



C. AULTMAN & CO.

CANTON,
OHIO.

FOR SALE BY

J. M. ABBOTT, Millerstown, O.

ROBERT & CARPENTERS LTD. CO. CHICAGO

The Buckeye 1883



WE shall presume that the reader of this pamphlet wishes to inform himself in regard to the merits of the BUCKEYE, with a view to obtaining the best machine in the market in time to save the crop he raises in 1883. In order to aid intending purchasers in accomplishing this important purpose we have prepared the following pages, composed in part of illustrations, and in part of a plain, straightforward and truthful description of the machines made by us, and of the claims we make for them. We consider it not only unnecessary, but bad policy to make extravagant claims for the products of our shops.

The best machine is the one which will perform its work in the neatest and quickest manner, with the least labor and vexation, and which is at the same time the most durable. As to the manner in which the BUCKEYE, in its various forms as now made, does its work, we can say that it has given perfect satisfaction. We made all the binders, mowers, table-rakes and droppers we could for the harvest of last year. All were sold early in the season and all fulfilled the best expectations of their purchasers. Our newest machine, the BUCKEYE BINDER, did more, and was everywhere praised more unstintedly than we ever knew any machine to be. In regard to ease of draft and convenience in handling there seems to be but one opinion of the BUCKEYE, which is entertained by all who are familiar with the various machines in the field. It is unequalled in either respect. The BUCKEYE, both as mower, reaper and binder, has points of superiority that can not fail to arrest the attention of any observer who has practical tact and experience.

The BUCKEYE MOWERS and REAPERS have a record for durability that is unequalled by any in the country. C. AULTMAN & Co. invented the machine twenty-seven years ago, and have found a market for it in every civilized land, not omitting the islands of the sea. Such a long and successful career indicates literally that, on the part of hundreds of thousands of farmers, the BUCKEYE has been regarded as the most durable machine, the safest machine, and the machine best adapted to their wants. We may add that the popularity of the BUCKEYE was never so great as at the present time.

The continued growth of the BUCKEYE interest, notably of the BUCKEYE BINDER trade, has compelled the addition of largely increased manufacturing facilities. During the past season three large structures, one having an area of 60 by 160 feet, one of 200 by 36 feet, and one of 288 by 40 feet, have been erected. These, with the introduction of electric light, and with largely increased foundry capacity, and with the addition of many thousands of dollars' worth of splendid iron and wood-working machines, will enable C. AULTMAN & Co. to double their output of BUCKEYE BINDERS. The reputation made by the Binder in the rank and tangled harvest fields of last year will gain for it all the purchasers we can possibly provide for. Up to a late date in the fall all the Binder product of the BUCKEYE shops, averaging sixty a day, had been sold to parties who wished to insure for themselves or their customers the possession of a BUCKEYE for 1883. There could be no more positive indication of confidence in the superiority of a machine.

In regard to prices we can only repeat what we have often said before, that the BUCKEYE can not compete with that class of machines which seeks, and expects a market almost wholly on the ground of a low price. The steel parts of our machines, and they are present in abundance—are of the best; the iron used is the best we can buy; the wood is carefully selected, and the best workmanship is inexorably required; and it must be evident that the BUCKEYE can not be produced for as little money as the cheaply made machines that rely upon a coat of paint to hide their defects and obtain undeserved favor. It is for the advantage of all concerned to encourage the manufacture of goods of the very best quality, thereby insuring durability, and less annoyance in the crisis of harvest, and a very great economy in the end.

C. AULTMAN & Co. propose, in pursuance of what has always been a fundamental principle in their business, to continue to manufacture only machines which shall be standard in excellence, of uniform quality, and which can not be excelled in any respect by any other manufacturers, and they will also meet all the requirements of honest competition.

(2)



THE BUCKEYE TWINE BINDER.

The Buckeye Twine Binder.

C. AULTMAN & CO. can not offer this machine to the farming public as the oldest twine binder in the market. There are quite a number of their competitors, each of which has, or claims to have, the oldest. What we do claim for the BUCKEYE is, that it is rather the newest and best Binder in the market. And by newest we do not mean an untried machine. Six thousand five hundred BUCKEYES went through last harvest in a way that introduced into six thousand five hundred farmers' families a heretofore unknown and surprising element of happiness. For the BUCKEYE BINDER is a blessing the benefits of which are largely shared in by the farmer's wife and daughters.

Not only did the BUCKEYE perform the work expected of it, and claimed for it, with a certainty, regularity and economy that provoked general and hearty enthusiasm, but we have thousands of letters saying that, after cutting and binding large and difficult harvests, the BUCKEYE showed no signs of wear or failure in any particular. While it is too soon to speak of comparative durability, it is clearly established that the BUCKEYE is capable of doing a very large amount of work. That it will be a new and grand vindication of the real wisdom of the BUCKEYE habit of employing only the best attainable agencies, both in respect to material and construction, does not admit of the slightest doubt. We can and do offer it to the farmer as, at least, the equal of any binder made in this respect, for we are absolutely certain that no house has either the desire or the inducement to make a better record in this regard than C. Aultman & Co. And no labor-saving machine of ancient or modern times lessens the hard tasks of harvest to such an extent as the BUCKEYE BINDER.

As with other labor-saving inventions that have been tried sufficiently to establish their utility and capacity for endurance beyond all doubt, so the BUCKEYE BINDER will come to be regarded as an indispensable machine for the cutting of all crops large enough to justify the investment required. In less than two years it has placed itself in advance of the front rank of Twine Binders. Farmers who have used it, agents who have sold it, and all who have witnessed its conduct and compared it with other binders, agree in declaring the BUCKEYE unrivaled both as a harvester and binder.

The operation of the BUCKEYE TWINE BINDER is very simple. As the cut grain is discharged from the elevator of the harvester it is taken by two arms driven by cranks, called packers. 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 in delivering the grain to the com-

pressors, 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 force 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 knot-tying apparatus is very durable. All the small working parts are made of cast steel. It remains entirely at rest while the packers are collecting the bundle, after which it is the operation of only a moment to put on the band. This binding attachment has now been used through six harvests, and has given the best satisfaction of any twine machine yet constructed. In connection with the Buckeye Harvester, and with the improvements added and tested in the harvests of 1881 and 1882, it is the most efficient reliable and durable twine machine made.

It is more simple and more durable, having fewer parts than any other.

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 operation 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.

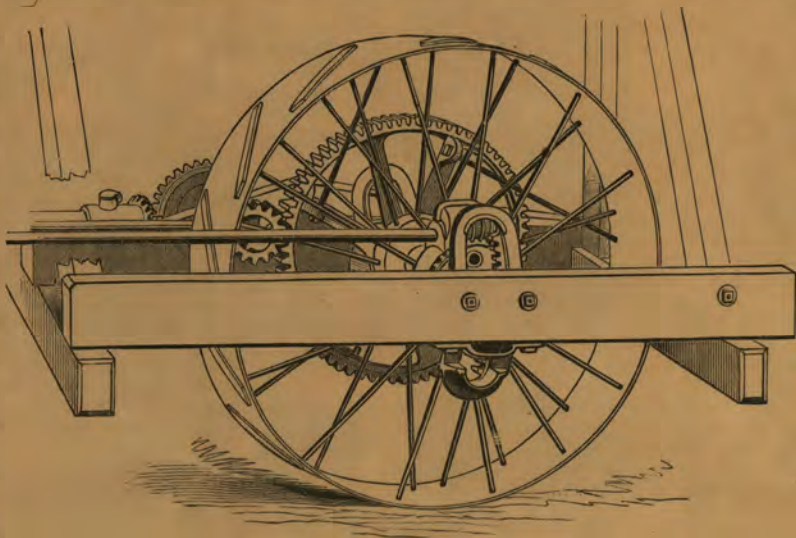
The Buckeye Harvester.

THE splendid conduct of the BUCKEYE BINDER is, in part, due to the excellence of the Harvester. The superiority of this machine was generally acknowledged prior to the introduction of binders, and is largely due to its solid construction.

The rollers have a square bar through their entire length, instead of a short shaft driven into the end of the soft wood. The cutter-bar is of angle iron. Guards have steel leger plates and are riveted to the bar.

Levers, handy to the driver's hand, enable him to place both reel and cutter-bar where they will do the most good in an instant. Both ends of the platform can be set for work at any height required by the crop.

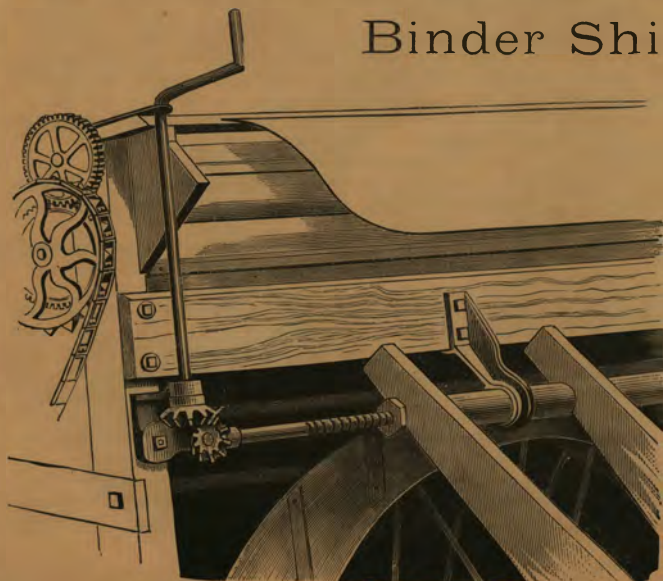
It is not possible that any machine could ever have given more perfect satisfaction to farmer, agent or manufacturer than this. In lightness, strength and balance it leaves absolutely nothing to be desired. The canvas platform and elevating aprons save all the grain. They are self-adjusting, do not clog in any condition of grain, and will handle any crop perfectly well, no matter how long or how much tangled. The superior merit of the BUCKEYE in cutting and elevating has been signally demonstrated time and again by its successful handling of heavy, laid crops, where other harvesters had failed utterly. There are other binders that may equal the BUCKEYE's work in light grain, but no other binder can save heavy and tangled crops as well,



The harvest of 1882 proved this fact beyond all controversy.

We formerly made drive-wheels of wood, but for three years we have made only iron wheels. Wooden wheels shrink, or swell, and the bother with them is both serious and inevitable. Our iron wheel, instead of being the first thing to give out, is the last. Our wheel is light and strong, and has the gears at the inside, and not on the outside, where they would occasionally fill up with straw and mud. Above is an illustration of this wheel, which is a model of strength and beauty.

Binder Shifter.



THE accompanying 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 can not get out of order, and it could not possibly be more convenient.

Victories that are Victories.

Field Trials without Number. Every Trial sells its Buckeye or Buckeyes. A Grand Record and a Glorious Future.

AT the conclusion of one of the most important trials of the year, held on the farm of Mr. B. F. Magruder, Goshen, Kentucky, June 24th, the following decision was rendered:

"We, the judges appointed to examine and test the merits of the different self-binders at the trial on the farm of B. F. Magruder, Esq., near Goshen, Oldham county, Ky., after a thorough test, unanimously give our decision in favor of the BUCKEYE. The following machines competed in the trial: McCormick, BUCKEYE, Wood's and St. Paul twine binders. The Osborne binder also entered the trial and was on the ground, but failed to go into the field. Signed:

FLOYD OGDEN.
W. D. VINCENT.
W. M. CASSIDY.
C. R. STOLL.
J. H. ADAMS."

The sale of seventeen binders depended on this trial. The BUCKEYE was sold in every instance.

At West Jefferson, Ohio, June 27, a trial resulted as follows:

"We, the undersigned, witnesses of a self-binding test, in the field of James Peene, near West Jefferson, Madison county, O., June 27, 1882, wherein the following binders were represented, viz.: The NEW BUCKEYE, represented by E. E. Ballenger, of London; the Deering, by Speasmaker, of London, and the Osborne, by Curtain & Woosley, of London, do affirm that after a fair test the BUCKEYE machine cut smoother, bound tighter, and made better work than either of those named.

H. C. WILSON.
C. G. HIGH.
THOS. CARTMILL.
JOSEPH HARBAGE.
WILLIAM PEENE.
F. HIGH."

A number of BUCKEYES were sold on the spot.

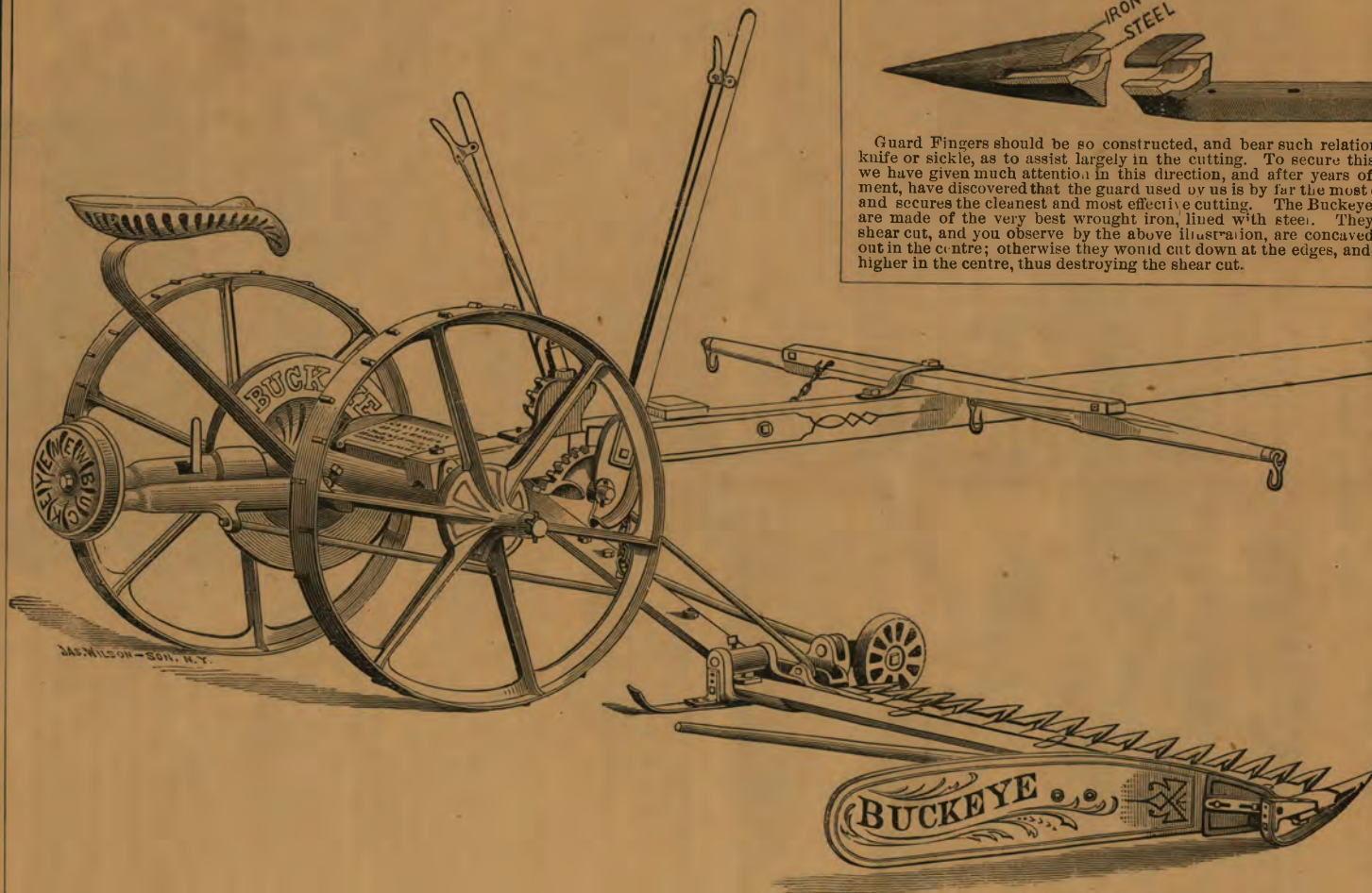
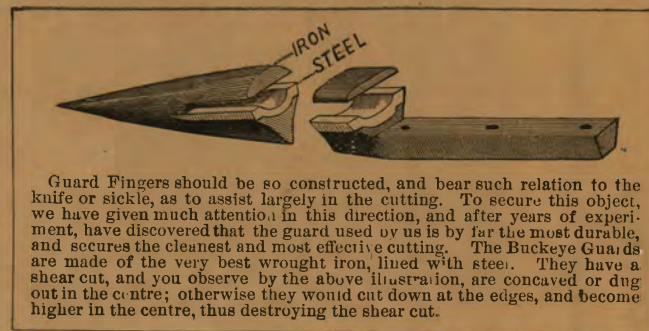
We print the above merely as illustrations of what was occurring daily during last harvest. We have not room to print the language of all the awards, but the sweeping character of the BUCKEYE BINDER's success may be inferred from a mere mention of some of the dates on which the BUCKEYE scooped its competitors and held the field, as follows:

At Glendale, Md., June 23, three machines competing; July 11, at St. Anne and at Frankfort Station, Ill., similar result; Jamestown, O., June 20, all the leading binders competing, resulting in sale of four BUCKEYES; Reesville, O., June 22, seventeen binders competing, a stunning BUCKEYE success, and seven BUCKEYES sold on the spot; Janesville, Wis., June 29, five binders competed and the BUCKEYE kept the field; Lanark, Ill., July 26, a committee composed of men of prominence gave a unanimous award for the BUCKEYE; Point Pleasant, W. Va., June 26, the committee ran the machines themselves, and were unanimous for the BUCKEYE; Platteville, Wis., July 8, seven competitors, BUCKEYE is classed first, and seven machines sold at once; Urbana, O., June 28, cleaned out two competitors; La Fox, Ill., July 17, a large committee were unanimous in giving first place to BUCKEYE; Osseo, Minn., July 19, with three other binders competing, the popular vote was two

to one in favor of the BUCKEYE; Wenona, Ill., June 2, seven binders entered, BUCKEYE ahead and trial machine sold; Grundy Centre, Iowa, July 18, BUCKEYE swept the field against five competitors; Kirkwood, Ill., June 19, kept the field against three other binders, Champaign, Ill., July 12, the BUCKEYE side-tracked two distinguished competitors; Red Wing, Minn., July 21, nine binders competing, and BUCKEYE trial machine elbowed out the other eight; Downer's Grove, Ill., Aug. 5, popular vote of 150 in favor of BUCKEYE, two other machines competing; New Ulm, Minn., July 29, large committee, unanimous decision for the BUCKEYE; Janesville, Minn., July 31, same result, beating three competitors; Woosung, Ill., July 20, BUCKEYE pulverizes an ambitious competitor; Shannon, Ill., does the same for another too previous competitor; Thomson, Ill., July 17, a committee decides in BUCKEYE's favor; Columbus, Ind., June 14, eight binders took the field, popular vote nearly entire for the BUCKEYE, and seven BUCKEYES sold; Monroe, Wis., July 15, BUCKEYE beats one competitor; Livingston, Wis., July 17, does the same for six competing binders; Erie, Ill., July 14, ditto for five competitors; near Springfield, O., June 21, the BUCKEYE gets away with three over-confident champions, selling five binders on the spot; Whitehall, Ill., June 6, a telling popular victory over four machines, and five BUCKEYES sold; Lee's Summit, Mo., June 3, the BUCKEYE takes first honor and sells trial machine and two others; Gallatin, Tenn., May 25, four competitors, no award, but BUCKEYE only is sold; Carrollton, Ill., June 6, BUCKEYE beats three rivals and sells seven machines.

The BUCKEYE BINDER's successes above mentioned we have gleaned from a glance backward over part of our reports of the last harvest. We could add largely to the list, but there are enough of them to satisfy any candid reader of the comparative superiority of our machine. Farmers are powerfully interested in the success of the best binder, and their decisions at trials ought to, and do, have great weight. In nearly every fair and square trial the BUCKEYE bore off the palm, no matter what the number or reputation of its competitors. Says Mr. W. E. Sefton, Buckeye agent at Mount Vernon, O.: "Out of nearly 300 binders sold on my territory there is not one instance of a BUCKEYE being pulled out, and all the other binders, in less or greater numbers, have gone down before it." Already agents who sold half a dozen and less binders last year have sent in their orders for from twenty to fifty for 1883.

With the help of their largely increased facilities, and of electric light with much to keep their works in uninterrupted activity, C. Aultman & Co. expect to be able to turn out Binders in such numbers that the theatre of their incomparable usefulness will be largely extended. For the future of a labor-saving machine that has exhibited such superiority to all self-binding harvesters in respect to simplicity, capacity and durability is not to be doubted. Experience and the immense development of agriculture have made the farming public quick to welcome the best and swiftest helps that mechanical skill can furnish. The BUCKEYE BINDER has been tried and compared, and has been called to the first place as being, in all respects, the most efficient single instrumentality that ever contributed to a nation's happiness and wealth.



THE NEW BUCKEYE MOWER.

The Buckeye Mower.

THIS machine can justly be regarded as the cornerstone upon the merits and reputation of which the vast industries engaged in the manufacture of BUCKEYE machines were first founded and still securely rest. As such, C. Aultman & Co., its original inventors, must ever cherish for the BUCKEYE MOWER a peculiar regard. They produced the BUCKEYE in 1856, while the members of the house were yet young men. From a product of fifty machines the first year, the annual requirement has grown to fifty thousand. And yet, mechanically speaking, the BUCKEYE of '56 and the BUCKEYE of '83 are just the same. The first BUCKEYE had the gearing behind and the cutters in front, the two balancing on the axle supported by two drive wheels, and the motion of the drive wheels was converted into that of the vibrating knife by exactly the same process.

But the importance of the invention of the BUCKEYE, as an event, is by no means limited to the industries, vast as they are, engaged in its manufacture, nor to the splendid economic results that accrue to the benefit of the farmers who use it. It is much more extensive, comprising, in fact, and most favorably affecting, the entire harvesting machinery industry, not only of America but of all lands.

Prior to 1856 no mower or reaper used two drive wheels; all used one wheel. No machine used a double-hinged bar; all used a stiff bar. No machine had the cutters in front; all cutter-bars were behind. No machine had a lever to raise or to tilt the bar. These were the inventions of C. Aultman & Co. To understand their importance one has only to imagine every farmer equipped with one of the old, single-wheel, stiff, immovable bar or platform machines, instead of the machine he now has. The first inevitable result would be that three-fourths of the present grain and grass product would be wasted for lack of capacity of machines, and of power to propel them. That most of them would be abandoned at once it is fair to infer from the fact that, prior to the invention of the BUCKEYE, no machine had gained any popularity with the farming public. The advantages afforded by the best of them, when thrown into the scales against cradle and scythe, were often found light of weight, and always so unless the

farmer's stable was well stocked with strong horses.

There are other great advantages, some of them possessed by a few first-class machines, and some of them appertaining to the BUCKEYE only, such as pawls and ratchets instead of cog-gearing in the drive wheels, steel cutting edges in the guards, the folding of the cutter-bar over the tongue for transport, etc., which had their origin in the fertile brains of the first BUCKEYE experimenters.

But the facts we have already stated are enough to indicate the incalculable benefits to mankind that have accrued from the invention of the BUCKEYE. The machines made before the BUCKEYE were of such questionable utility that they were not in demand. But with the advent of the BUCKEYE's two wheels and flexible bar the demands of the farmers at once outran the capacity of the shops. And only a few years later the older countries of Europe were struck with astonishment at the spectacle of fleets entering their harbors laden with American grain during a period when it was known that the mass of our able-bodied men were engaged in civil war. That this extraordinary achievement was due directly to the invention of the BUCKEYE does not admit of a doubt, for no machine lacking its controlling recommendations, for which patents had been granted to C. Aultman & Co., could possibly be sold. After the war, came the embarrassments of panic and financial prostrations, and it is still fresh in memory how the wheat fields of the West came to the front again with their golden harvests, bringing prosperity to all classes, reviving trade, enabling our financiers to place our currency and national debt on a sound basis and actually making the United States a creditor instead of a debtor nation. It would be interesting to trace this subject still farther, through the period of our enormous agricultural, industrial and railroad development, and to consider the part the BUCKEYE had in all these astounding phenomena. Suffice it to repeat, what every disinterested observer must admit, that without the trenchant weapons furnished to the agricultural army, directly or indirectly from C. Aultman & Co.'s BUCKEYE storehouse, these grandest of victories would never have been possible.

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.

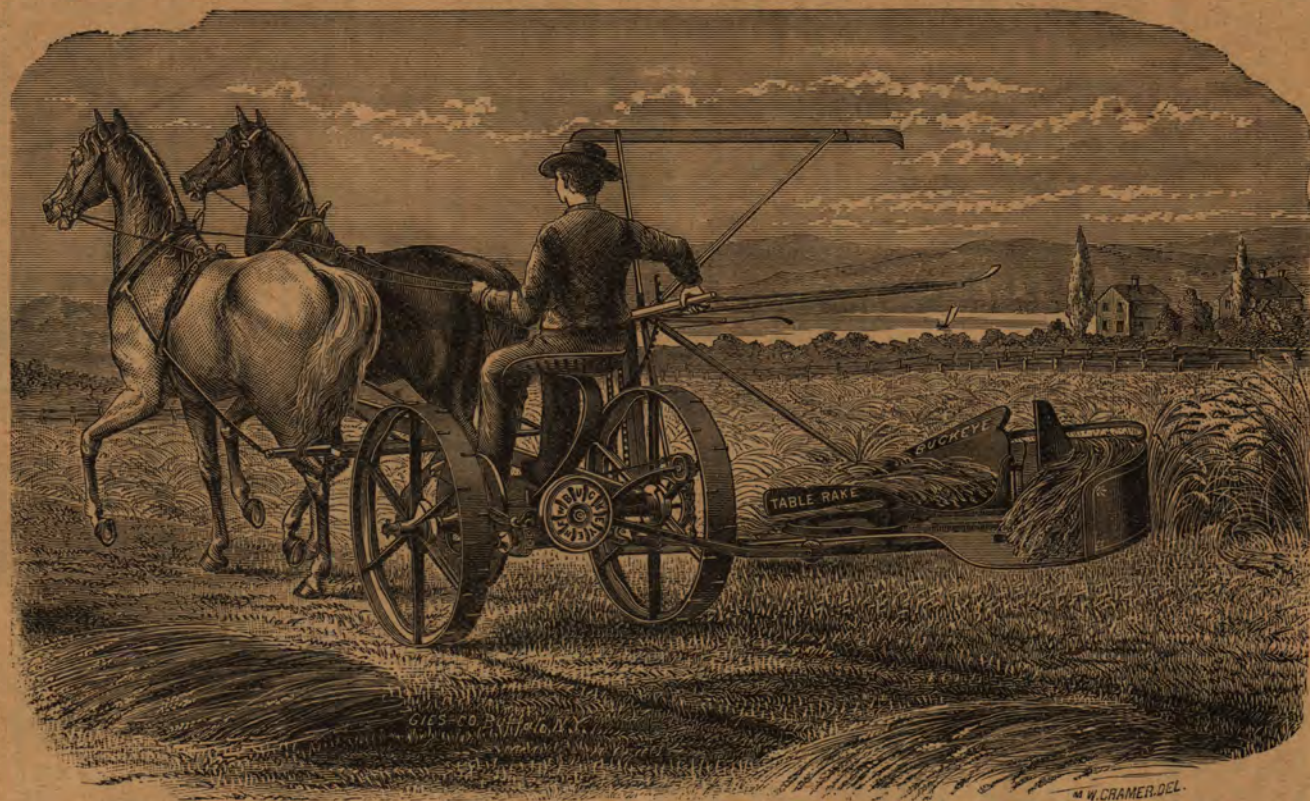
5th. Your Post Office address.

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 BUCKEYE TABLE RAKE.

THE above illustration shows the Table Rake at work in lodged grain. There is a decided appropriateness in presenting this famous reaper thus occupied, from the fact that it was the harvest of 1875, the worst harvest ever known,—a whole harvest, in fact, of lodged grain,—that most triumphantly settled the question of the Table Rake's great superiority over all other reapers in tangled crops. It also delivers its gavels, whether in straight or tangled grain, in much better shape for binding, thus saving to its owner the expense of one, and generally of two, binders during harvest. The Table Rake not only does better reaping, but its draft is light, and in respect to durability it is without a rival.

The Buckeye Table Rake.

A GLANCE at our illustrations will suffice to convince the reader that 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.

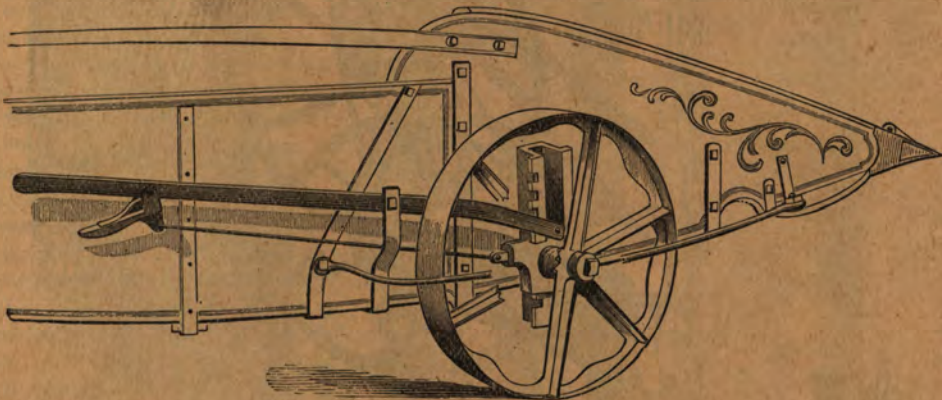
One of the controlling recommendations of the Table Rake consists in its unequaled capacity for reaping in down and tangled grain. No other self-rake can approach the Table Rake in this important particular, and in no respect has this machine made such fast friends as in its ability to save tangled crops 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 of binding. It discharges the gavels in much better condition for binding than any reaper whatsoever. A most striking proof of this fact was the verdict of the binders at the Centennial Field Trial, Philadelphia, 1876, rendered in the following words: "We, the undersigned bound after all the Self-Rake Reapers exhibited and operated at the Centennial Field Trial, held on the farm of the Neshamany Park Association, and unhesitatingly pronounce the BUCKEYE TABLE-RAKE REAPER as the easiest ma-

chine to bind after, it leaving the grain in such even condition and so compressed that it is as easy to bind three sheaves after the BUCKEYE TABLE-RAKE REAPER as two sheaves made by any other self-rake machine." This document was signed by all the binders, without exception. And such is the verdict of every unprejudiced farmer.

This saving of one, and sometimes of two binders, during harvest enables the farmer to save the interest on the sum invested and often considerable more, to say nothing of the greater ease with which the binding is done and the cleaner saving of the crop.

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 above cut shows the lever for raising and lowering the outer end of the Table Rake Platform. Taken in connection with the Lifting Lever, at inner end, it will be seen that the entire platform can be placed

at any desired height with ease, and in a moment's time. The convenience of this arrangement in reaping over uneven land and in tangled grain will be apparent.



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.

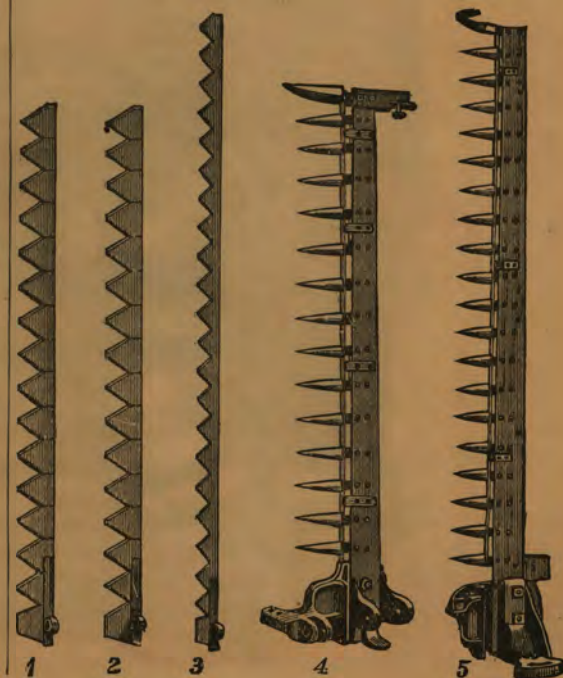
IN all the ups and downs of the machine business the BUCKEYE COMBINED REAPER and MOWER has ever gained a wider and wider sphere of usefulness. Each machine is built as a mower, but is so made that a self-raking attachment or dropping attachment can be added in a few minutes. These attachments can be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

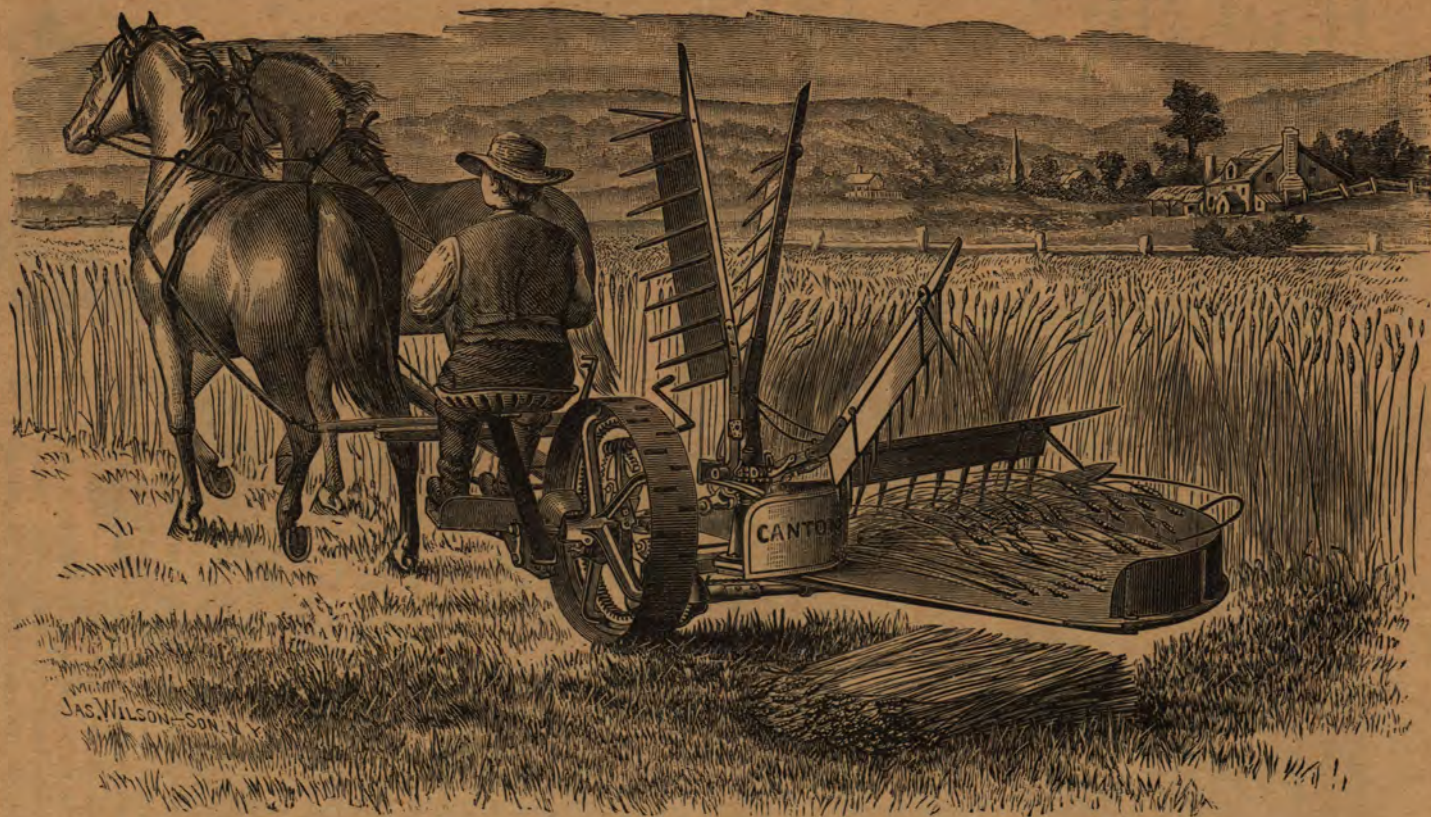
Some manufacturers furnish with their so-called combined machines, only two knives and one finger-bar, subjecting them to the double duty of mowing and reaping. It is a well-known fact that the cutting apparatus, while it is the most costly part of the machine to make, is the first to wear out. The gearing 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.





THE NEW CANTON REAPER.

The New Canton Reaper.

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

Having some New and Valuable Features that were not on the Canton Reaper last year, which will commend it to Farmers who prefer a Single-Wheeled Reaper

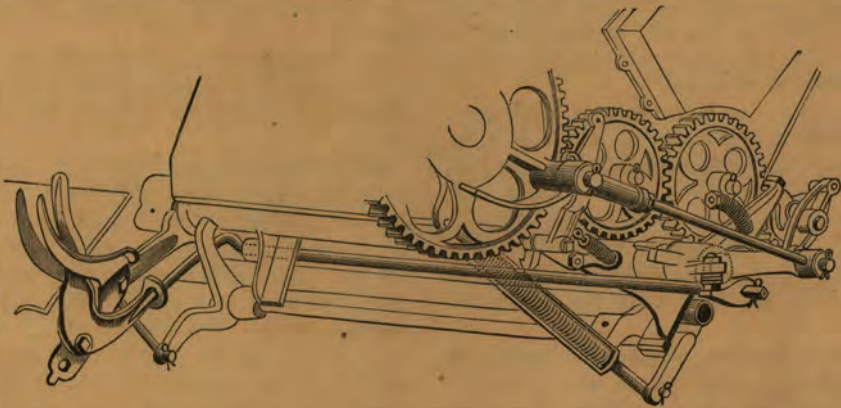
THE CANTON REAPER which is now being manufactured by C. Aultman & Co., is a new machine, which presents a very remarkable combination of strength and durability, with lightness and facility in handling. It is a single-wheeled machine, and being designed only for harvesting grain, it is as simple a machine 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.



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. This range is again considerably enlarged by the nut, forcing more or less pressure against the

coil spring which holds the latch in position. Not 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 Mower.



THE BUCKEYE ON THE ROAD.

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 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 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, can not fail to be filled up with mud or sand.

SIDE DRAFT.

The line of draft is so placed on the BUCKEYE, that the tongue will sometimes, when at work, be drawn toward the standing grass, and sometimes thrown away

from it. Therefore there is no side draft whatever in the objectionable sense—no more side draft in fact than there is on a two-horse wagon.

Highest Honors

AWARDED TO THE BUCKEYE EVERYWHERE.

DURING the past few years the harvesting machines manufactured by C. Aultman & Co., in competing with all the leading machines of this class in Europe, America and elsewhere, have won the very highest honors, and by far the largest number of first prizes. Since the harvest of 1878 they have received:

Gold Medals and First Prizes at twenty Field Trials in France;

Gold Medals and First Prizes at five Field Trials in England;

Gold Medal and First Prize at great Field Trial in Holland;

Gold Medal and First Prize at Government Trial in Roumania;

Gold Medal and First Prize of Spanish Society of Agriculture;

Gold Medals and First Prizes at three Government Trials at Algiers, Africa;

Gold Medal and Highest Prize awarded to any machine at Pennsylvania State Fair, 1880;

Also, more than four hundred other First Prizes, including many Gold and Silver Medals, in 1879, '80, '81 and '82 alone, in competition with all the leading machines of the world, at home and abroad;

Also, the First Prize at Southland, New Zealand, Dec. 14, 1881;

Also, the First Prize and 75 guilders at Buitenpost, Holland; in both cases in competition with leading American and foreign machines. It is probable—in fact it is positively true, so far as our knowledge goes—that no machine of any description has had so many distinguished honors conferred upon it by agriculturists, the world over, as the BUCKEYE.

In addition to the above, C. Aultman & Co. feel highly flattered by the honors bestowed upon their ma-

chines at numerous fairs in our own country, some of which, awarded in 1882, have been reported to them, as follows:

First Premiums to Buckeye Binder and Dropper at Jamestown, O., Aug. 12;

First Premiums to Buckeye Binder, Buckeye Combined Machine and Canton Reaper at Hartford, O., Sept. 9;

First Premiums to Buckeye Binder, Table Rake and Dropper at Urbana, O., Sept. 8;

First Premiums to Buckeye Binder, Table Rake and Combined Machine at Marietta, O., Sept. 8;

First Premium to Buckeye Binder at Troy, O., Oct. 3;

First Premium to Buckeye Binder, Mower and Canton Reaper, Harrisburg, Pa., Oct. 5;

First Premium to Buckeye Mower at Media, Pa., Oct. 7;

First Premium to Buckeye Binder, Combined Machine and Canton Reaper at Bellefontaine, O., Oct. 2;

First Premium to Buckeye Binder and Mower at Washington, Pa., Oct. 3;

First Premium and \$10 to Buckeye Mower at Clarksburg, W. Va., July 11;

First Premium to Buckeye Binder, Mower and Table Rake at Junction City, O., Oct. 21;

First Premium to Buckeye Binder at Culpepper, Va., Sept. 19;

First Premium to Buckeye Binder, Mower and Canton Reaper at Lynchburg, Va., Oct. 21;

First Premium to Buckeye Mower and Dropper at Stanton, Va., Sept. 18;

First Premium to Buckeye Binder and Canton Reaper at Richmond, Va., (State Fair) Nov. 1., and at a large number of other fairs for which space is wanting.

The BUCKEYE BINDER is the grandest success, and the greatest labor-saver and grain-saver in the whole range of labor-saving farm machines. Taking the average number of acres cut with it by the farmers from whom we have reports, and estimating that all the BUCKEYES sold did as well, at least 540,000 acres would have been cut by this machine the past harvest. And with all this vast achievement, and from all parts of the country, come only letters of enthusiastic praise. And

these encomiums include every feature of the machine, regularity of tying, tight tying, good elevating, lightness of draft, good balance, durability, convenience in handling, capacity for handling tangled grain, etc. There never was a harvest better calculated to test the capabilities of such a machine, and no machine has ever gone through such a test more successfully, or bearing a more honored name than the BUCKEYE TWINE BINDER.

BUCKEYE HARVESTING MACHINERY

MANUFACTURED BY

C. AULTMAN & CO.

Office and Manufactory, Canton, Ohio, U. S. A.

OFFICERS:

LEWIS MILLER,

President.

HENRY C. FOGLE,

Secretary and Treasurer.

JACOB MILLER,

Superintendent.

Branch Offices and Principal Depots.

Managers.

CINCINNATI, Ohio—126 Main Street.... J. G. Stowe.
BALTIMORE, Md..... H. W. Matthews.
CHATTANOOGA, Tenn.—264 Market St... S. A. Cunningham.
MINNEAPOLIS, Minn.—Pacific Block... C. J. Gotshall.
CHICAGO, Ill.—37 South Canal Street... C. C. Whitacre.
LOUISVILLE, Ky.—302 West Main St... McGill & Truman.
FREEPORT, Ill.—58 to 64 Stephenson St... W. G. & W. Barnes.
NASHVILLE, Tenn.—23 Public Square... J. M. Hamilton & Co.
PORTLAND, Oregon..... Chas. H. Dodd & Co.
ALTON, Ill.—13 Third Street..... Milnor, Auten & Co.
ATLANTA, Ga.—79 South Broad Street... J. M. Harwell.
MECHANICSBURG, Pa..... C. N. Owen.
WHEELING, W. Va.—1520 Main Street... R. K. Giffen & Co.
PARIS, France—59 Rue Lafayette..... A. Rogy.
MATANZAS, Cuba..... J. M. Clark.
CHRIST CHURCH, New Zealand..... Twentyman & Cousin.
SYDNEY, New South Wales..... H. S. Chipman.

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.*



THE WORKS AT CANTON O. U. S. A.

REAPERS AND MOWERS.

THE BUCKEYE MOWER and REAPER, which is manufactured by the widely-known firm of C. Aultman & Co., of Canton, Ohio, is entering upon its second quarter of a century with a history of which its manufacturers may well be proud. Of all the machines that were manufactured a quarter of a century ago, not one survives to-day except the BUCKEYE MOWER. The same men who invented the BUCKEYE still control its manufacture. Thousands of prizes, including all the most important in the world, have crowned its brilliant victories in the

WORTH CONSIDERING.

Farmers having BUCKEYE machines require fewer repairs than farmers having other machines. This fact has been brought to our attention in thousands of instances by our own customers, and it is a very interesting point with the purchaser. Says a machine dealer at Carrollton, Mo.:

"I had fifty or more calls to-day for Champion, Clipper, Russell and Excelsior repairs, and not one call for BUCKEYE repairs. There must be about two hundred BUCKEYES in Carroll county, and I don't average in sales \$20 worth of repairs per year. Why don't you build the BUCKEYE so it will break, and wear out, too?"

And in regard to the BUCKEYE TWINE BINDER, this:

MARIETTA, O., Dec. 15, 1882.

C. AULTMAN & Co., Canton, O.:

As the item of repairs is one that should be well considered by purchasers of Self Binders, we would call the attention of farmers to the fact that for seven BUCKEYE BINDERS sold by us and used during this season in this county, not a cent to our knowledge was spent for repairs.

NYE HARDWARE CO.

RETIREMENT OF AN OLD VETERAN.

CINCINNATI, O., July 20, 1882.

This is to certify that I have this day purchased of C. Aultman & Co., of Cincinnati, O., one of their No. 1 Mowers, with which I am well pleased; and I have given to C. Aultman & Co. my old BUCKEYE MOWER, made in 1857, and which has cut continuously twenty-six harvests—and large ones at that. The new Mower although lighter, and yet cutting as wide as the old, will, I trust and believe, do as good service as did the old.

CHRISTIAN REIBEL.

competitive field. Yet, though the BUCKEYE has such vast establishments for the manufacture of these machines, and employs hundreds of mechanics, at the beginning of the harvest of 1882 their vast warehouses were emptied of their last machine. It is, therefore, with entire confidence that they invite farmers who intend purchasing machines for the coming harvest to consider well the claims of the BUCKEYE.—*New York Tribune*, Sept. 4, 1882.

OLD FASHIONED CALENDAR FOR 1883.

JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
1 MONDAY	1 THURSDAY	1 THURSDAY	1 SUNDAY	1 TUESDAY	1 FRIDAY
2 TUESDAY	2 FRIDAY	2 FRIDAY	2 MONDAY	2 WEDNESDAY	2 SATURDAY
3 WEDNESDAY	3 SATURDAY	3 SATURDAY	3 TUESDAY	3 THURSDAY	3 SUNDAY
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JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1 SUNDAY	1 WEDNESDAY	1 SATURDAY	1 MONDAY	1 THURSDAY	1 SATURDAY
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30 MONDAY	30 THURSDAY	30 SUNDAY	30 TUESDAY	30 FRIDAY	30 SUNDAY
31 TUESDAY	31 FRIDAY		31 WEDNESDAY		31 MONDAY

PRESENTED BY C. AULTMAN & CO.

YB 2142 FCB

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