



THE BUCKEYE

C. Aultman & Co.

CANTON, OHIO.

FOR SALE BY
GEO. IFFT & SONS, Evans City, Pa.

MADE BY HAZEL & OTTMANN, LITH. N.Y.

BUCKEYE

HARVESTING MACHINES

MANUFACTURED BY

C. AULTMAN & CO.,

OFFICE AND MANUFACTORY, CANTON, OHIO, U. S. A.

OFFICERS

LEWIS MILLER, Prest.

HENRY C. FOGLE, Sec. and Treas.

JACOB MILLER, Supt.
Managers.

Branch Offices and Principal Depots.

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NOTE.—Letters of inquiry for prices of our different machines and terms of sale, and applications 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.

C. AULTMAN & Co. invented the Buckeye in 1856, and have made and sold Buckeye Machines in ever increasing numbers from 1857 to 1884. The machine product of the Buckeye Shops for the harvest of 1883 considerably exceeded that of any previous year, and the stock, notably of Mowers and Binders, was far too small to supply the demand. The Buckeye Mower is the only harvesting machine in the world that was in existence twenty-seven years ago. No warranty, however broad, and no collection of printed pages can furnish such a solid guarantee of superior excellence as the facts above stated. The great Buckeye factories, employing thousands of skilled mechanics, and the vast extension of the Buckeye interests into all the grass and grain growing portions of the globe, constitute a striking proof of the endorsement and approbation of the Buckeye, year after year, during twenty-seven years. The splendid success of the Buckeye is due, first, to the invention by C. Aultman & Co. of the first really practical harvesting machines in the world; second, to their policy of furnishing only the very best machines in every detail of workmanship, material, and mechanical merit; and, third, to the continued preference of the farming public for our machines.

Owing to the immense growth of the Buckeye industries, two other manufactories, second in importance only to the parent house of C. Aultman & Co., have, one after the other, built up great enterprises in the manufacture of Buckeyes. One of these, singly made and sold twenty-five thousand Buckeye Machines in 1883 alone.

For the harvest of 1884 C. Aultman & Co. are able to present to the farming public an equipment of harvesting machines more complete than any that was ever furnished by a single house. It will include:

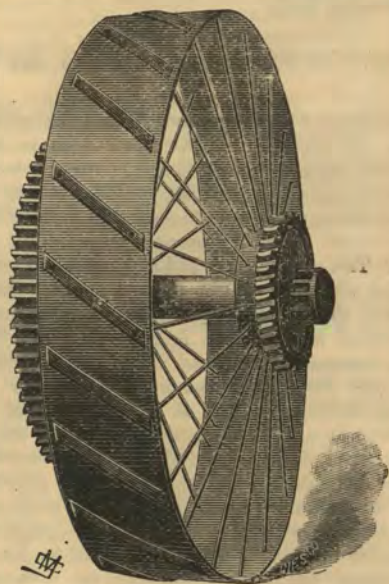
BUCKEYE ELEVATOR BINDERS, BUCKEYE PLATFORM BINDERS,
BUCKEYE MOWERS, BUCKEYE TABLE RAKES,
BUCKEYE DROPPERS, CANTON REAPERS.

In the following pages the reader will find illustrations and concise descriptions of each of these machines.



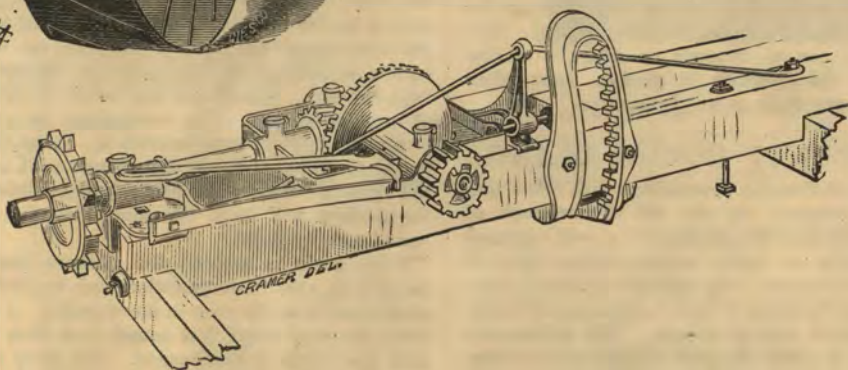
THE BUCKEYE TWINE BINDER.

THE BUCKEYE ELEVATOR BINDER.



OUR HARVESTER.

In respect to lightness, strength, capacity, and perfect balance over the drive-wheel, the Buckeye Harvester quickly impresses the disinterested examiner with the validity of its claims to great superiority over other machines of its class. Thousands of most vexatious break-downs of wooden drive-wheels in mid-harvest are sufficient proof that this wheel, the source of power on an elevator binder, should be only of iron. The Buckeye's wheel is all iron. This style of wheel has been thoroughly tested, not only for the purpose to which we put it, but it is used on heavy steam fire engines, which are drawn at a terrific speed over the rough pavements of our cities. Instead of being the first thing to break it is the last, as should be the case with so expensive a member of the machine. Please compare this wheel with the clumsy, perishable wheels furnished on other machines.



THE GEAR FRAME OF THE BUCKEYE

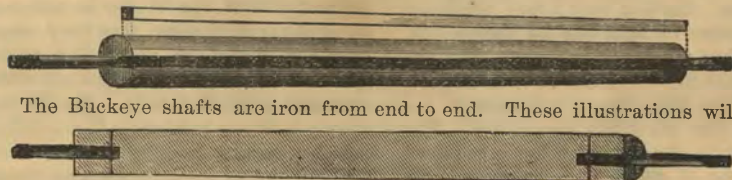
Is far stronger than on any other harvester (as will be quickly seen by comparing them). It is strengthened by a truss rod. The Buckeye gears will never be forced "out of mash."

THE GEARING OF THE BUCKEYE

Is on the inside, and well protected from the mud and straw which frequently choke up the wheels of machines having their gears on the outside.

THE ELEVATOR AND PLATFORM ROLLERS.

Also compare the Buckeye roller shafts with those on other harvesters. The latter are simply short iron gudgeons driven into the soft wood. Some machines make great merit of the fact that this short part entering



the wood is square. The Buckeye shafts are iron from end to end. These illustrations will give the reader an

idea of the expensive and painstaking effort put forth by C. Aultman & Co. in order to furnish their patrons a machine that would leave absolutely nothing more or better to be desired.

THE CUTTING PARTS.

Extreme care is taken with the cutting parts. A new end box is used for pitman and sway-bar. It has a ball joint giving motion in both directions, greatly reducing the wear and liability to breakage of the sway-bar. The guards, which are of malleable iron, with a ledger plate of steel, are riveted to a "Z" shaped bar. The latter is of cold-rolled iron, and its shape insures that unyielding rigidity which is a guarantee of the utmost possible durability for this important part of the machine. This "Z" bar also permits the platform canvas to run closer to the guards than is possible on any other harvester, thus enabling the machine to handle the shortest grain, and to deliver the same in good shape to the elevator.

THE BUCKEYE ELEVATORS

Are self-adjusting. They will not be choked by any condition, or any quantity of grain, and will elevate any crop perfectly well, no matter how long or how badly tangled. Where other binders have failed in this respect, get a Buckeye and you will have no further trouble.

THE BUCKEYE CANVASES

Are made for C. Aultman & Co. by mills having the highest reputation, and are unexcelled in quality. The durability of the canvas depends considerably on the care taken by the operator to slacken them when moistened by heavy dews or wet from rain.

CONVENIENCE IN HANDLING.

The Buckeye challenges comparison with other machines in this respect. By the aid of our book of directions farmers have frequently set up and operated the machine during an entire harvest without hint or help from agent or expert. The machine is placed at the proper height for the grain to be cut, by means of hand-cranks at the inner and outer ends. This adjustment is quickly made, is rarely changed for one day's cutting, and sometimes remains without change for a whole season.

The **TILTING LEVER** enables the driver, without leaving his seat, or stopping his team, to change the height of cut to suit the condition of the grain.

The **REEL** is also completely adjustable, so that the driver, without stopping, can easily raise or lower the reel, or move it forwards or backwards to suit the ever changing requirements of the grain and ground.

LIGHTNESS OF WEIGHT AND DRAFT.

The Buckeye is the lightest and handsomest of all the binders in appearance. Certain very heavy machines make extravagant claims to lightness for themselves, and heaviness for other machines, in print. For the verification of our claim to superiority in this respect, C. Aultman & Co. invite intending purchasers to examine and compare the machines personally. The weight of the Buckeye is the sum of what is required to give to every piece of which it is composed, the strength needed to perform the duties for which it was designed, and not one pound more. Its best posted

owners are unanimous in declaring it to be as light as any other binder, and lighter than most of them; and that its draft is lighter than that of any other binder in the field. This has also universally been the result of dynamometer tests.

THE BUCKEYE BINDING APPARATUS.

The operation of the **BUCKEYE TWINE BINDING ATTACHMENT** is very simple. As the cut grain is discharged from the elevator of the harvester it is taken by two arms driven by cranks, called packers. The function of these packers is to pack the grain which is delivered by the elevator aprons into a bundle ready for tying. The grain is packed against a trigger. At the moment when the weight packed against the trigger exceeds the reacting pressure of a spring the bundle is sized, and a catch is released which throws the tying apparatus into gear. The arms from both sides at once close upon the bundle of straw, compressing it tightly, so that at the moment of tying there is little, if any, tension on the string. All grain is cut and saved, none is wasted, and the butts of the bundle are brought evenly together by an adjuster or butter. The butter is an endless band running over two rollers placed at right angles to the platform in such a way as to aid delivering the grain to the compressors, so that the butts of the sheaf are more or less square, and the sheaf always tied at the same distance from the end. The binder can be set to bind a bundle of any desired size. The tension can be altered so as to bind as tightly as can be wished. After the machine has been prepared to do the work in such a manner as the operator may wish, every bundle delivered from the machine will be of the same size, and all will be bound equally tight.

If the grain is tangled, the packers straighten out the straws, and, in conjunction with the butter, a very good sheaf is made even in down grain. A drop table holds the sheaf until it is bound, and then falls down until the bundle is discharged. The slow and regular motion of two arms forces the bundle gently away from the unbound grain, without wasting or shelling ripe grain. The distance the bundle has to fall is small, so that the separation is as neat, economical, and perfect as it can possibly be.

THE BUCKEYE KNOTTER.

The knot-tying apparatus is very durable. All the small working parts are made of cast steel. It remains entirely at rest while the packers are collecting the bundle, after which it is the operation of only a moment to put on the band.

A more elaborate mechanical description of this important part of our binder is not required. But few farmers are so situated that they cannot see it if they have a wish to do so, and a few minutes personal inspection are worth more than any number of pages of cuts and printed details. Binder makers have been known to try to bolster up the infirmity of their knotters by issuing lengthy descriptions, the design of which is not so much to show up the goodness of their own knotters as the badness of their competitors' knotters. In practical field tests, the Buckeye has never

been side-tracked by one of these machines. But the contrary has happened so frequently that our faith in the superiority of the Buckeye knotter, after three years of experience, is absolutely complete. Out of over twenty thousand of these devices which have been in use from one to three harvests, if there is a single one that has failed to do first-class tying, both as to regularity and tightness, and in a manner to completely satisfy its owner, we have never heard of it. That's the record, and, until one can be shown at least equal to it in merit, the Buckeye may justly claim to furnish to its patrons the most durable and reliable knotter in the field.

This binding attachment has now been used through six harvests, and has given the best satisfaction of any twine machine yet constructed. In connection with the Buckeye harvester, it is the most efficient, reliable, and durable twine machine made.

It is entirely automatic, leaving the driver only his team to look after.

It is the lightest and strongest binder in the field.

A binder shifter enables the driver to place the band just where he wants it without stopping the machine.

The bundles are all made any desired size, and exactly the same size, and are all bound as tight as the driver may wish, and all equally tight.

The packers make quite a neat sheaf, even out of tangled grain.

It does not get out of time.

There is no gear to be looked after, as the binder mechanism will only start when the required quantity of grain is under the packers.

The wear is small, as the binder works comparatively only a small part of the time.

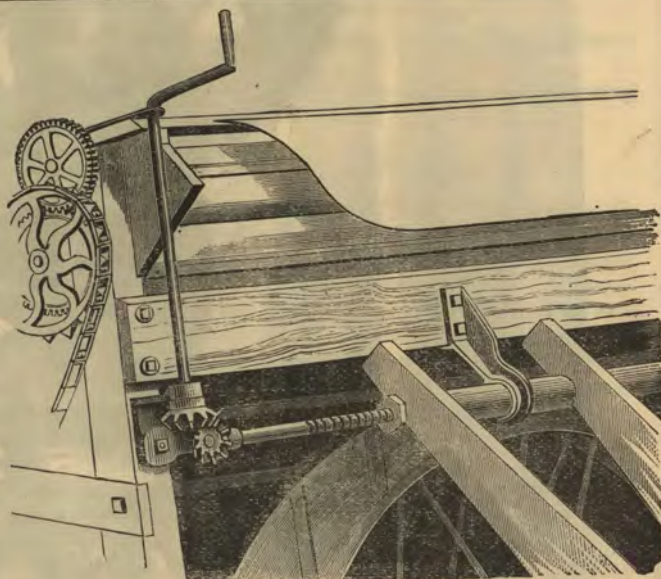
No grain is wasted.

The twine is not strained in compressing—that is done by the machine. The compressor is very simple, and its opera-

tion is perfection itself. Hence the twine need be only strong enough to make a reliable band. No machine is more saving of twine, and none can use a lighter twine.

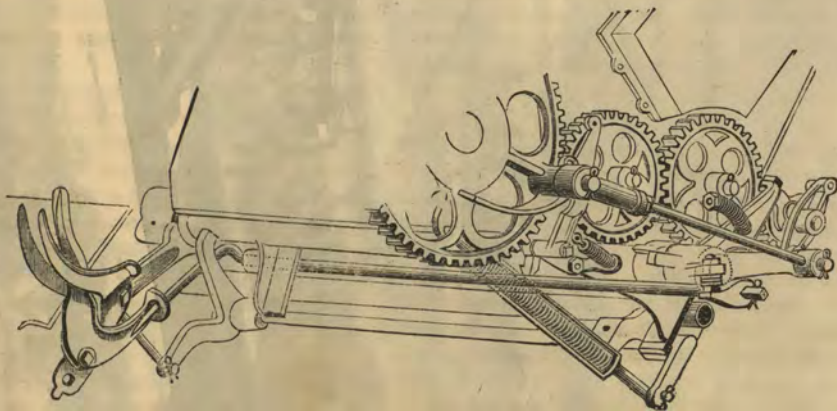
The separation is perfect, whatever may be the condition of the grain.

A man who can run a dropper can run this binder—in fact, it leaves the driver much less to do than many reapers, for the machine is automatic, and controls its own operation entirely.



THE BINDER SHIFTER.

The above cut shows the ease with which the driver can shift the binding attachment, and put the band just where he wants it, all without stopping the machine. It cannot get out of order, and could not possibly be more convenient.



SIZE OF BUNDLES MADE BY OUR TWINE BINDER.

By a glance at the above sketch it will be observed that the trigger for sizing bundles can be set back, admitting a larger bundle. At the right end of the rock-shaft operated by the trigger the fulcrum is sufficiently adjustable to give the operator considerable range in sizing his sheaves. The range is again considerably enlarged by the nut, forcing more or less pressure

against the coil spring which holds the latch in position. No one of these parts is in any danger of wear or displacement, and they give the operator all the range in sizing his bundles that any condition of his crop may require; and whatever the size of the bundle, all are separated and discharged with equal certainty and precision, and without any waste of grain.



THE BUCKEYE PLATFORM BINDER.

THE BUCKEYE PLATFORM BINDER.

The features that most strikingly distinguish the Buckeye Platform Binder will be made obvious by a glance at our illustration. It is a lower, narrower, and lighter machine than the Elevator binder.

It will pass in a straight line through a ten and a half foot gate; by going angling it can be drawn through a still narrower space.

It is readily handled by two good horses, and is as easily manipulated as any other binder. The following points will show the

COMPLETENESS OF THE DRIVER'S CONTROL.

The Raising and Lowering of the entire machine is done, without stopping, by a hand wheel within the driver's reach.

It Binds Automatically, same as the Elevator Binder; but if the driver wishes to make smaller bundles, a foot trip enables him to bind his sheaf at any moment.

The Butter straightens up the butts of the straw, and may be moved so as to regulate the place of putting on the bands for longer or shorter grain. The driver has also, at his hand:

The Lever for throwing the machine *in and out of gear*,

The Tilting Lever, for taking up down grain, and
The Reel Lever, for placing the reel where it will best aid in saving the crop.

The points on the machine which proved to be too weak last year—which was the Buckeye Platform Binder's first season in the field—have been materially strengthened.

The Angle-Iron Cutter Bar secures for that part the needed strength and rigidity. To it are riveted the guards of malleable iron, with steel ledger plates. With this bar **the Canvas moves very near to the Guards.**

The short lift that is required to elevate the grain over the drive wheel is performed by a system of tedders and packers which is exceedingly simple and most efficacious. Here is where the trouble with down and tangled grain begins, and it is due to the peculiar construction of this part of the machine that the Buckeye is the only down binder that **Handles Lodged Grain Successfully.**

Other platform binders do passable work in grain that stands up well, but, applying the saving and doing of good work in lodged grain as a test, the Buckeye is **THE ONLY SUCCESSFUL PLATFORM BINDER IN THE MARKET.** We would, in a general way, advise farmers raising large crops to get the Buckeye Elevator Binder; but we do this only because that machine has the greatest capacity. The amount of grain that can be cut with either machine depends largely upon the efforts put forth by the operator. The Buckeye Elevator Binder cuts a swath six feet wide, and the Platform Binder a swath five and a quarter feet wide. In practical operation the only difference between the two machines is a difference in their cutting capacity, both machines using the same binding attachment.

The Buckeye Platform's First Year—A Splendid Record.—Having thus described the Buckeye Platform Binder, we will now say a few plain words about the record made by it last year. We were well aware how greatly many farmers desired and needed such a binder, and we were just as certain that the Buckeye Platform Binder would fill the bill exactly. About twenty-five hundred were made and quickly sold, and four times that number might have been sold. Early in the season certain parts of some of these machines were broken. The weak parts were such as required certain conditions of ground or grain to develop the existence of. These have been remedied completely. We think our machine will not lose friends by our conceding that it was not perfect from the very start. We say frankly that it needed a season's trial in the field to mature the machine so that, in respect to durability as well as good work, it would be entirely worthy of a place alongside the other members of our Buckeye family. We shall more than **Double the Number of Platforms for 1884.**

As to its working qualities, they have aroused the most enthusiastic admiration from the beginning. No binder ever made passed through its first year so successfully as the Buckeye Platform. Only in exceptionally rare cases have the croakings against the new binder (by concerns and agents who had no Down Binder to sell) combined with the blandishments of very low prices for some otherwise unsalable machine, resulted in the success of the latter. And, rare as such occurrences have been in the past, the chapter recording them is now closed forever. Thrift, economy, and convenience in the methods of harvesting demand, on the part of many farmers, just such a machine as our Platform Binder. With the few exceptions referred to, our last year's machines have entirely fulfilled the expectations of their owners, and have been paid for with expressions of great satisfaction. We can name counties in which forty and fifty have been sold, where every binder after cutting the purchaser's entire crop, is today settled for. And the fact is most significant. It proves conclusively that a very large class are determined to have a platform binder, or none at all. To all such we say: See the Buckeye. Don't let the misrepresentations of the numerous concerns that have nothing but old-style binders to sell hinder you from examining our machine personally. That's all we ask.

THE BUCKEYE MOWER.

Nearly all farmers who live in sections where harvesting machines are much used have seen the Buckeye Mower. They will scarcely need to be reminded of the fact, now universally conceded, that this is the most graceful and elegant of all grass-cutters. It is also the most efficient and durable. It is almost noiseless in operation, and so safe and simple that it has, for a number of years, been practically impossible to change any part of it for the better. It has reached the very highest point in respect to lightness and light draft, strength and capacity for long and difficult cutting. We take pleasure in enumerating a few of its

POINTS OF EXCELLENCE.

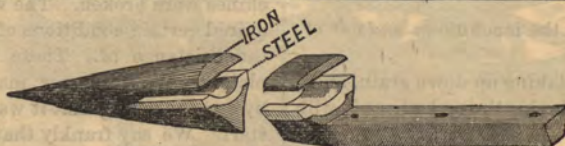
The original **Buckeye method of gearing** is unapproached in simplicity and sound mechanical principles. Only **FOUR COG-WHEELS ARE USED**, which are all carried high up from the ground, while the **DRIVING-WHEELS** are like the wheels of a cart, entirely **CLEAR FROM ALL COG GEARING**.

The first or slow motion is obtained by bevel gears, and the **QUICK MOTION** by **SPUR OR STRAIGHT CUT GEARS**. As it is a fact well known to mechanics that spur gearing is best adapted for high speeds, running more

when driving on the road may be seen by making a comparison with machines having a cog-gearing in the driving-wheels, which must always remain in gear, and, running close to the ground, cannot fail to be filled up with mud or sand.

The rear end of crank-shaft has a brass bearing; the front end has an adjustable box which permits wear to be readily taken up—a very important device which is found only on the Buckeye, being patented.

The Double-jointed Coupling of the Buckeye



Wrought-Iron Steel-Faced Guards are used on the Buckeye. They are made of the best quality of wrought iron inlaid with steel, with concave cutting surface, greatly reducing the friction of the knife and the draft of the machine; while that portion of the guard coming in contact with the edge of the knife, being well tempered steel, forms a perfect shear-cut and renders clogging impossible. By the use of improved machinery, these guards are produced with great uniformity and regularity of finish.

smoothly and truly, the **BUCKEYE** has a great advantage in this respect over all machines which get their first, slow motion from spur gearing in their driving-wheels and are obliged to use bevel gears for their quick motion.

The **GEARS** on the **BUCKEYE MACHINE** are always in the **SAME LEVEL POSITION**, unaffected by any movements of the cutting apparatus, and the motion given to the knives is of an unvarying regularity.

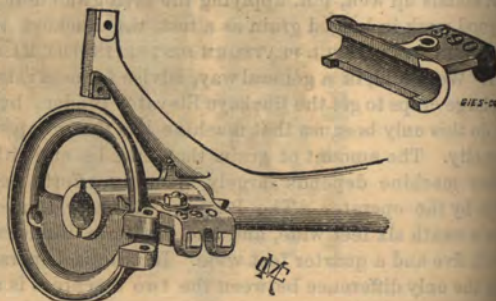
The different parts of the **BUCKEYE** gearing are very accessible, and any separate piece can be replaced at small expense or trouble, which is a matter worthy of the consideration of a farmer when purchasing a machine.

The **BUCKEYE GEAR** is all placed at the corner of the machine which is furthest removed from the cutting apparatus, balancing the machine and obviating side draft.

Ratchet-wheels are keyed fast to the main axle of the **BUCKEYE**, and the pawls which work into the ratchet-teeth are operated by the simplest form of a flat steel spring, by which they can be instantly thrown in or out of gear. **THE WHEELS TURN INDEPENDENTLY ON THE AXLE, THE SAME AS A CART-WHEEL**, and none of the gearing is moved. The great advantage of this feature

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

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



ADJUSTABLE BOX FOR CRANK-SHAFT.



THE BUCKEYE MOWER AT WORK.

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

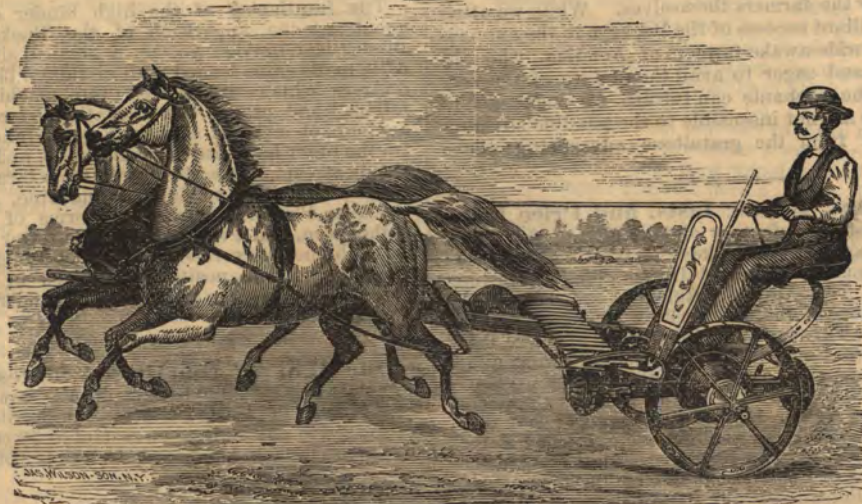
The Tilting-Lever enables the driver, without stopping his horses, to throw the points of the guards down to take up lodged grass or grain, or to raise them so as to pass over bogs or stony ground.

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

Lightness of Draft.—Side draft and weight on the horses' necks are entirely obviated in the Buckeye by the perfect manner in which the machine is balanced, while the direct or forward draft is reduced to the lowest point practicable.

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

The Buckeye is made as a simple mower; also as a combined Mower and Reaper, in combination with either the Buckeye Table-Rake or the Buckeye Dropper, as the purchaser may prefer.



THE BUCKEYE MOWER FOLDED FOR TRANSPORT.

Left-Handed Advertising.—In preparing printed descriptions of their machines for the information of the farming public, C. Aultman & Co. do not mention the names of their competitors disparagingly or otherwise. A number of the latter, however, pursue the contrary course, and hold up the Buckeye to their readers as a most conspicuous example of badness. One of these, the heaviest of all the binders by actual weight, as taken by committeemen at trials time and again, but which speaks of itself as the "Little——," sends out a long article on the Buckeye under the caption "Do you want to buy a horse-killer?" which is the reverse of flattering. Another concern which claims to be doing a big business, and says that the cord it sells, if stretched out, would reach to the moon four times, declares that some fellow pronounces the Buckeye a "total failure"; and it improves the occasion to give the poor farmer its solemn warning. Still another party that has "simplified" itself in a way to remind one of the famous Georgia uniform—a shirt collar and a pair of spurs—actually prints page after page of rather dry argument to prove that the Buckeye is an apparatus to be shunned. And still another, and a real spurred knight of the Legion of Honor at that, smites the Buckeye under sixteen heads, and scatters the (supposed to be) baneful document by the million. Now these, and other similar performances, have surprised us not a little. Such methods are at variance with business propriety as well as good judgment, for, instead of gulling farmers, they, in nine cases out of ten, arouse a desire to know what there is to be said on the other side. The farmers themselves gave the lie to this entire batch of malignity in the most stunning manner, viz., by buying our stock clean out so early in the season that, as late as June 10th, the works started in on a new order of 1,000 Mowers, 500 Elevator Binders, and 500 Platform Binders. Our fifteen hundred agents will confirm the fact that after the above date they had either to wait for machines or do without altogether. We may also mention the fact that, including this year's output, the gross sale of complete Buckeyes will foot up more than HALF A MILLION MACHINES, which is more than one-fourth of the total number of all the harvesting machines that have been made in America. No stronger proof of positive superiority is possible—and this is furnished by the farmers themselves. While we attribute the brilliant success of the Buckeye to the appreciation of the wide-awake farmers of America, who are ever quick and eager to avail themselves of the very best helps the mechanic can furnish, we ought also to add that we are not insensible to the possible advantages derived from the gratuitous advertising above referred to.

Catalogues, Repair Lists, and Price Lists.

—In the vast manufactory of C. Aultman & Co., at Canton, Ohio, are made Buckeye Harvesting Machines; also a full line of Steam and Horse Power Threshing Machinery. Two Annual Catalogues are printed, the one explanatory of their Harvesting Machines, and the other of their Threshers, Engines, etc.; also two Price Lists, and two Repair Lists. Persons desiring either of these documents should, in their letters, clearly state their wishes, by naming the Buckeye Catalogue, Price List, or Repair List, if that is what they wish. Also name the Thresher and Engine document if that is desired. We are constantly receiving applications for Catalogues and Price Lists in which this precaution is omitted. Persons wishing Repair Lists often ask for Price Lists. Say plainly just what you want and your request will be promptly complied with.

Improvements.—So much is claimed for this or that "improvement" by various manufacturers, that, in trying to make choice of a machine, the purchaser must often be confused. "Improvements" do not always improve, and those that are announced with a big flourish about the eve of the selling season, may prudently be regarded with especial suspicion. The Buckeye, in its various forms, as made by C. Aultman & Co., is described in this Catalogue. As there must be from two to three hundred thousand Buckeyes in the hands of farmers who have cut one or more seasons with them, a personal knowledge of our machine must be widely available. Where it is possible we advise any one needing a mower, reaper, or binder, to get the opinion of a farmer who has used the Buckeye, and, if possible, to see the machine work. We print no testimonials in this Catalogue, but we have received a very large number, and will take pleasure in sending copies to any address. Where the Buckeye has been introduced it has easily won its own way against all competition except that of the low-priced machine character—and of all the dear merchandise in this world a low-priced harvesting machine is the very dearest.

THIS is the season of the year when the reaper gets in its work. Not only in the harvest of the crop, but in too large a harvest of death. Almost every day brings reports through the press of serious or fatal accidents through persons getting or being thrown in the way of the reaper. Too much care cannot be exercised by the farmer in the use of this valuable, but at the same time dangerous implement.—*Farmers' Review*, Chicago, Aug. 2, 1883.

The advice of the *Review* is most wholesome. The care exercised by the farmer should begin with his choice of a machine. If he buys a rear-cut machine, he becomes an available candidate for admission into the caravan that is ever moving forward into the realm of mystery. If the cutters are in front and the gearings encased, as on the Buckeye, it is impossible for a serious accident to happen by any fault of the machine. But if the cutters are behind, the slightest accident or interruption may end in a horrible tragedy, or the next thing to it.

THE frantiness of the high binder concerns and agents at the apparition of the Buckeye Platform Binder last harvest got up a comical situation. The daily mails came loaded with circulars, pamphlets, and dodgers which pronounced the machine a "total failure," and proved the allegation by reprinting the contents of a postal card from some fellow in Texas. On the other hand, in the same mails, and in a full and steady stream, came the letters from farmers who had bought and were using the machine, praising the Buckeye Platform Binder in terms of the greatest enthusiasm, and even of gratitude. Our gentlemanly rivals humorously refer to it as a "Very low down machine." The position suggested is a good one, because it gives the Buckeye the "under holt" which it proposes to keep.

Our Map of the United States.—This very complete and valuable Geographical, County, and Railroad Map of the United States and Territories, will be expressed to any address on receipt of 50 cents. Size 3½ by 5 feet, mounted and ready to be hung on the wall.

Buckeye Harvest Rhymes.—An A B C Primer, with handsome lithographed cover, attractive for children of any age, mailed free.



THE BUGKEYE TABLE RAKE.

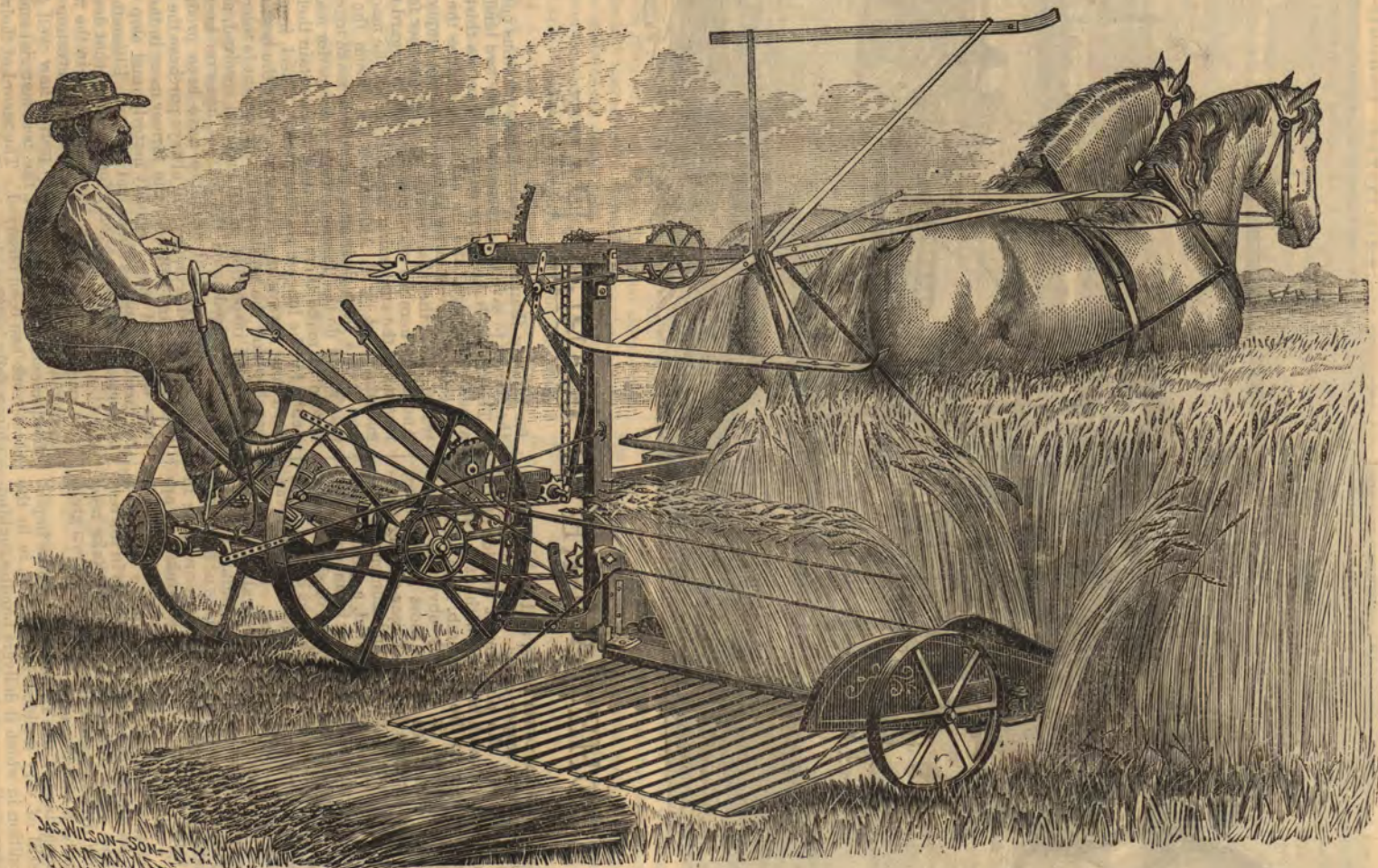
The Table Rake has fewer parts, and is the simplest form of side-delivery reaper made. The cutter-bar is in front, which brings the platform at the side of the driver, where he can watch his work without the slightest trouble. Danger to life and limb, from falling in front of the cutter-bar, is entirely obviated, though such accidents, sometimes of the most heartrending description, do happen to drivers of rear-cutting reapers. The rake can be stopped at any moment and the sheaf carried as far as may be desired, a great advantage in turning corners and in reaping in uneven grain. The rake needs no adjustment for long or short grain. The reel is placed at any desired height by one lever, and the bar is raised or depressed by another lever, both in an instant and without stopping. Both ends of the bar are raised and lowered exactly alike so as to shave the ground, or cut stubble a foot high.

One of the controlling recommendations of the Table Rake consists in its unequalled capacity for reaping in down and tangled grain. No other self-rake can approach the Table Rake in this important particular, and in no respect has this machine made such fast friends as in its ability to save tangled crops in the best possible shape. The owner of our Table Rake need have no more dread of attacking a field of down grain than of entering a standing crop.

Another advantage of the Table Rake, of less importance, but still of very decided importance, is in the superior condition in which it delivers bundles for binding. It discharges the gavels in much better condition

for binding than any reaper whatsoever, thus enabling the farmer to save the expense of one or two binders.

The Table Rake is now entering upon its thirteenth annual campaign, and its ability to endure the wear and tear of harvest after harvest has been amply illustrated. It is the most durable of all the reaper family. And right here we wish to say a word in regard to the reasons of the surpassing durability of all the machines manufactured by C. Aultman & Co. From the very first it has been their aim, not only to make machines that would do the farmer's work in a superior manner, but so to make them that they would retain their efficiency for the longest possible period. Steel, iron, and wood must always be of the best. Only the best workmanship and the most careful adjustment is tolerated. Most rigid inspection of all material received, and of all goods placed upon the market, has ever been exacted. Lower priced machines have been produced, but enlightened economy will always purchase the best. A cheap machine will cost the farmer more in the end than two good ones. Shoddy material and slop work for farmers' uses has about had its day. Ultimate and sure success is possible only for machines that deserve it. C. Aultman & Co's is the oldest house in the world now engaged in the manufacture of harvesting machines, a fact that sufficiently proves how well their fundamental requirement of the best material and the best work has been observed. The record of their machines fully justifies them in offering the BUCKEYE to the farmer as the most durable machine in the market.



THE BUCKEYE DROPPER.

THE BUCKEYE DROPPER.

THE BUCKEYE DROPPER 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.

The machine may be set at any height that will suit the crop. The reel may be raised or lowered, and the points of the guards may be raised or lowered instantly

and without stopping the machine, to cut either standing or tangled grain. The motion communicated to the reel by a sprocket chain is uniform and reliable. A cut-off rod which moves into the space made by one of the reel wings holds the sheaf until ready to be delivered, and prevents the scattering of grain. The draft is very light and the balance perfect.

With farmers who do not raise very large crops 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.

OUR COMBINED MACHINES.

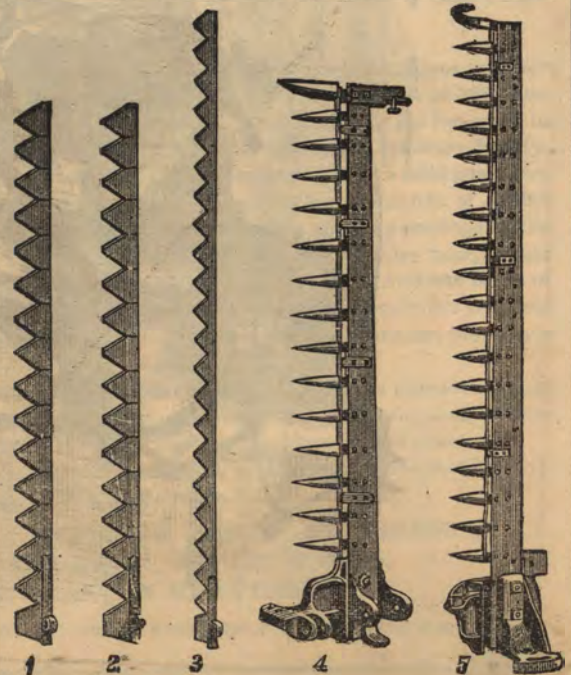
IN all the ups and downs of the machine business the BUCKEYE COMBINED REAPER and MOWER has ever gained a wider and wider sphere of usefulness. Each machine is built as a mower, but is so made that a self-raking attachment or dropping attachment can be added in a few minutes. These attachments can be set to work automatically, and they are under the control of the driver as completely as the mower itself.

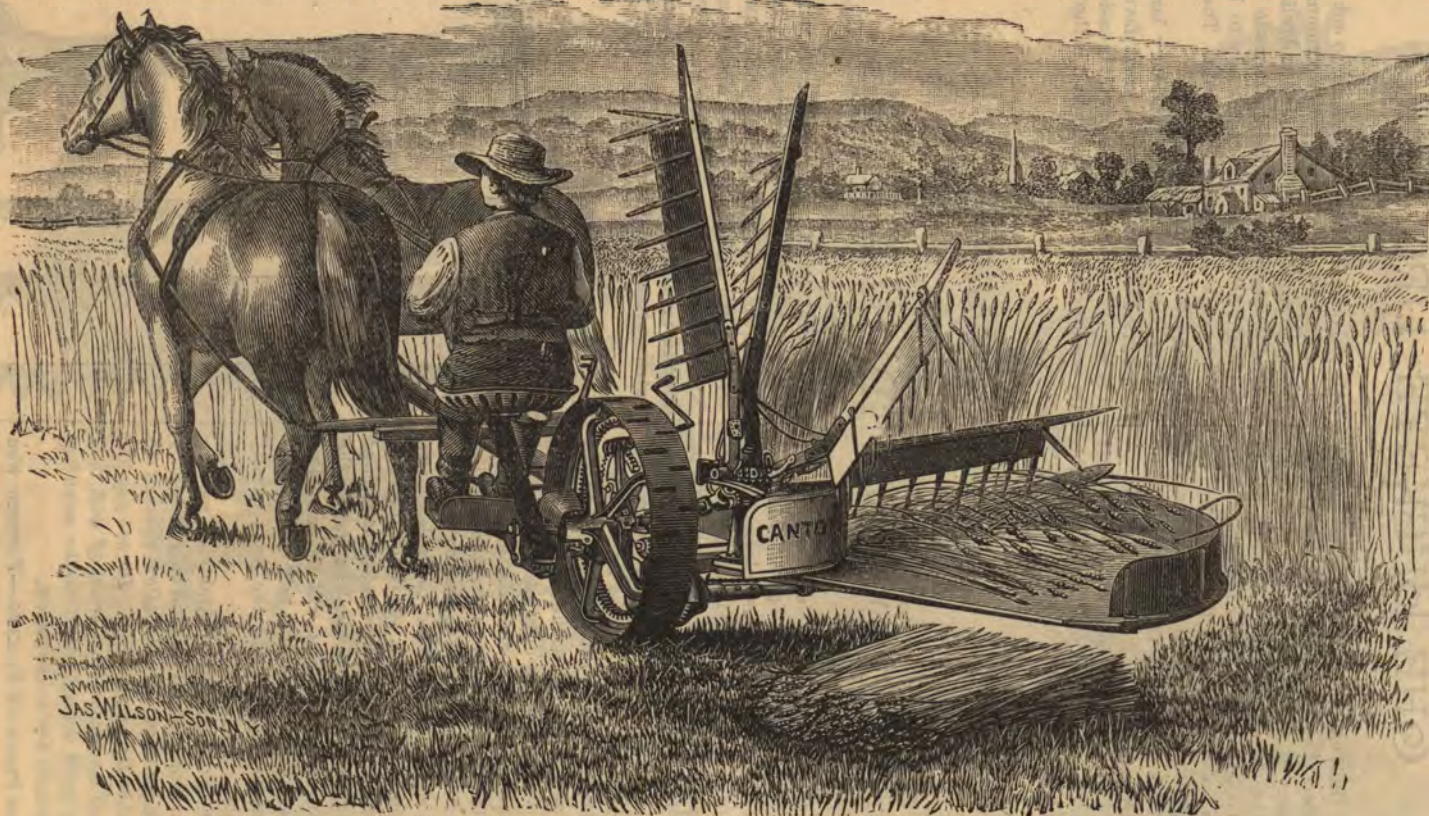
Some manufacturers furnish with their so-called combined machines, only two knives and one finger-bar, subjecting them to the double duty of mowing and reaping. It is a well-known fact that the cutting apparatus, while it is the most costly part of the machine to make, is the first to wear out. The gearing or power, if used with ordinary care, will outlast, at the least, two complete sets of cutting apparatus. Is it not then evident that the farmer who buys a so-called combined machine with only one finger-bar, which he puts to the double work of mowing and reaping, will be compelled after a time to go to the expense of a new cutting apparatus, which he must pay for at the price usually charged for repairs.

A greater width of cut is also desirable in reaping than is possible in mowing, and this can only be had by the use of two finger-bars. Do not allow yourself to be deceived in this important item. *Do not pay the price of a combined machine and be turned off with only one finger-bar; a great saving indeed to the manufacturer, but a still greater loss to the farmer.*

FLAX KNIVES IN PLACE OF SICKLES.—Farmers who desire the smooth-edged knife for cutting flax, instead of a sickle, with their BUCKEYE REAPER, should say so when ordering machines.

We print the following cuts for the purpose of showing, at a glance, the completeness of the cutting apparatus which is furnished with each COMBINED BUCKEYE REAPER and MOWER, viz.: Nos. 1 and 2, Mowing Knives; No. 3, Reaping Sickle; No. 4, Finger-Bar for Mowing; and No. 5, Finger-Bar for Reaping, besides extra sections and guard, with rivets for repairs.





JAS. WILSON - SON, N.Y.

THE NEW CANTON REAPER.

THE NEW CANTON REAPER.

THE LIGHTEST, STRONGEST, AND BEST SINGLE-WHEELED
REAPER IN EXISTENCE.

THE CANTON REAPER, which is now being manufactured by C. Aultman & Co., is a new machine, 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, it 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 and 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.

MOWER KNIVES, SICKLES, AND SECTIONS.

These very important parts are also made in Canton expressly for the BUCKEYE. The conduct and reputation of our machines necessarily depends largely upon the quality of their cutting parts. Hence extraordinary precaution is taken in regard to the quality of

the steel used, and the preparation and inspection of these parts, both bars and sections. It will save much vexation and expense in the end to get sections, when any are required, from us or our agents, and thus make sure of having the very best that can be made.

DIRECTIONS.

When you order Machines or Repairs be particular to mention the following:

1st. Town, County, and State to which they are to be shipped, and by what route.

2d. Whether by Freight or Express.

3d. Name, Number, and Style of Machine for which repairs are wanted. Name and Number of the part wanted, and in what year the machine was made or purchased.

4th. If for a Reaper, say whether sickle or flax knife is wanted.

5th. Your Post Office address.

Repairs for Machines will be kept by our Agents;

also at our Branch Houses in Cincinnati, Baltimore, Chattanooga, Minneapolis, Chicago, etc.

All orders for Machines or Repairs will receive prompt attention. Any person owning a BUCKEYE MOWER, REAPER, or BINDER made at our Works, can at all times be supplied by us, or our agents, with any extra parts they may require, and at reasonable prices.

For the convenience of those wishing to purchase Repairs, we publish annually a separate pamphlet giving cuts, description, number, and price of every part of our machines, so plainly classified that mistake is hardly possible. These will be furnished to any customer on application.

THE SURVIVAL OF THE FITTEST.

There is no department in which the favorite axiom of the evolutionist is applied with such inexorable certainty as in that of industrial mechanism. There are no more practical, keen-sighted men than the farmers of America, and the great number of machines that are made and pressed upon the market have, in such purchasers, an intelligent, and, as a whole, disinterested jury. Thousands upon thousands of agricultural contrivances have sprung into existence, had their day of trial before this jury, and were sentenced to oblivion as being unfit to survive.

The case of the C. Aultman Co. was called in 1856, when the first Buckeye Mower was placed upon trial. It was instantly declared to be worthy of far higher honors than had ever been conferred upon any machine. And each of the succeeding twenty-seven years has witnessed a confirmation of the first verdict, by the farmers, in buying all the Buckeyes that could be pro-

duced, and clamoring for more; and the tribute to the splendor of the Buckeye's invention that was paid by all other manufacturers in buying, borrowing, or otherwise appropriating to themselves some of the Buckeye's controlling recommendations, was a case without a parallel. To understand the force of this, one need only ask himself: Where is the mower to be found without two drive wheels, or without a double-hinged connection of bar to frame, or without levers for raising and tilting? And yet, for all of these, with other not less valuable inventions, the farming public is indebted to C. Aultman & Co., whether buying machines made by them or those of other makes. And if the reader will take a glance back at the record of agricultural development during twenty-seven years, he will find that, of all the houses and machines in existence at the beginning of that period, only C. Aultman & Co. and the Buckeye machine have survived to the present day.

THE MOST DISTINGUISHED HONORS

Have been conferred upon the Buckeye at all the world's fairs, and by the juries of all the most important industrial exhibitions that have been held during the past quarter of a century. Twenty-two of these awards came to the Buckeye accompanied by gold medals of the highest class. While competitive honors of this kind are sought with avidity, they rightfully count for less in determining the real practical utility of a machine than the results of fairly conducted field trials. In this department the Buckeye's record is

A SPLENDID HARVEST OF VICTORIES.

Over thirty gold medals attest an equal number of first prizes awarded to the Buckeye, within four years, in field tests with all the leading machines made in America and Europe. In many instances the first-class medal offered by the authorities or society testing the machines is of silver, and of these the Buckeye has a much larger number. The interest of grain-growers has of late years centered chiefly in self-binders, and field contests have been limited to them almost exclusively. Inasmuch as C. Aultman & Co. seek a market upon the merits of their own machines, rather than upon the demerits of those of other makes, they do not feel called upon to inaugurate contests of this nature. By the wishes of farmers, individually or collectively, and occasionally of over-confident machine agents, the occasion of such contests occurs frequently, and the result has been to firmly establish the

SUPERIORITY OF THE BUCKEYE BINDERS

over all others in respect to reliability, convenience, capacity, light draft, and durability. We give below a few examples of these contests, with their immediate results:

Near Clifton, Ill., June 29, four binders competing. Buckeye was classed first and sold fifteen machines, while its competitors wasted their time and sold none.

In Mason County, W. Va., June 25, in a trial with four leading binders, the Buckeye carried off the honors.

Near Decatur, Ill., June 19, a trial committee severely tested six machines, weighing them, testing draft by dynamometer, etc., etc., and wound up by awarding the Buckeye the prize, with emphatic praises.

Near Mackinaw, Ill., June 29, six binders competing, in which, as the local paper headlines it, "The Buckeye Badly Beats the Bidding Bullies."

Near Sorento, Ill., June 21, four binders enter trial. No award, but the Buckeye agent sells two machines, the others none.

Near Hoopston, Ill., July 3, six binders enter contest, which winds up by a popular vote of twenty to one for Buckeye.

Near Columbus, Ind., June 19, a big trial; nine binders competing. The Buckeye came out ahead, sold twelve machines, the others not one.

Similar result at Rantoul, Ill., June 15; also, at North Vernon, Ind., June 17.

Dawson, Dakota, August 19; The five most prominent binders were subjected to severe trial; the five judges decided unanimously for the Buckeye. Three car-loads of Buckeye binders sold within a few days.

New Buffalo, Dakota, July 31. A trial was had, numerous attended. Six binders entered, and five judges all decided for the Buckeye.

Aastad, Minn., July 30. Four binders entered the field. The victor was to have a large flag, provided for the occasion. The Buckeye got the flag and a farmer got the Buckeye.

Near Bigstone City, Dakota, August 11, three machines competed, and Buckeye kept the field, the others retiring.

Cologne, Minn., August 8. Five binders were tried, and Buckeye unanimously recommended as the best.

La Rue, O., August 12. Three binders were priced alike, and showed up their best to a farmer who chose out and bought the Buckeye.

Aberdeen, Dakota, July 29. Seven binders worked; committee ruled out two, and said they could see no difference in the work of the rest; but the farmers settled the matter by buying thirty Buckeyes inside of a week.

Near Dayton, O., July 23, seven binders entered; committee classed Buckeye first, for lightness of draft and good work in tangled grain.

Near Urbana, O., August 30, three machines entered. First premium awarded to the Buckeye.

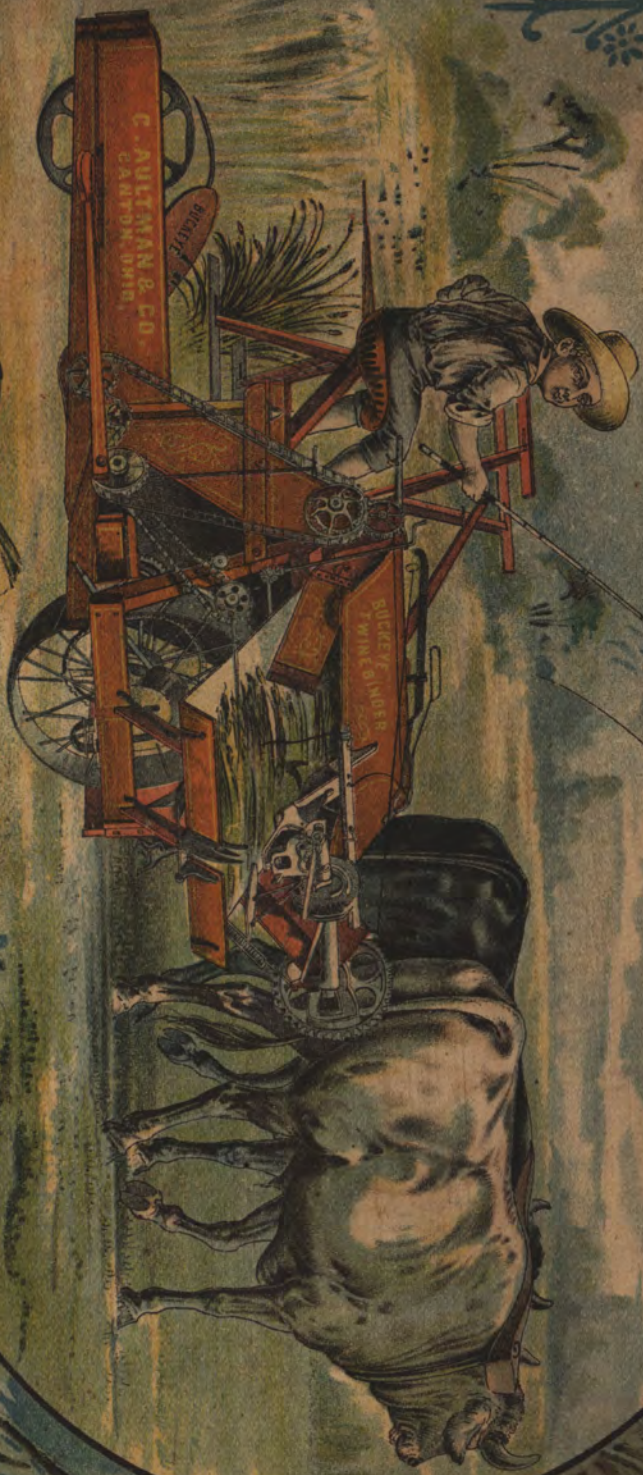
The space of this pamphlet forbids the presentation of a complete list of these Binder trials. About sixty of such contests were participated in by the Buckeye, and in fifty of these trials the results resembled exactly those in the above examples. A list of these trials will be found in our circular containing Testimonials of Farmers, which will be mailed to any address on application.

As we have already intimated, our stock of Buckeyes of all kinds gave out before last year's demand was supplied. This fact is the

MOST TELLING PROOF OF COMPARATIVE EXCELLENCE

that it is possible to furnish. We have illustrated and briefly described these machines, and have also said enough in regard to their practical working qualities and successes to establish in the mind of any reader who expects to purchase a machine, a desire for a careful consideration of the claims of the Buckeye. For particulars not contained in these pages, apply to our nearest agent or branch house, or to C. Aultman & Co., Canton, Ohio.

1883



C. Aultman & Co., Canton, Ohio

Gentlemen,

Fairbault, Minn., Aug 26th 1883.

This is to certify that I have cut all my grain with the Buckeye Twine Binder, which I bought of your agent. The machine runs so light, that I averaged eight acres a day with a light six team, without jess or skip. I run down grain into good shaped bundles. My boy 12 years old ran the machine and experienced no trouble.

William, Osborne