVING KNIFE.

THE CUTTING APPARATUS is the most important part of the machine. The work required of it warrants the use of only the very best material and the nicest regard to all its adjustments. In both of these particulars, and in the durability, and in the quiet, easy, and efficient working of all its parts, the Buckeye Cutters are very far superior to those furnished by common mowers. The bar is of cold rolled iron. The guards are of the best quality of wrought iron inlaid with a steel plate which has a concave cutting surface.



BUCKEYE GUARD.

This concavity greatly **REDUCES THE FRICTION** of the knife over that caused by guards with flat bottoms. That part of the guard coming in contact with the edge of the knife being well-tempered steel forms a **PERFECT SHEAR CUT**. The shape of the guard is such as to sled it smoothly over the surface, and, at the same time, to avoid rooting into the ground, even when shaving off the waste tangled clover to the very roots. The cutting surface of the guards and the finger-bars are **PLANED SMOOTHLY** on all completed cutter-bars for Buckeye Mowers, Reapers, and Binders, **AFTER THE GUARDS HAVE BEEN ATTACHED**. This is done by special machinery, possessed by no other house, and is an extra precaution in the interest of the purchaser that is taken by no other manufactory.

KNIFE-BACK — DURABILITY.—The Buckeye is the most durable of mowers because it is mechanically superior to all other mowers. A mower, like every other machine, is as durable as its weakest part.

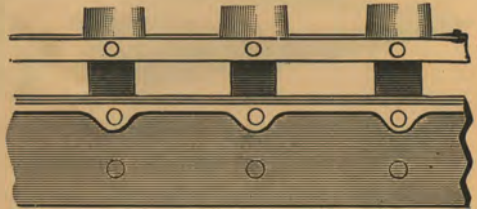
For instance, if for any reason the knife-sections of a mower fail to be kept forward, and down firmly and evenly upon the cutting edges of the guards, then the mower has lost its value—its durability is at an end.

The rapid vibration of the knife entails great friction. If this friction of the knife-back is against three or four small clips or bearings, then the knife will be forced back, and away from its proper cutting bearings upon the guards. If the knife-back bearing is against the bar then the durability of the cutters would be greater. But even in this case the cutters will soon commence to do their work imperfectly, and, long before the machine has done half the average duty which the pur-

chaser has a right to expect of it, the front edge of the bar will have been worn beveled or rounding, his cutting is poorly done, and at a great waste of horseflesh. The bar cannot be replaced short of a heavy



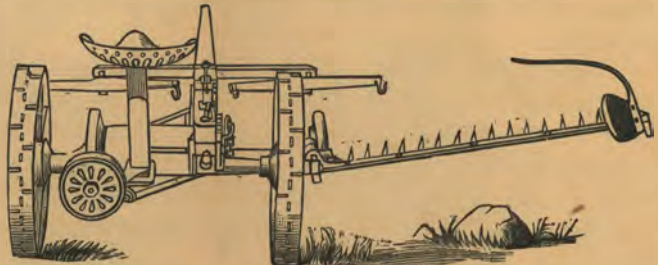
repair bill. On the Buckeye Mower both of these defects, which, in one form or the other, are common to all other mowers, are completely obviated by our **FRICTION STRIP**, above shown. This strip doubles the durability of this vitally important bearing. As soon as the Friction Strip shows signs of wear, or the cutting-sections and guards cease to effect a perfect shear cut, the Friction Strip is easily and quickly renewed. Its cost is thirty cents. By means of this little device the perfect action of the Buckeye Mower is assured for the total life of the longest-lived mower the world has ever seen. And not only is the effective durability of the machine doubled, but the draft is kept at the lightest point, for nothing wears upon machine and horses like loosely fitting cutters.



HEIGHT OF CUT.—To make smooth and easy cutting the knife should enter the grass on a line parallel with the surface. The Buckeye Knife can, by means of shoe-slides, be firmly fixed at any desired height. In addition to this, however, it is provided with a perfect tilting device. This enables the driver to float the bar easily over stones, tussocks, and other obstructions, and to comb up and cleanly cut off all the grass in the worst places.

PASSING OBSTRUCTIONS.—By means of a lifting lever both the coupling and cutter-bar are lifted high up for passing over stumps and large stones.

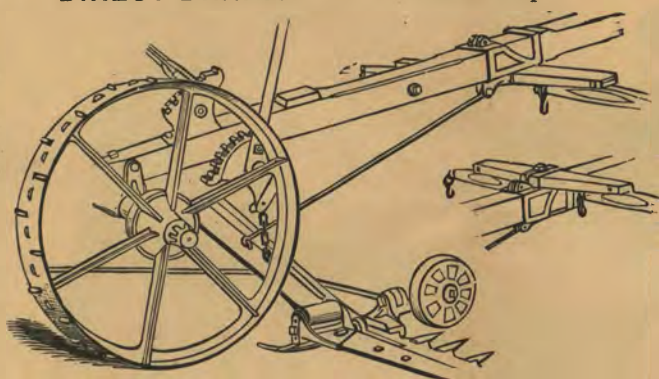
This cut was made from a photograph, and correctly indicates the relative height to which the bar may be raised.



LIFTING BAR.

FOLDING THE BAR.—The cut, on page 13 shows how the Buckeye bar is folded. This is a Buckeye feature of world-wide familiarity. It is done in an instant, and makes the machine safe as a wagon. No other mower folds the bar in this manner.

DIRECT DRAFT.—The Hammer-Strap slides on the tongue, but



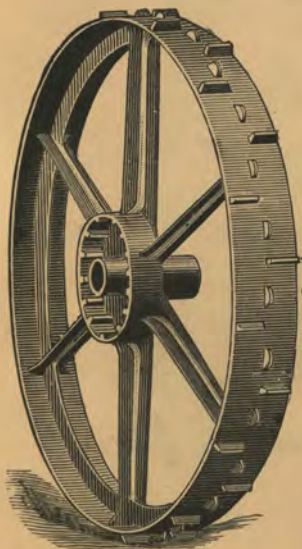
is not fastened to the tongue. A simple draft-rod connects the strap to the bar. The **LINE OF DRAFT**, therefore, from the cutters to the hames is **ALMOST A STRAIGHT ONE.**

SLIDING HAMMER-STRAP AND DIRECT DRAFT.

THE BAR IS PULLED—NOT PUSHED.

THE DRIVING-WHEEL is high, light, and strong. Lugs are cast crossways and lengthways of the tire to take jar off of the machine on the roads, and to give it a secure grip on the ground, also preventing it from slipping sideways on hillsides.

There is no cog gear upon the wheel. Ratchets are so arranged as to give instant action to the knife in going for-



DRIVE WHEEL.



SEAT AND SPRING WITH KEY SEATS.

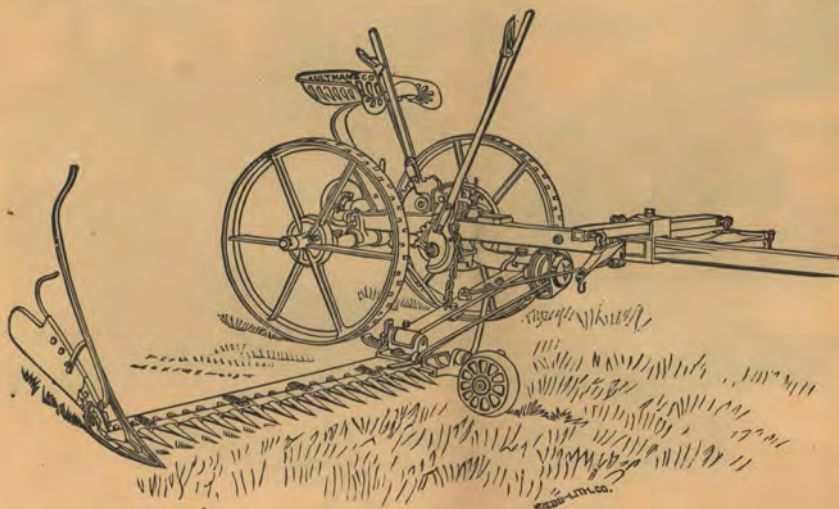
wards, but are always out of gear in moving backwards.

SEAT.—The Buckeye has an easy riding, **COMFORTABLE SEAT**, supported by a **STEEL SPRING**. This spring has several key-seats, both at top and bottom, so that whether the driver is heavy or light, his weight may be made to bring the machine to a **PERFECT BALANCE OVER THE AXLE.**



THE BUCKEYE No. 4 MOWER.

Our Little No. 4 Buckeye Mower.



This light machine has gained a host of admiring friends for the time it has been before the public. In many localities it is the established favorite.

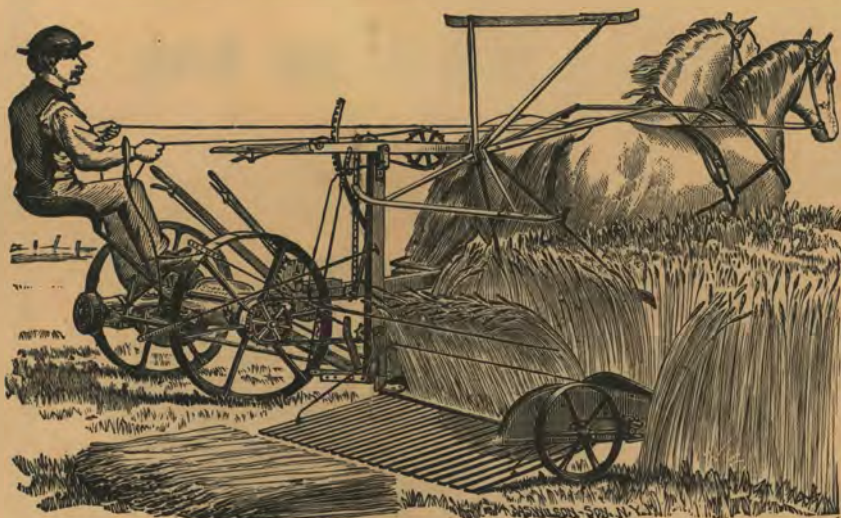
As a matter of fact, no mower ever made by the hand of man is better calculated to give entire satisfaction to farmers who wish **A LIGHT, INDEPENDENT MOWER.** In building our No. 4 Buckeye we have aimed to meet a demand for

An Extremely Light Mower,

And one which shall be worthy of the high reputation of the Buckeye.

The main points of difference between the No. 4 and the No. 1 Buckeye are that the former has a lighter frame and a shorter crank shaft. In most essential respects it resembles the New Buckeye, retaining the tilting and lifting levers, the tubular frame, the sliding hitch, and folding device.

Farmers desiring a very Light, Strong and Durable Mower, Built in the Best Possible Manner, will do well to examine our neat little No. 4 Mower.



THE BUCKEYE DROPPER.

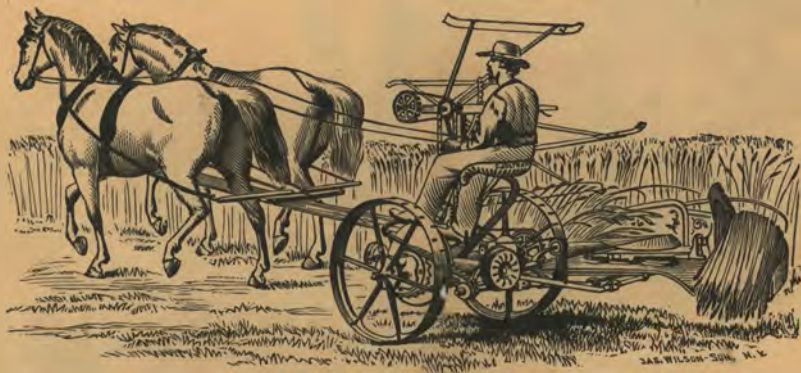
THE LIGHTEST AND SIMPLEST OF REAPERS—SUITABLE FOR
ALL CROPS IN ALL CONDITIONS—HANDY
AS A MOWER.

On hilly farms, and wherever more grass than grain is raised, the economy of buying one machine capable of doing both kinds of work is manifest. In such conditions

The Buckeye Dropper Stands Unrivaled.

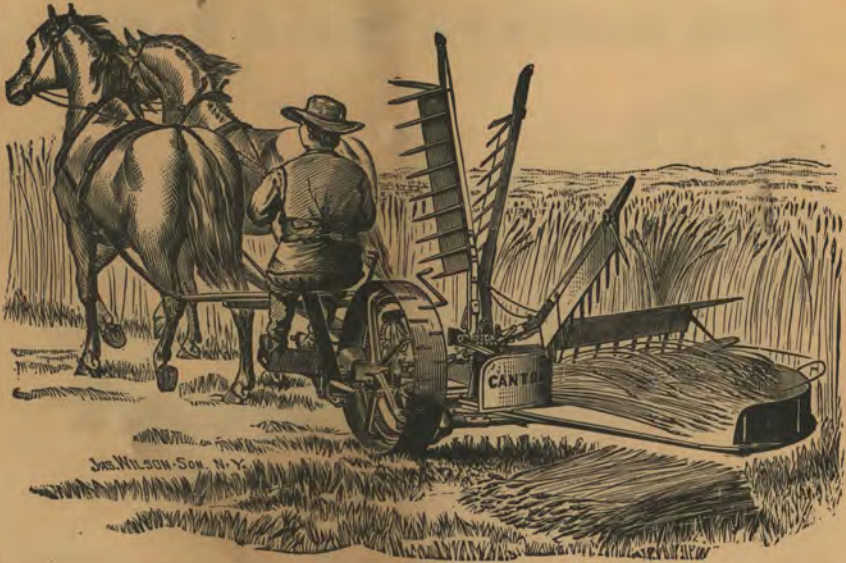
It deposits the grain in the rear of the machine in sheaves of proper size for binding. It has **TWO CUTTER-BARS**, one for mowing and one for reaping. The change from mower to reaper, or *vica versa*, is **MADE EASILY** in a few moments. It has **A LIGHT, STRONG REEL**, which is adjustable to standing or fallen grain. It is without neck weight or side draft. As a mower it has all the advantages of portability, light draft and durability, which have made the Buckeye famous the world over. The Buckeye Dropper is the easiest machine to handle, its work is equal to the best, and it is the least expensive of harvesting machines.

THE BUCKEYE TABLE RAKE.



The Table Rake is an Automatic Side-delivery Reaper, and is built and sold either as a Single Reaper or in combination with the Buckeye Mower. It consists of an ordinary quadrant platform, with a fork on the end of a jointed arm, which sweeps around a vertical axis in the centre 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, delivering a bundle every thirteen feet. It is always under the control of the driver, and can be stopped or started at any point by means of a lever worked by the driver's foot. In thin grain, and at the corners of the field, the bundles can be carried as far as desired before dropping.

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, the favorite machine in some of the richest farming districts of the Union.

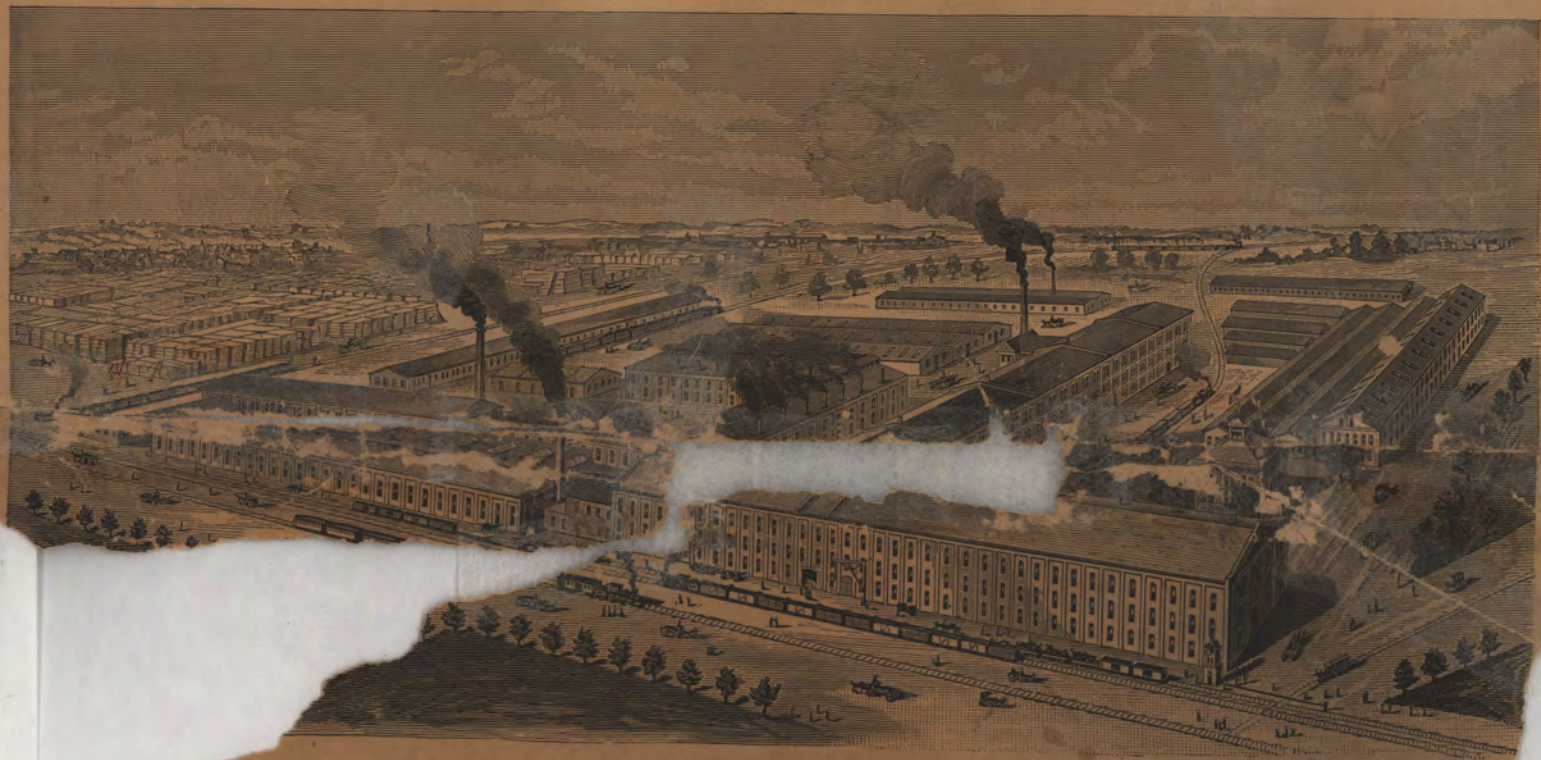


THE CANTON REAPER.

The Canton Reaper, which is now being manufactured by C. Aultman & Co., is a reaper which presents a very remarkable combination of strength and durability with lightness and facility in handling. It is a single-wheeled machine, and, being designed only for harvesting grain, is as simple a machine as can be made, and is undeniably the lightest-running and most durable and convenient single-wheeled reaper in the market.

The cutters are in front, and the seat in the rear. The balance is perfect, and there is neither side draft nor weight on the horses' necks. The drive-wheel and grain-wheel are in line, so that there is no trouble in backing or turning. The gears are well protected. Both ends of the platform are raised or lowered alike to any desired height. Tilting, to take up down grain, is done with the greatest ease. None of these operations require a stoppage of the machine. Gavels are delivered at regular intervals, automatically, or may be sized by the driver's foot, at will.

Its light draft, still running, ease of handling, safety, strength and handsome appearance will make it a favorite wherever such a machine is preferred. It is capable of long service in heavy crops, and is, in all respects, the most perfect reaper of its kind ever put upon the market.



WORKS OF C. AULTMAN & CO., CANTON, OHIO, U. S. A.

