

ESTABLISHED 1855.

BRENNAN & CO.

Successors to Munn & Co.

ILLUSTRATED CATALOGUE

1879.

OF

1880.

Standard Farm Machinery

MANUFACTURED AT THEIR

SOUTHWESTERN AGRICULTURAL WORKS,

312 to 324 WEST GREEN STREET,

Bet. Eighth and Ninth.

Office, Corner of Eighth and Green Streets,

LOUISVILLE, KY.

Shoe Drill
No. 1.

See page 32-33

AGENT.

TO OUR PATRONS.

The SOUTHWESTERN AGRICULTURAL WORKS are now in the twenty-fourth year of successful operation, and the goods made in the establishment have become widely known throughout the West, Southwest, and South. It has been our aim to sell only such articles as would be satisfactory to the retailer and consumer, trusting that time would enable us to build up a reputation for doing good work and using good stock. The policy of this course has been fully exemplified, and we can to-day point with pleasure to thousands of articles which have been scattered abroad throughout the country from the Southwestern Agricultural Works that have given unqualified satisfaction to those who have used them.

The present edition of our Catalogue will be found to contain a greater variety of articles of utility to the farmer and the miller than any we have hitherto published.

It is our aim to pay prompt and strict attention to the wants of our customers, and we hope in this way, and by maintaining the character of our work, to receive a continuance of the patronage so liberally bestowed upon us.

GENERAL WARRANTY.

We warrant all machines to be well made, of good material, and to do good work, reserving the right to make any machine work by sending a competent person to see if there is any defect that cannot be remedied in the field or in use.

All Job Work, Repairs, or Extras are cash on delivery, or will be sent by Express, C. O. D.

N. B.

In ordering machines or repairs, give full directions for shipping. Give Town, County and State. There are frequently two towns of the same name in same State; therefore give name of county.

Our risk ceases as soon as we have taken a bill of lading or railroad receipt. If you want us to insure for you, you must state so in your order.

Address,

BRENNAN & CO.,

Corner of Eighth and Green Streets, LOUISVILLE, KY.

1879

1880

BRENNAN & CO.

SOUTHWESTERN

AGRICULTURAL WORKS,

Corner Eighth and Green Streets,

LOUISVILLE, KY.

ILLUSTRATED CATALOGUE OF IMPLEMENTS.

WE MANUFACTURE

Evans' Patent Corn Drills.

Excelsior Cider Mills, 2 sizes.

Iron Road Scrapers, 3 sizes, Steel bottom, do., one size.

Hand and Power Corn Shellers, 12 kinds.

Straw, Hay and Fodder Cutters, 9 varieties.

Iron Field Rollers, in 5 sections.

Hay and Cotton Presses, 2 varieties each.

Kentucky Sorghum or Cane Mills, 5 sizes, vertical.

Amber Sorghum or Cane Mills, 3 sizes, horizontal.

Overshot and Undershot Threshers.

Four and Eight horse Separators.

Wheat Fans, 3 varieties.

Kentucky Grain Drill, Lynam's Patent.

Kentucky Grain Drills and Fertilizers.

Kentucky Rice Drills.

One and Two-horse Railroad Powers.

Two, Four and Eight-horse Lever Powers.

Four, Eight and Ten-horse Mounted Powers.

Vairin's Wheel Harrows.

McGinness' Steel Tooth Harrows.

Circular Saw Benches.

Shingle Machines.

Lath Benches.

Saw Mandrels.

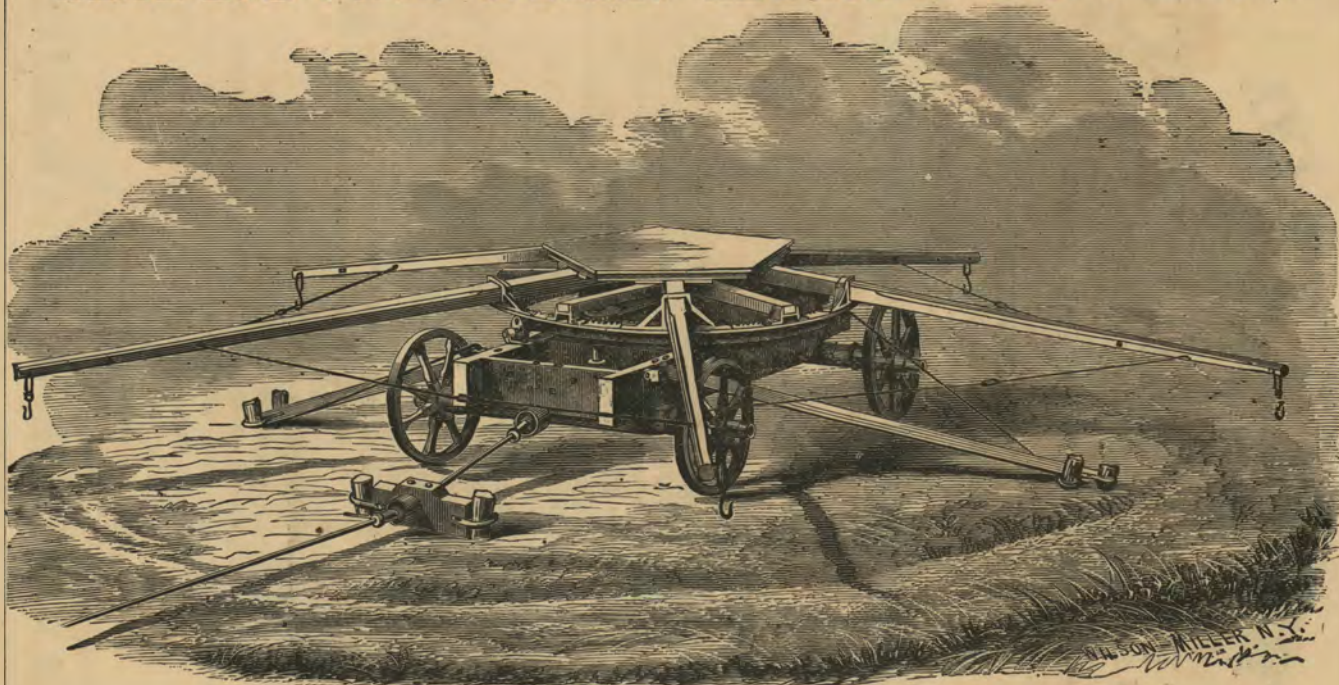
Meiner's Patent Head Blocks.

MULAY AND CIRCULAR SAW MILLS.

IMPROVED STAR HORSE POWERS.

2

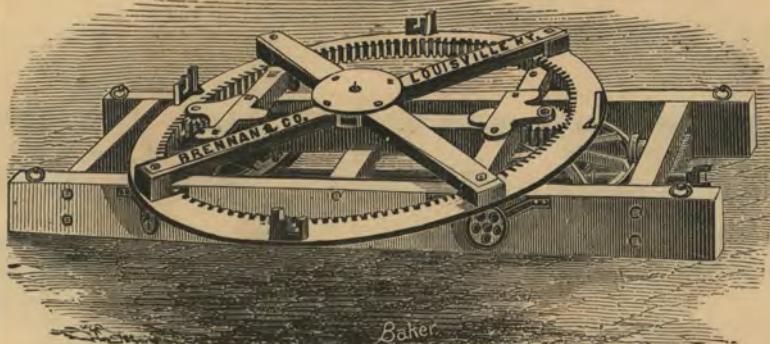
BRENNAN & CO.'S ILLUSTRATED CATALOGUE.



“STAR” POWER MOUNTED AND IN POSITION FOR WORK.

But for increased steadiness the wheels should be sunk in the ground about nine inches, when in operation.

Weight, four and six-horse powers, 2,100 pounds; eight-horse powers, 2,500 pounds; ten-horse powers, 2,600 pounds. (For description see opposite page.)



BRENNAN & CO.'S DOUBLE PINION Four or Six-Horse, Eight and Ten-Horse LEVER STAR POWER

SEE CUT ABOVE.

DOWN POWER---NOT MOUNTED.

It is unsurpassed for lightness of draft, and for giving the required speed to the cylinder, without urging the horses to a very fast gait. We have been assured by those who are using this Power, that the teams can maintain the speed for an hour or more without stopping, and as this is a great item with Threshing-Machine men we would call particular attention to the superiority of this Power over the great majority now in use.

Call and examine this Power before purchasing. It costs nothing to see what we are making.

PRICES OF DOWN POWERS.

4 or 6-Horse Power with Levers, Stay Rods, and two Tumbling Shafts...	\$140
8-Horse Power with Levers, Stay Rods, and two Tumbling Shafts.....	155
10-Horse Power with Levers, Stay Rods, and two Tumbling Shafts.....	165
Weight of Down Powers, 4 and 6-Horse, 1,750 lbs. 8-Horse 2,100 lbs. 10-Horse 2,200 lbs.	

STAR HORSE POWER MOUNTED ON TRUCKS.

See cut on opposite page.

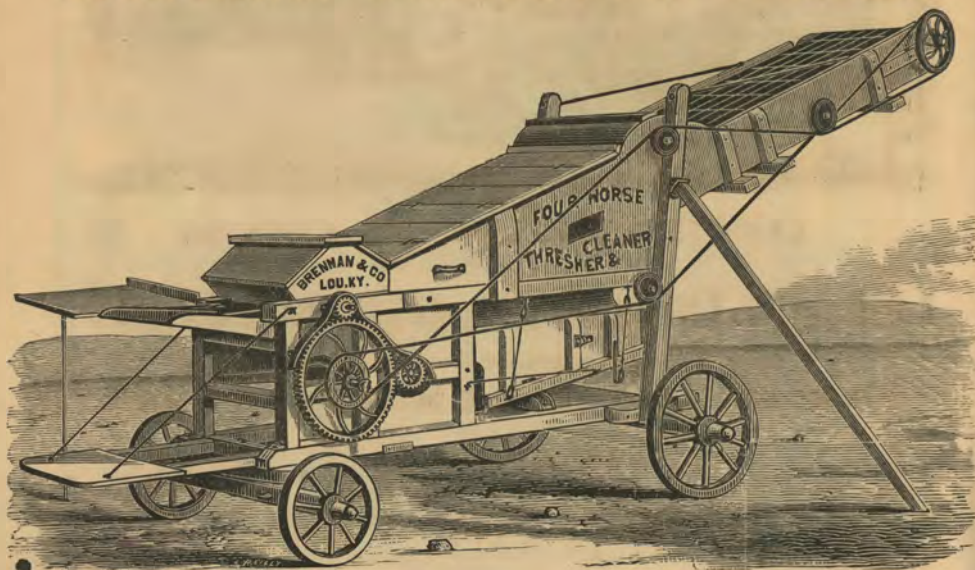
Especially built for them, and adapted to our Threshers and Cleaners. We make 3 sizes:

4 or 6-Horse Mounted, at.	\$195
8-Horse Mounted, at.	215
10-Horse Mounted, at.	225
The 4, 6 and 8-Horse have 4 Levers—the 10-Horse Power has 5 Levers—each Power has 3 Iron Tumbling Rods.	
Our 4 or 6-Horse Mounted Cleaner, Page 4, with 4 or 6-Horse Mounted Power, complete. is	450
Our 8-Horse Mounted Cleaner, Page 5, with 8-Horse Mounted Power, is	550

BRENNAN & CO.'S

Celebrated Louisville

FOUR-HORSE THRESHER AND CLEANER.



This cut represents our improved 4 or 6-horse Thresher and Cleaner ready for work in the field. We make them to be run either by our Star Lever Powers, (see pages 2 and 3), with Tumbling Shafts, or with a Pulley to be run by Portable Engines, where parties use steam powers.

We have given the same gear and motion to this machine that we use on our celebrated Louisville Eight-Horse Cleaner. We also use same punched sheet-iron Riddle of Ralston's patent. We believe this machine will fully meet the wants of all that class of farmers who raise grain and do their own threshing, and it is also convenient for moving in sections of the country where small crops are grown. It is light, easily managed, simple in construction, and durable, and will give satisfaction.

When run by Portable Engines, the speed should be calculated to run the Pulley on the Thresher Cylinder 1,200 revolutions per minute.

Price at our Factory, with 4-horse mounted Powers, (see page 2).....\$450

Price at our Factory for Thresher and Cleaner mounted, and with 4-horse

Down Power, as shown page 3 400

Separator alone, mounted on wagon 260

Four-horse Power alone, not mounted on wagon..... 140

If Wagon for Cleaner is not wanted, deduct..... 50

The actual weight of Cleaner mounted is only 1,500 lbs.

Shipping weight for Mounted Cleaner, and Mounted Power 4,000 pounds.



BRENNAN & CO.'S

CELEBRATED

Louisville Thresher, Separator and Cleaner.

Eight-Horse Long Down Power—Ralston's Patent.

KNOWN ALSO AS THE MUNN MACHINE.

The above cut is a representation of this machine as it appears when in operation. The machine is so well known to farmers and threshing-machine men that it is needless to expatiate on its merits. Numerous premiums have been awarded to it in different parts of the country, and certificates without number have been received by us and our predecessors setting forth its capacity and the quality of work performed by it.

We claim for this Cleaner the following advantages over all others:

First—Simplicity in construction, facility of management and durability.

Second—No complication of strap belts and pulleys to annoy the thresher. It is well known that the flat belt is liable by wear and changes of weather to stretch and become loose or to fly off the pulleys. This machine has but three belts, which are round, and run over grooved or shive pulleys. By unhooking these belts and twisting or untwisting them, they may be tightened or loosened at pleasure.

Third—These Cleaners will thresh and clean more wheat in a day, and do it better than any other of the same size, as they have two fans and two sets of riddles.

Fourth—These riddles are made of punched sheet iron, will outwear two sets of wire riddles, and will not choke.

Fifth—They will clean barley better than any other machine, the edges of the punched riddles breaking off the barb of the grain.

Sixth—They can be run by a tumbling-shaft, or we can furnish them with pulley to be run by belt and steam power where parties use Portable Engines.

Seventh—The power can be applied to either side or to the end of the machine, when run by tumbling-shaft, affording the facilities for setting the cleaner in a barn, if desired.

Eighth—All the pulleys are made of iron.

N. B.—When run by belt the cylinder should have 1,200 revolutions per minute.

PRICE.

Thresher and Cleaner, with 8-Horse Down Power, and Wagon for Cleaner, complete...	\$500
Thresher and Cleaner alone, with wagon	360
Thresher and Cleaner alone, no wagon	310
Eight-Horse Long Power alone, as shown in cut above	150
Thresher and Cleaner mounted, and 8-Horse mounted Star Power. (page 2 and 3.) ...	550
Shipping weight for Cleaner and Power, both mounted, 6,000 pounds. (page 2 and 3.)	

The Ohio Two and Four-horse Powers and Threshers

Also known as the **GROUND-HOG THRESHING MACHINE.**



We manufacture these in large numbers, and fill orders at short notice. They combine durability, strength, simplicity, and are easily managed by ordinary farm hands. They are so geared that the gait of the team gives sufficient speed for threshing, enabling the animals to retain their freshness and vigor. They are of light draught, not liable to overwork the teams. The Ratchet Socket can be attached to either side of the Thresher, allowing it to be placed in the best position. As the Power is stopped, the Tumbling Shaft ceases to revolve, leaving the Cylinder only in motion, obviating, in a great degree, the liability to accidents. They are easily handled; can be loaded or unloaded without difficulty. A common two-horse wagon is sufficient to transport them.

An extra set of pinions is furnished with each machine. The two-horse machine has but two levers, and no stay-rods between the levers, but can be fitted with four levers and stay-rods, if specially ordered, at an extra charge of \$7.

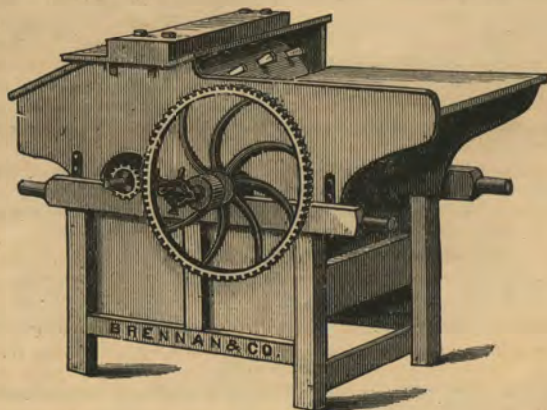
Price of Four-horse Power and Thresher, complete.....	\$175
Price of Two-horse Power and Thresher, complete.....	150
Price of Four-horse Power, alone.....	130
Price of Two-horse Power, alone.....	115
Price of Four-horse Thresher, alone.....	60
Price of Two-horse Thresher, alone.....	50

The Threshers have wood cylinders and clinched teeth, but where iron cylinders are specially ordered, there will be an extra charge of \$10.

We also manufacture a Two-horse Overshot Ground-hog Thresher at the same price as the Undershot shown above (See cut below), which we call the

TENNESSEE GROUND-HOG,

Which runs lighter than the Undershot Threshers. We can fit pulleys on these Ground-hog Overshot and Undershot Threshers, and adapt them to be run by belt from Gin Powers in the South, when so ordered, without extra charge. Of the Tennessee Overshot, we only make the 2-horse and always with wood cylinders.



Shipping weight of 2-horse Power and Thresher.....	1,450 lbs.
“ “ 4-horse “ “.....	2,000 lbs.
“ “ 2-horse Power alone.....	1,000 lbs.
“ “ 4-horse “ “.....	1,500 lbs.

THE "SOUTHERN PLANTER'S OWN" THRESHER AND SHAKER

BRENNAN & CO., Manufacturers, Louisville, Ky.



The above cut illustrates a small, cheap, and at the same time, very effective and durable Thresher, suitable to the wants of planters who raise a little wheat, rye, oats, and millet for their own use, and who do not need the larger class of machines we build for grain-growers.

This Thresher can be attached to gin-powers or to any other kind that drive by belt. It occupies but little space and is easily handled. The pulley on the cylinder is four inches in diameter, and should run at a speed of 1,200 to 1,500 revolutions a minute. The Shaker shown above separates the wheat and chaff from the straw, but does not clean the grain. We can furnish a fan-mill for that purpose if desired. Weight, 425 pounds.

PRICE, WITH SHAKER, \$50, WITHOUT SHAKER, \$45.



THE "SOUTHERN PLANTER'S OWN" HORSE POWER.

Brennan & Co., Manufacturers, Louisville, Ky.

The above cut illustrates a cheap and effective Lever Horse-power, applicable to various uses about a plantation. It can be run by either one, two, three, or four horses or mules as required. This power has four different speeds—two on the power and two on the jack. The main shaft on power runs $26\frac{1}{2}$ turns a minute. The counter-shaft on power runs 65 turns. The side attachment on the jack 65 turns. The rear attachment on the jack runs the jack-pulley 225 turns a minute. This gives all the speeds required for pumping water and running grind-stones, corn-shellers, feed-cutters, churns, saw-benches and threshing-machines. It weighs 1,150 pounds. The Power Thresher and Shaker weighs 1,600 pounds.

PRICE, WITH JACK, \$100, WITHOUT JACK, \$85.

Price of Power and Thresher, complete, with 30 feet of 4-inch 3-ply Gum Belt, \$145.

We can furnish either our Climax or Kentucky Chief Wheat-fans to go with this power at \$25.00, or our Dixie Fan at \$20.00, and our Portable Saw-bench and Saw for cutting fire-wood, \$50.00; and 30 feet of 4-inch 3-ply gum belt for \$8.00.

Send to us or to any of the hardware and implement men in the principal cities and towns in Kentucky, Tennessee, North and South Carolina, Georgia, Alabama, Mississippi, Louisiana, Texas, Arkansas and Missouri for an illustrated catalogue of Agricultural Machines and Saw-mills.

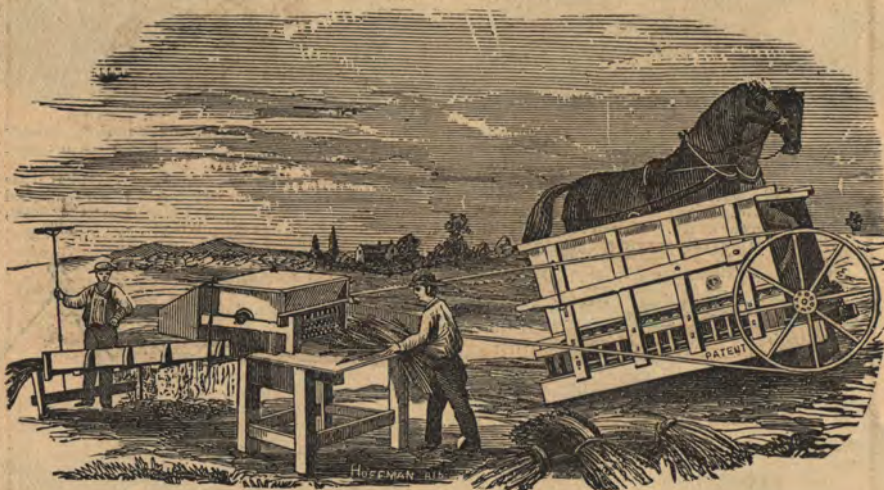
BRENNAN & CO., Louisville, Ky.

BRENNAN & CO.'S

Endless Chain or Railroad Powers.

—AND—

OVERSHOT THRESHERS.



Two-Horse Railroad Power Thresher and Shaker at Work.

With Overshot Thresher and Shaker at Work.

The above cuts show our Two-Horse Endless Chain Powers and Overshot Threshers and Shakers.

These Powers can be attached by belt to any other kind of machinery worked by pulley. They are admirably adapted to pumping water, shelling corn, and sawing wood. We make different sized band wheels from three to five feet in diameter, to give more or less speed.

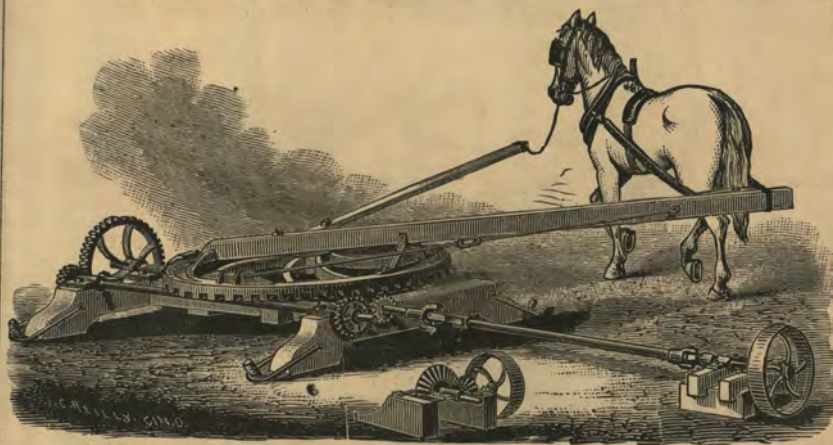
We also furnish Pumping Wrist when desired, which can be used without a band wheel or belt.

These machines do not clean the grain, but require a Fan.

We make also, a one-horse R. R. Power, which is used for various purposes, but especially adapted to cutting fodder, &c., &c., in stables or barns, as it occupies so little room and is very convenient.

Price of Two-horse Power, with Overshot Thresher & Shaker, complete, with belt.....	\$200
Price for One-horse Power, alone.....	120
Two-horse Power, alone.....	130
Two-horse Overshot Thresher and Shaker.....	50
Wagon for Power, if desired, extra, in all cases.....	50
Shipping weight Two-horse Power, 1,600 pounds. One-horse Power, 1,000 pounds. Thresher 400 pounds.	

Every Farmer's Horse Power.



The above cut illustrates our new Farmer's Horse Power, a machine wanted on every farm. This machine combines strength and lightness, real merit and cheapness, and is what we have tried for several years to get up and add to our list of Agricultural Implements. We furnish a pulley 12 inches diameter, $3\frac{1}{2}$ inch face to go on the end of the Tumbling Shaft, and at the ordinary walk of a horse or mule, this pulley or Tumbling Shaft on which it revolves, may have three different speeds. When the Tumbling Shaft is attached to Main Shaft, it runs $22\frac{1}{2}$ times a minute; when attached to first Counter Shaft, it runs 96 times a minute; when attached to second Counter Shaft, it runs 205 times a minute. The first speed is for pumping water and running a grindstone; the second for churns, cider-mills, fan-mills, small corn-shellers and small fodder-cutters; the third for larger kinds of corn-shellers and fodder-cutters.

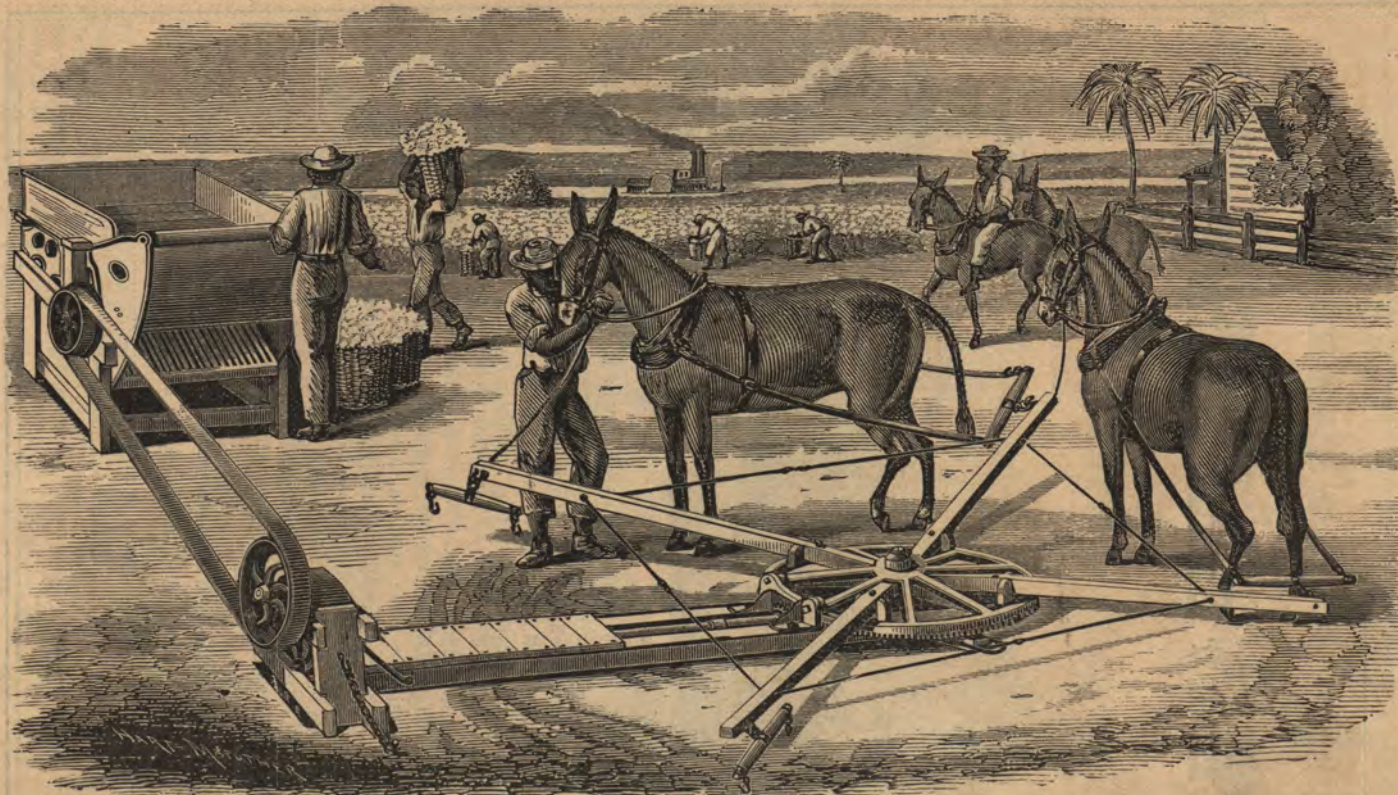
We also furnish, when ordered, a bevel-gear'd Jack and Pulley to attach to the Tumbling Shaft. This is for sawing wood, which requires a high speed.

Price of Power, with Tumbling Shaft and Pulley.....\$50 00

Price of Power, with Tumbling Shaft and Bevel-Gear'd Jack

and Pulley\$60 00

Total weight 600 pounds.



FOUR OR TWO-HORSE LONG POWER, WITH PULLEY OR BAND-WHEEL ATTACHMENT.

Price of Two-horse Power, \$130; weight 1,000 pounds. Price for Four-horse Power, \$145; weight 1,500 pounds. The Two-horse Power has but two Levers and no Stay-rods. We can make this Band-wheel or Pulley Attachment to any of our Ground Hog Powers, and they are capable of driving forty Saw Gins or any other machines not using over a 6-inch belt. Band-wheel or Pulley attachments, price \$15.00.

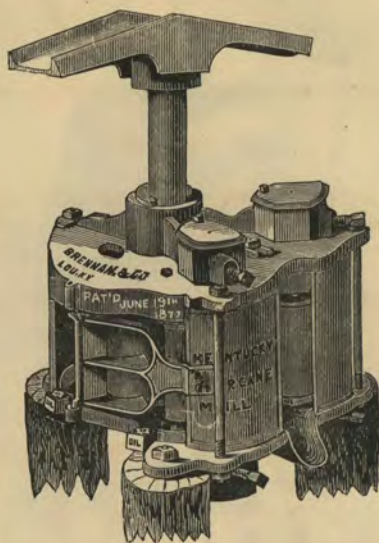
Louisville, Ky., July 1st, 1881.

N. B.—We call your attention to an error of the Printer in our “New Revised and Reduced Circular of the Ky. Sorghum or Sugar Cane Mills.” In the circular the price of a No. 3 Ky. is \$80.00, it should be \$85.00 as in the within list. Please correct your circulars with the alteration.

We hope to have your early orders.

BRENNAN & CO.

BRENNAN & CO.



LOUISVILLE, KY., June 1, 1881.

M

DEAR SIR:—We call your attention to our new revised and Reduced List of SORGHO AND SUGAR CANE MILLS for 1881. Please paste this list in our Catalogue on Page 12.

No. 0, Kentucky Cane Mill	\$ 40 00
No. 1, " " "	50 00
No. 2, " " "	65 00
No. 3, " " "	85 00
No. 4, " " "	100 00

KENTUCKY CANE MILLS.

GEARED FOR POWER.

No. 2	\$110 00
No. 3	130 00
No. 4	160 00

AMBER HORIZONTAL CANE MILLS.

No. 1, Amber Mill	\$55 00
No. 2, " "	75 00
No. 3, " "	90 00

We hope to be able to get up a series of plain 2 Roller Mill Irons for 1881. If we do, will advise you in time.

BRENNAN & CO.,
SOUTH-WESTERN AGRICULTURAL WORKS,
LOUISVILLE, KY.

POINTS OF SUPERIORITY

CLAIMED FOR THE

"KENTUCKY" MILLS

ECONOMY IN FIRST COST AND FOR REPAIRS.

These Mills have the gearing cast separate from the rolls, so that in case of breakage of a gear, an outlay of about three dollars will buy a new one. In other mills, where the gear and rolls are cast together, the breaking of even one tooth in the main gear involves an expense of from twenty dollars to one hundred dollars, according to the size of the mill. The price of these mills is much less than any other first-class mills, owing to the simplicity of the mill, and the low cost for labor and material, as well as our superior facilities for manufacturing,

ENCASED GEARING—SAFETY IN OPERATING.

The top plate is made with a flange which strengthens the plate, and at the same time covers the gear, so that all danger to the operator is obviated, and clogging of gearing prevented. A small hole is provided in the top plate to introduce oil or lard to the gear when required.

STRENGTH AND DURABILITY.

Every part of the mill is made in the strongest manner, and of the best material; the metal being distributed in the most judicious manner for strength. You pay for no material which is not wanted or needed. The shafts are made of the best Kentucky rolled iron, and the castings of the best charcoal pig-iron, tested by the highest standard for strength. The top and bottom boxes are of easy access for oiling, and if kept properly oiled will last for years without any cost for repairs. When the boxes are worn out they can be renewed at a very small expense. These mills can be used either as right or left hand; this adds to their durability by making the wear and strain more uniform. To use it right hand it is only necessary to remove the feed-box and work the horses gee instead of haw, and change the opening between the large and small rollers. We clean out the sand from the rollers—other manufacturers leave it in and plug up the holes, weigh it, and call it iron. Sand weighs heavy and is cheap.

SIMPLICITY.

By simply removing four nuts with the wrench provided, the mill can be taken to pieces and access had to any part of it for cleaning or repairs. Every journal can be oiled without removal of any part. The sweep-cap fits to shaft by square eye, which permits the cap and sweeps to be removed together without unbolting the sweeps from the cap. There is not a key about the "Kentucky." With no tool but a wrench, the operator can take his mill to pieces and put it together again in from ten to fifteen minutes.

OUR NEW IMPROVED PATENT REVERSIBLE FEED GUIDE.

The feed guide on the "Kentucky" is made so as to be worked on either side of the Mill. It has a division which facilitates the operation of feeding, keeps the stalks in place, and prevents them from lapping and crowding, and thereby overstraining the mill. Our feed guides are so constructed that advantage is had of using the full length of rolls; other makers contract the guide, so that the work is limited to less than the whole face of the rolls.

IMPROVED SWEEP-CAP.

The angling sweep-cap, used only on the "Kentucky," is a great improvement. By this plan you can use a straight sweep instead of having to rig a bent one, as is necessary with ordinary mills. This feature, taken in connection with

THE LONG MAIN SHAFT

Makes it possible to set the mill near the ground, so that it is more convenient for the operator to feed, and requiring shorter posts or frame, thus improving the running of the mill, as it stands firmer and runs steadier the nearer it is to the ground.

LIGHTEST RUNNING MILL.

Being free from all clogging of cane between the gear and rolls, and the rolls being raised from bottom plate, and having their bearings in a lubricated box in the bottom plate, the "Kentucky" is thereby relieved from the friction common to other mills, and consequently runs with much lighter draft.

QUALITY OF WORK.

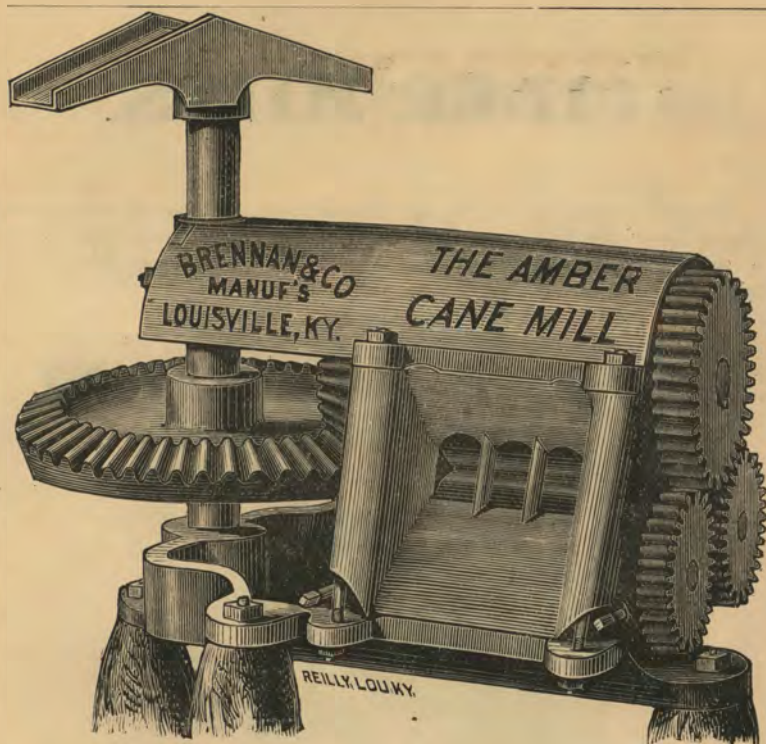
The work done by the "Kentucky" is of the best quality. It presses the cane dry, so that the bagasse can be burned—only a strong mill can do this. Mills with wooden rolls leave from 30 to 50 per cent. of juice in the cane. Those with cast shafts will break if rolls are set close, while those with rubber springs, etc., take care of *themselves* when the pressure is heavy by opening the rolls and allowing the cane to pass through *unpressed*.

FEEDS EASILY.

The rolls on the "Kentucky" being serrated, are all feed rolls when required. This is a great improvement over the old fluted roll, as it does not break the cane, but enables the mill to be worked either right or left hand, and feeds and discharges the stalks with more regularity and certainty.

N. B.—Our agents are advised in showing the mill to take it apart and let the customer see how easily this is done, as also to show the simplicity and strength of the mills.

We furnish a circular giving full directions for setting the mill, also for the cultivation of the sorghum crop.



We have also added to our series of Cane or Sorghum Mills for 1879 and 1880, three sizes of HORIZONTAL Mills as shown in cut above, which we have named after the new variety of sorghum now so highly spoken of in Minnesota and other Northern States. We call them the

HORIZONTAL AMBER CANE OR SORGHUM MILLS

We claim for these Mills:

- 1st. Extra strength in construction over other horizontal Mills.
- 2d. Our reversible feed guide, enabling the operator to work the Mill right or left handed, gee or haw, and thus doubling the wear and durability of the cog gear.
- 3d. Our angular sweep cap by which the Mill can be operated with a straight lever or sweep.
- 4th. Our reversible scraper at the rear of the Mill to prevent small pieces of cane from falling into the juice and clogging up the mill.

SIZES, WEIGHTS AND PRICE LIST.

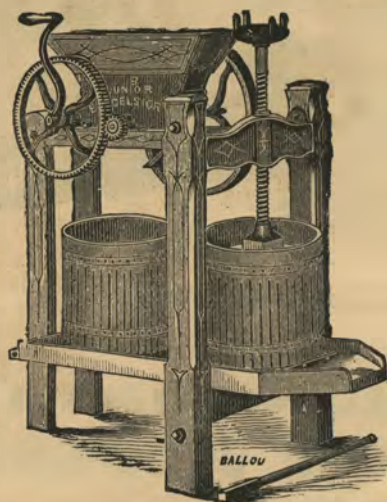
HORIZONTAL.	Lower Rollers		Upper Roller		Weight.	Capacity per hour.	Price
	Diam	Lngh	Diam	Lngh			
No. 1.—One-horse	6 in.	6 $\frac{3}{4}$ in.	9 in.	6 $\frac{3}{4}$ in.	500 lbs.	60 gal.	\$ 50
No. 2.—One or two-horse	6 in.	9 $\frac{3}{4}$ in.	9 in.	9 $\frac{3}{4}$ in.	575 lbs.	75 gal.	75
No. 3.—Two-horse.....	6 in.	13 in.	9 in.	13 in.	700 lbs.	100 gal.	100

CIDER MILLS.

We offer to the trade this year the Excelsior and the Junior Excelsior Cider Mills. These Mills have been in use for several years, and have been found to be strong, durable, and easy-working Mills. The apple crop promises to be a good one, and orders must be sent in early to insure being filled in time.

Junior Excelsior Cider and Wine Mill.

EVERY FARMER MAKES HIS OWN CIDER.



The above cut illustrates our Junior Excelsior Mill, and we pronounce it a perfect gem of a machine—handsome enough to go in the parlor. It works very easy, is highly finished, and capable of making from one to two barrels of cider in a day. It is well adapted for grapes also, and will prove just what farmers need who desire to make a little wine or cider for their own use. Boys can work this mill and call it fun instead of work.

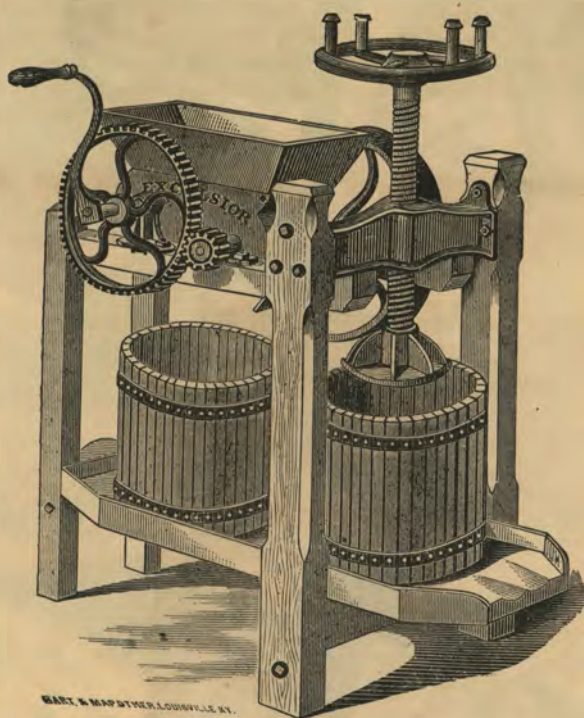
N. B.—This Mill has an iron cross beam through which the screw passes and will take in the largest size apples without cutting with a knife.

Price, with two Tubs.....\$20 00

Extra Tubs, each 1 25

WEIGHT, 150 POUNDS.

EXCELSIOR CIDER AND WINE MILL.



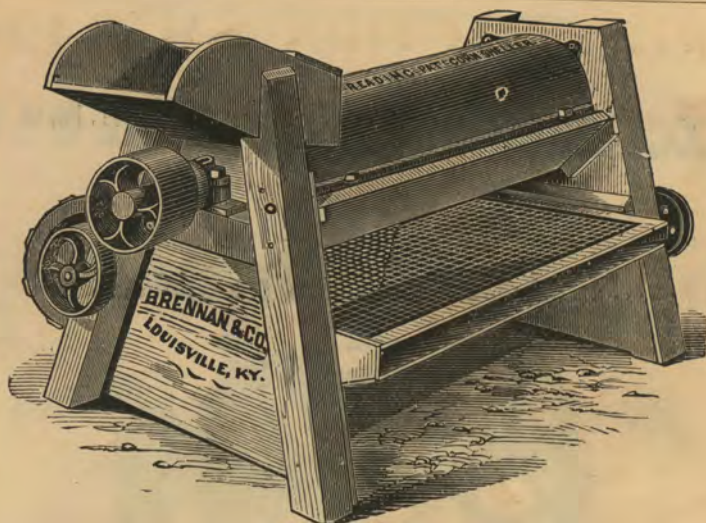
We ask your special attention to our **Excelsior Cider and Wine Mill.**

This machine is constructed with a Ribbed Cylinder and Crusher in such a way as to both crush and grind the fruit, thus depriving it of all receptacles that can contain any of the juice. The average product of these Mills is five barrels per day. The cross-beam, through which the screw passes, is made of iron, making it solid and substantial, rendering it impossible to get out of order. The screw is stout and does not tilt in pressing. The wood work is made from the best seasoned timber, richly striped and varnished, and the machine is wholly satisfactory and desirable. Weight, 350 lbs.

Price, with two Tubs,\$30 00

Extra Tubs, each, 1 50

OUR IMPROVED READING



POWER CORN SHELLER.

With Cylinders cast in one piece, and with Gear or Pulley Motion to the Screen

We also make the Shelling Shaft reversible, so that when the teeth are worn smooth on one side the bar can be taken out and reversed, end for end, the pulleys changed, and a new sheller bar saved to the purchaser.

This well known and popular Power Sheller is the simplest, strongest, and cheapest Sheller for its capacity and excellence that we know of. There being no springs or rubbers of any kind, it is not liable to get out of order or wear out. The ear corn is shoveled into the hopper; the cylinder, with its shelling teeth revolves quickly among the crowded ears, and by friction against the corn itself shells the corn and brings up to the top the light shelled cobs, and discharges them separately at the end opposite the hopper. The corn is discharged through the openings in the bottom of the cylinder.

For large Grain Shippers, Elevators, Distillers, and Corn Mills, there is no Sheller to be compared with this. Its capacity is from 800 to 1,200 bushels per day, with steam power. We build

No. 1, plain, at \$65; weight 400 lbs.

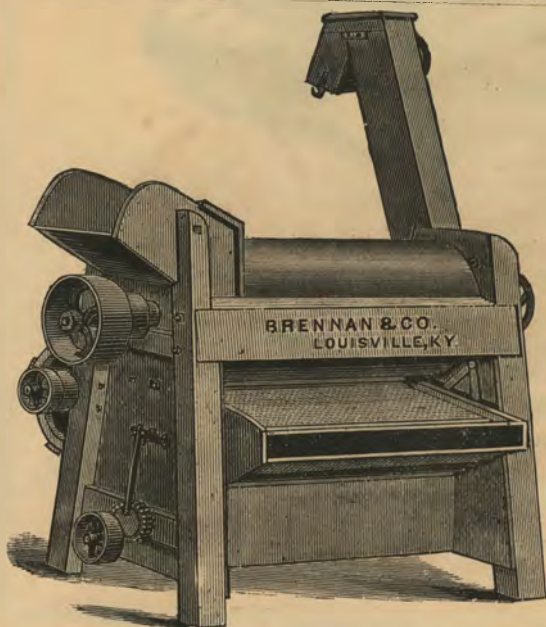
No. 2, with Fan and Separator..... 85; weight 600 lbs.

We can fit them to attach to a Tumbling Shaft Horse Power at an extra charge of \$12.

OUR IMPROVED READING Power Corn Sheller,

—WITH—

ELEVATOR.

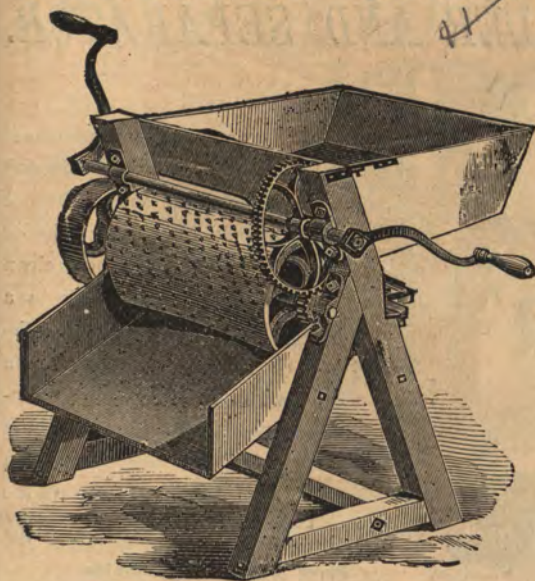


The accompanying cut illustrates the same Sheller with an Elevator for taking up the shelled corn for delivery in bags, which may be hitched on to the spout. This will be found very useful for shippers at or near railroad depots.

Of this we only build the

No. 2, price \$100; weight 700 pounds.

VIRGINIA CORN SHELLER.

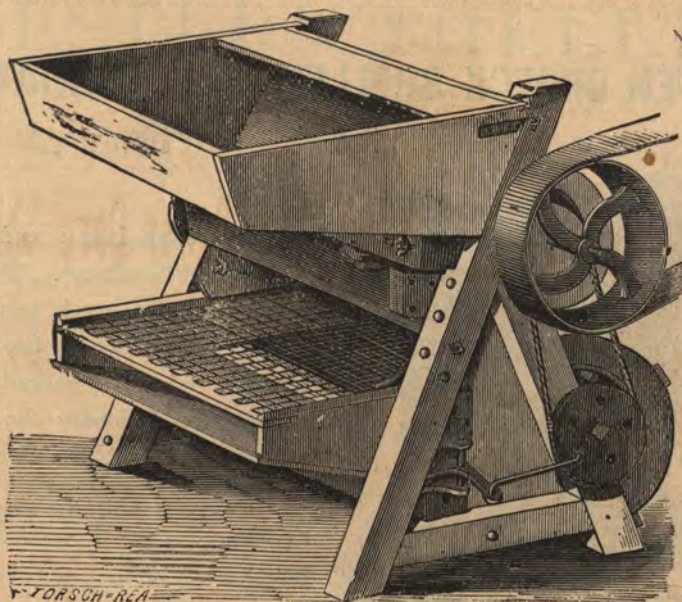


For farmers who raise large crops of corn, or distillers who want to shell rapidly, this is the Sheller. It has two cranks and a pulley, and can be run by double hand power or horse or steam power. It shells from 300 to 400 bushels a day, delivering the cobs separately. It is substantially and handsomely built, and meets a want long felt. We have sold many of them, and they have given satisfaction. Below we show it with Fan and Sifting Attachment, for corn mills, distilleries, &c.

Price, plain, \$25.

Weight 230 lbs.

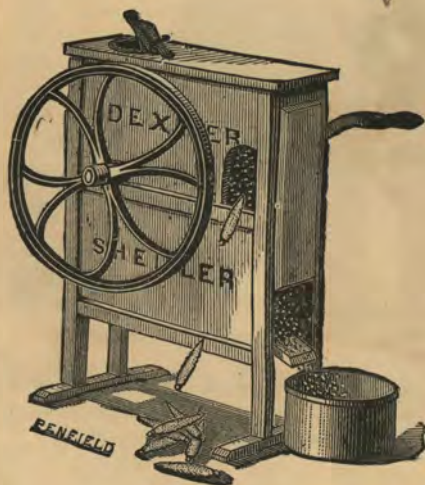
VIRGINIA SHELLER AND CLEANER.



To run by Power only. Price with fan and cleaner, \$40.00.

Weight 320 lbs.

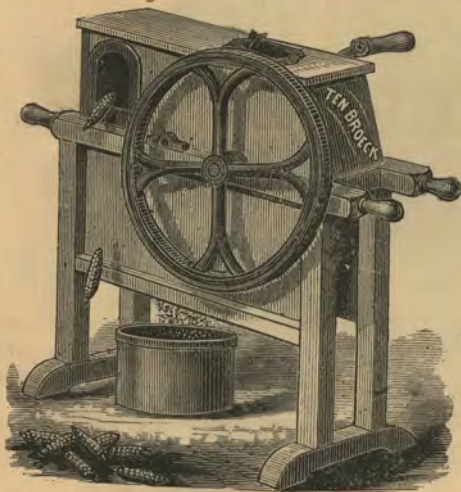
DEXTER SHELLER AND SEPARATOR.



After several years experimenting to get up a Sheller that would separate corn and cob, and at the same time shell clean, we now offer to the public our Dexter Sheller and Separator. This Sheller shells clean and runs light. It does the work in a manner that will give the purchaser satisfaction. In fact we are of the opinion there is no Sheller in use that will compare with it that can be bought at any thing like the same price. We now make them to deliver the shelled corn underneath the sheller as shown in the cut below.

Price \$10. Weight 110 lbs.

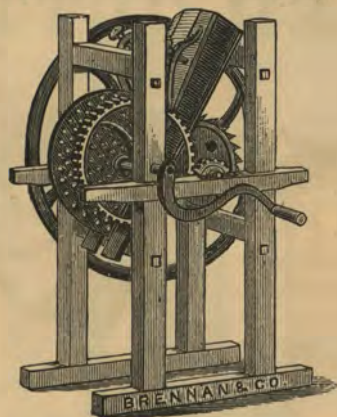
THE TEN BROECK SHELLER AND SEPARATOR.



We have just introduced a new Sheller and Separator. This can be worked at a much less rapid motion in turning by the operator, as it is double-gearred at the side, and is decidedly the handsomest machine in the market.

Price \$12.00
Weight 110 Lbs.

KENTUCKY DOUBLE SHELLER



The above cut illustrates a very strong and durable double-spouted Sheller, which we can recommend as well adapted to Southern corn, and just the thing for shippers who can not use any other than hand power to shell. It shells rapidly and runs light.

Price \$25. Weight 240 lbs.

WESTERN SHELLER, SOUTHERN SHELLER, BOX SHELLER.

We also still manufacture, the

Western Sheller, 2 Fly Wheels.....	Price, \$11.00
Southern Sheller, 2 Fly Wheels.....	Price, 9.00
Box Sheller, 1 Fly Wheel.....	Price, 8.00

These Shellers do not separate the corn from the cob, and are going out of use, but they are well known old favorite brands and we can furnish all that may be wanted when ordered.

FODDER CUTTERS.



We have introduced for our trade an entire new series of Fodder Cutters, and style them the

Kentucky Dexter Fodder Cutters.

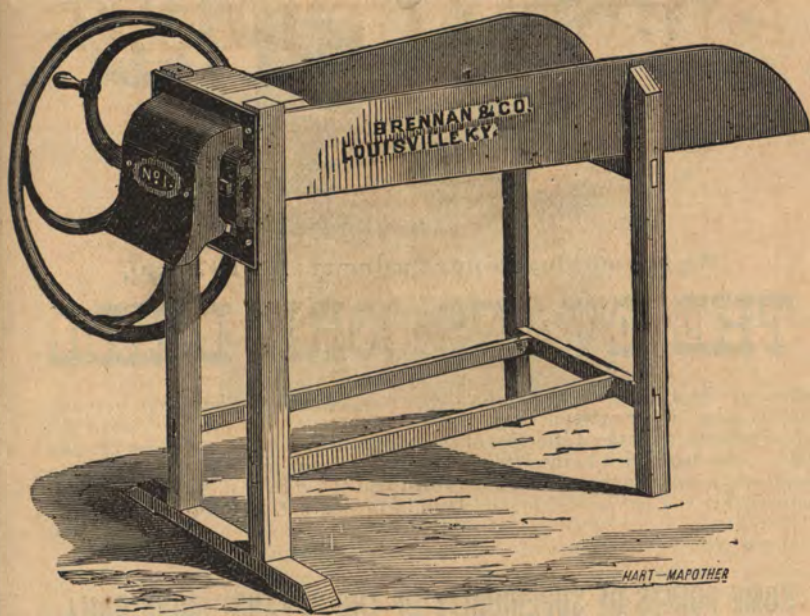
The above cut illustrates our 6, 7 and 8-inch knife sizes of these Fodder Cutters.

These all have one change of feed made by transposing the two small feed-gear on the fly-wheel side, putting the wheel that is on the lower shaft on the top shaft, and the one on the top shaft below. They are a strong, cheap cutter, and will cut HAY, OATS, STRAW, FODDER, PEA VINES, MILLET, &c., and will be found just the thing for farmers' and planters' own use.

PRICES.

No. 1—Two 6-inch Knives.....	\$15 00.	Weight 100 lbs.	Cuts, $\frac{1}{2}$ inch.
No. 2—One 7-inch Knife	20 00.	Weight 130 lbs.	Cuts, $\frac{3}{4}$ inch.
No. 3—One 8-inch Knife	25 00.	Weight 145 lbs.	Cuts, $\frac{3}{4}$ inch.
Extra Knives, 6-inch.....	50 cents, each.		
“ “ 7-inch.....	65 cents, each.		
“ “ 8-inch.....	\$1.00 each.		

SANDFORD STRAW CUTTER



40,000 Now in use. Made in this City and Vicinity.

This old and well known popular cutter for hay and straw only, is without doubt, the cheapest and best in use for small feeders. We are manufacturing them in great numbers, and of the best materials, and can fill orders promptly.

We are prepared to furnish extra Knives, Rollers, or Castings at short notice, as we always have them in stock. Purchasers can send their Rollers by Express, and have Knives reground and sent back the same day we receive them.

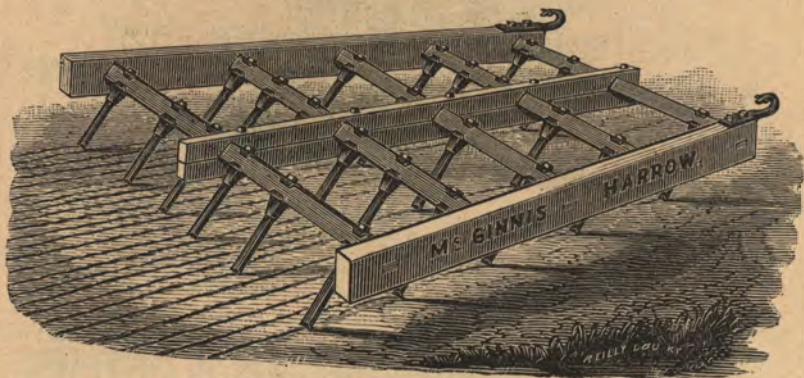
Price, No. 1, \$10. Weight 120 lbs.

Price, No. 2, \$8. Weight 100 lbs.

Our charge for regrinding the 40 Knives of either size is 5c. per knife.

No. 1 Knives.....	.15	No. 1 Rollers, set complete.....	6.50
No. 2 ".....	.10	No. 2 " " ".....	5.00
No. 1 Rollers, wood,.....	.35	No. 1 Front, Plate.....	1.00
No. 2 " ".....	.35	No. 2 " ".....	.75
No. 1 Gears, each,.....	.25	No. 1 Fly Wheel.....	2.50
No. 2 " ".....	.25	No. 2 " ".....	2.00
Box Cap in front of axles.....	.20	No. 1, or No. 2 Bonnet or cover.....	.75

THE M'GINNIS PATENT HARROW



ON ENTIRELY NEW PRINCIPLES.

Adapted for all purposes of Harrows, Sod Cutters, and Smoothers—Does the work of all.

Steel Teeth, Sharp, Two-edged and Reversible when dulled, with patent cast iron clamps to hold the teeth. This harrow

NEVER GORGES,

but prepares the soil more thoroughly and deeply with two, than other Harrows with four workings. It also cultivates corn and wheat.

**SEND FOR DESCRIPTIVE CIRCULAR WITH TESTIMONIALS
AND FULL DIRECTIONS.**

We have the right to manufacture and to sell the above celebrated harrow in the States of North and South Carolina, Georgia, Alabama, Mississippi, Louisiana, Texas, Arkansas and Missouri, and with right to supply in Ohio, Indiana and Illinois.

This is in our opinion the best drag harrow-invented.

Price of 6-foot Reversible Steel Teeth Harrows, \$20.00.

BRENNAN & CO.'S FIELD ROLLER



The above cut illustrates our new Iron Field Roller. It is made in 5 roller sections. Each section is a double armed roller 27½ inches diameter, and 12½ inch face, and weighing 160 pounds. These five section rollers revolve on a two-inch shaft, and the shaft also revolves in heavy, strong iron hanger boxes at each end. The weight of the roller complete is 1,250 pounds. But any additional weight can be placed in the box on top made for that purpose. It has a nice spring seat for the driver, and has tongue, double-trees, and neck-yoke complete. Price, \$65.00. We can also furnish Lawn Rollers with iron handles with one section for \$10, and with two sections for \$20.

BRENNAN & CO.'S POND AND ROAD SCRAPER.



We make three sizes of this well-known popular, and cheap Pond and Road Scraper.

- | | |
|------------------------------|---|
| No. 1, Light, one horse..... | 25 inch, weight 75 pounds, Price \$5 00 |
| No. 2..... | 26 inch, weight 100 pounds, Price 6 50 |
| No. 3..... | 31 inch, weight 160 pounds, Price 9 00 |

We also make a No. 3, **STEEL BOTTOM**, 31½ inch Railroad Scraper, with chain bale and heavy oak sides and back, suitable for Railroad contractors.
Price\$10.00.

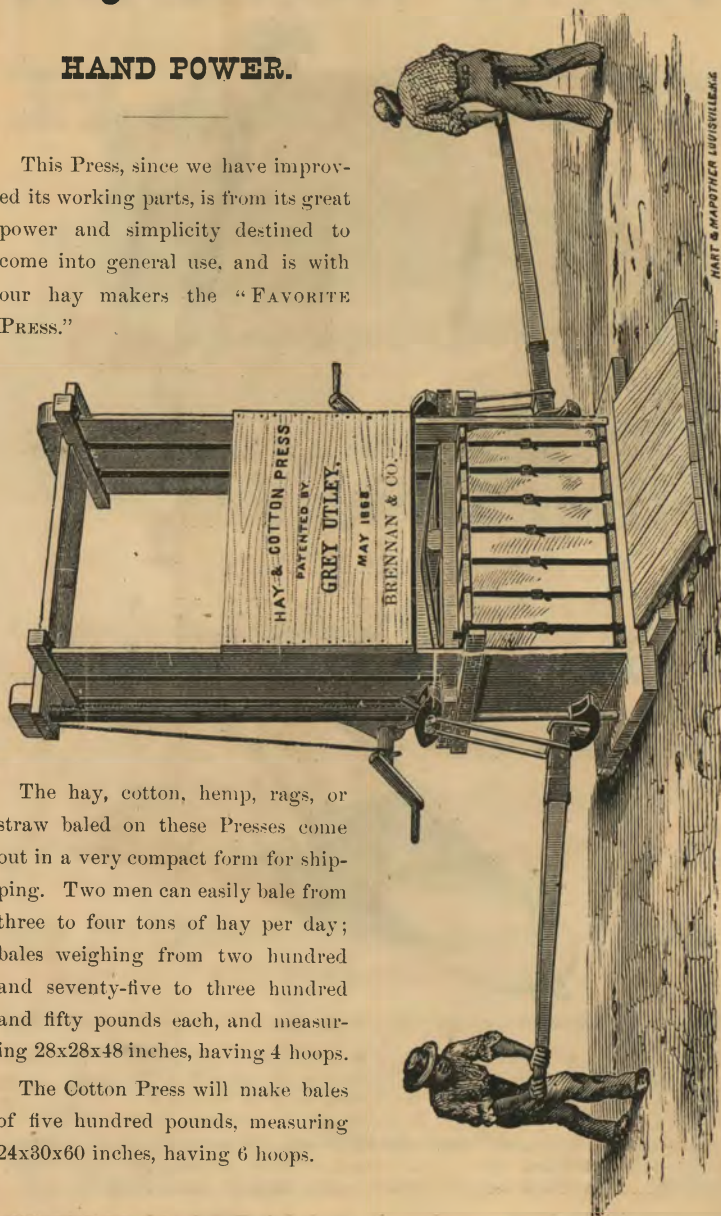
UTLEY'S PATENT Hay and Cotton Presses.

HAND POWER.

This Press, since we have improved its working parts, is from its great power and simplicity destined to come into general use, and is with our hay makers the "FAVORITE PRESS."

The hay, cotton, hemp, rags, or straw baled on these Presses come out in a very compact form for shipping. Two men can easily bale from three to four tons of hay per day; bales weighing from two hundred and seventy-five to three hundred and fifty pounds each, and measuring 28x28x48 inches, having 4 hoops.

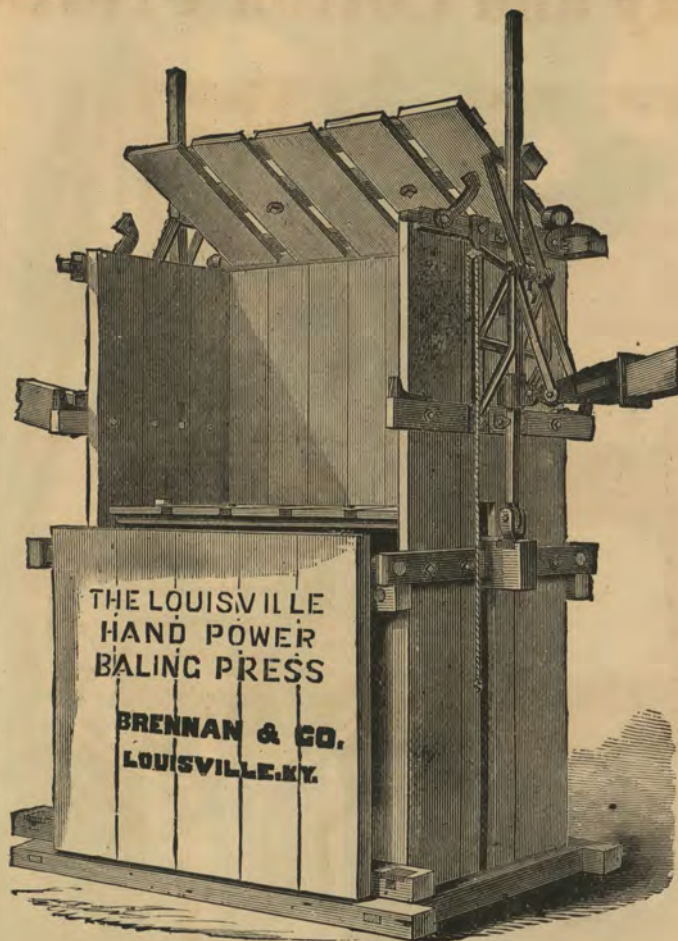
The Cotton Press will make bales of five hundred pounds, measuring 24x30x60 inches, having 6 hoops.



Weight of Hay Press, 1,600 lbs. Price,.....\$140 00 | Weight of Cotton Press, 3,000 lbs. Price,.....\$190 00.

The Hay Press is shipped put together; the Cotton Press is shipped in pieces.

BRENNAN & CO.'S LOUISVILLE BALING PRESS.



We commenced building this Press in 1856, and are still building them for the trade. We make all the irons extra heavy and strong for the work required, and to suit the labor of the South.

These Presses are admirably adopted for hemp, rags, hair, hay, shucks, moss, and cotton. We build them of various sizes for these various purposes.

For Hemp the bale is 26x26x45 inches, extra heavy, price	\$150
For Hair the bale is 24x24x52 inches, extra heavy, price.....	150
For Hay, Rags, Moss, and Shucks, the bale is 28x28x48 inches, price.....	120
For Cotton the bale is 24x30x60 inches, extra heavy, price.....	160

The smaller sizes weigh about 1,600 lbs. The Cotton Press weighs about 1,800 lbs. They can be shipped either set up or knocked down, as required. The Cotton Press is well adapted to the South American trade. It is a 6-hoop Press.



This is a RIDING Drill. The Driver MUST ride when DRILLING as well as when going to the Field.
 We have attached a Fertilizer to our Drill not shown in the above cut, and can furnish them with Fertilizers, if ordered early in the season.

THE KENTUCKY GRAIN DRILL.

JOHN T. LYNAM'S PATENT.

The cut on opposite page illustrates a Grain Drill which we think will meet the wants of the grain producers of the South and West, and prove to be what they have so long been waiting for, viz: A strong, simple, effective Drill, that does not require skilled labor to manage, or a machinist to be on hand with his tools ready to repair, or a practical engineer to explain its complicated machinery, and show how it is to be operated. *This Drill will work in lands where other Drills will fail.* It can be easily managed by any one capable of driving a pair of horses or mules, and is eminently adapted to corn lands and lands with a heavy growth of weeds turned under.

Not a cog-wheel, not a belt, no complication, no bother, no breaking of pins and putting in new ones, no stopping to clean out trash, weeds, stalks, sods, clumps, stones and roots. The steel springs ride over any obstruction the edge of the shoe can not divide, and the shoes, instead of gathering like a rake all the trash before them, leave it behind and clear themselves.

The springs attached to the hoisting bar and to the front of the shoes allow the shoes to conform to the inequalities of the ground, and at the same time hold them down steady to their work, securing an unequaled uniformity in the depth of the furrows, depositing the grain at the proper germinating point.

We are happy to announce to our patrons that we have added to our Spring Drag Drills a *Fertilizer Attachment for sowing bone dust, phosphates, guano and plaster* in the furrows with the wheat. We have studied to make this improvement so as to present the same simplicity of construction and ease of management already found in our Grain Drill; not a cog-wheel about it; the motion is very simple, and the flow of the Fertilizer under perfect control of the driver without moving from his seat.

We are also happy to announce to the rice planters of the South that we have this year adapted our Drill to sowing *Rice* and made it a complete success. We are permitted to give the following testimonial of its work in the rice fields of Georgia.

BRUNSWICK, GA., March 10, 1879.

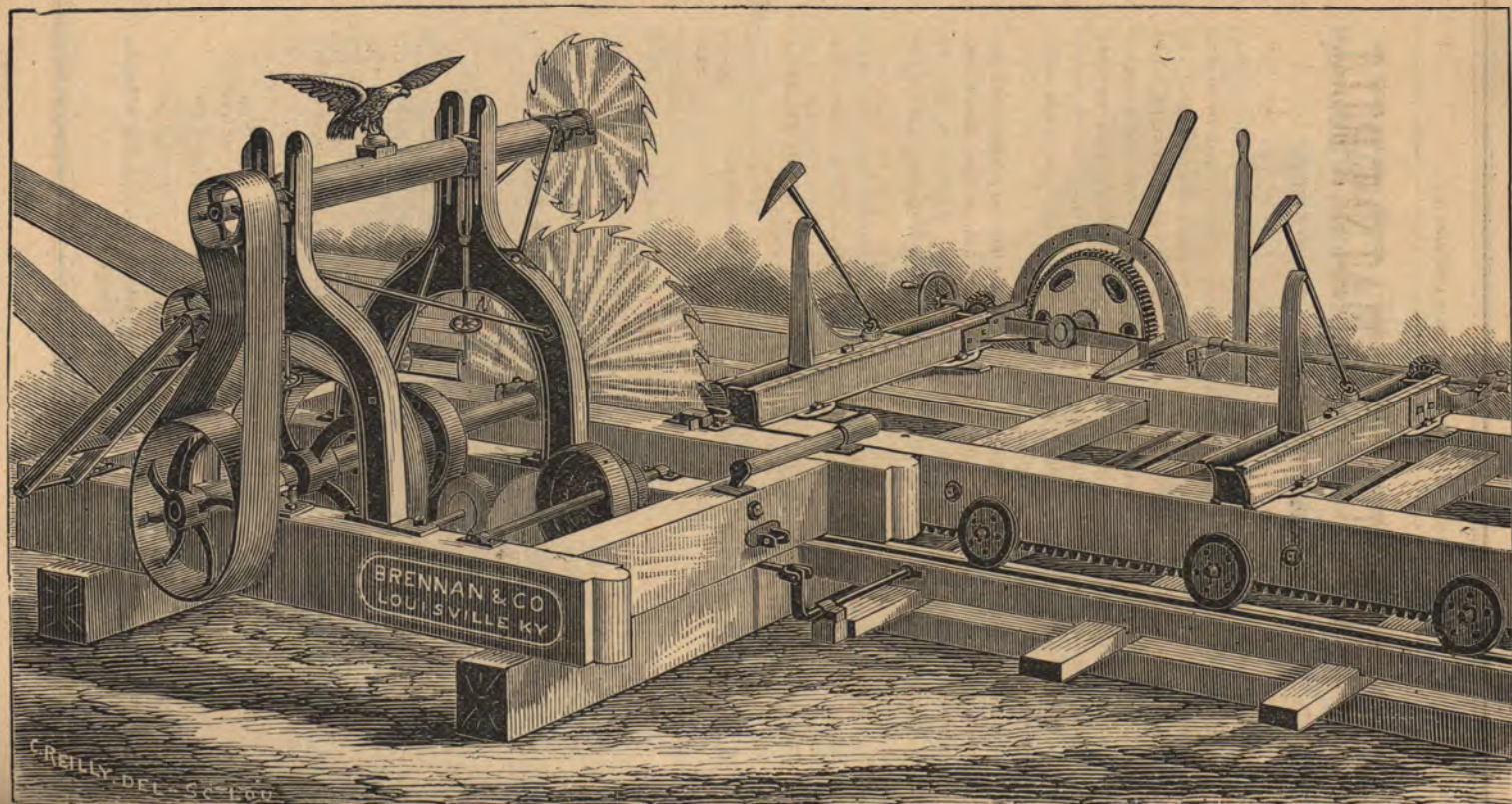
Messrs. Brennan & Co.:

GENTLEMEN—Your Drill as I stated in my last letter was in the field and ready to be put to work on the morning of the 3d inst. I have used it the entire week with the most satisfactory results, making from 16 to 17 acres per day, whilst under exactly the same conditions I did not make over 6½ acres per day with my McSherry Drill. I used 10 of the latter and one of yours last week, and would not give one of yours for any three of the McSherry. You can refer to me for a certificate if you desire. Yours respectfully,

JAMES M. COUPER.

Price of Kentucky Grain Drill, 8 Shoes.....	\$70 00
Price of Drill and Seed Sower, 8 "	75 00
Price of Drill and Fertilizer, 8 "	95 00
Price of Drill, Fertilizer and Seed Sower, 8 Shoes.....	100 00
Price of Rice Drills, 4 Shoes.....	80 00

The Rice Drills has four shoes sixteen inches apart, each opening a furrow five inches wide.



Our Standard Portable Circular Saw-Mill.

STANDARD PORTABLE CIRCULAR SAW-MILLS.

The cut opposite gives a representation of our Portable Saw-mills, which are favorably known throughout the Southwest. We claim for them the following advantages over all others:

First—Simplicity and strength in construction. The frames are made of the very best yellow pine, the timbers being extra large and strong.

Second—The long carriage, which is made of extra strength, sets upon five stout wrought-iron axles, which extend entirely across the carriage, by means of which the weight of the log is evenly distributed, and no one portion of the carriage is subjected to extra strain.

Third—Our carriage-rack and pinion are heavy and strong, and will outwear a great many of the lighter racks now in use.

Fourth—The new top rigging for double mills has very great advantages over any in use, being stronger and stiffer than those generally furnished by other makers.

These Mills, with proper motive power, will cut as much lumber as any mills in use, and an examination will substantiate all we claim for them. We also furnish the new and improved friction feed.

We call attention to the following reduced list of prices:

Price of Single Standard Mills with Meiner's Patent Double Setting Lever and Screw Head Blocks.

[See Cut, Page 4.]

With 24 foot carriage and 48 inch saw.....	\$500
24 " " 50 "	510
24 " " 52 "	530
24 " " 54 "	550
24 " " 56 "	570
24 " " 58 "	590
24 " " 60 "	605

N. B.—Our Carriages are all 30 feet long on the Rack side.

Price of Double Mills with Same Head Blocks.

With 24 foot carriage and 48 and 30 inch saw.....	650
24 " " 50 30 "	660
24 " " 52 30 "	680
24 " " 54 30 "	700
24 " " 56 30 "	720
24 " " 58 30 "	740
24 " " 60 30 "	755

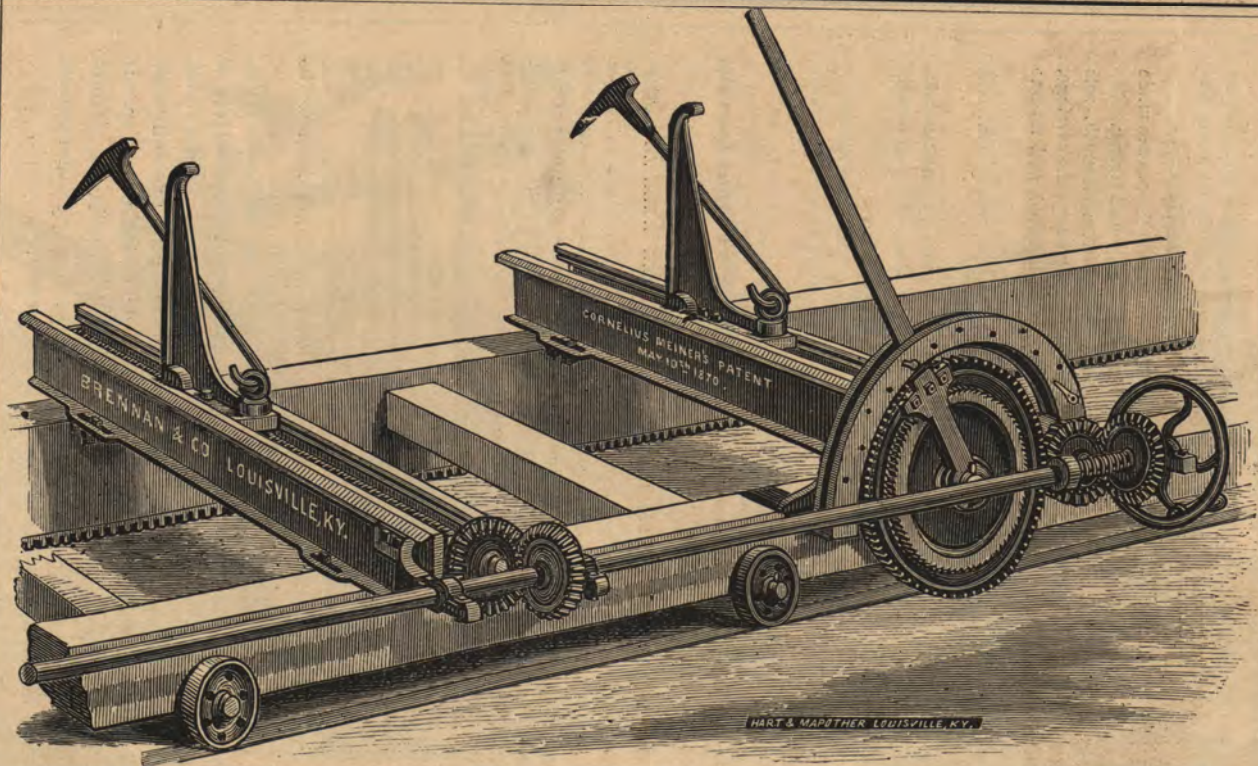
Extra carriage, per foot, \$5. Extra head block, \$90.

These mills include, at the above named prices, the inside belts, 1 saw wrench, 1 bolt wrench, 1 oil can, 60 feet of flat and 60 feet of wrought iron V ways, with screws for ways and bolts to bolt the mill down, a saw set, an upset or swage, and are delivered free of drayage at any railroad depot or at the wharf in our city. If single setting screw-head blocks are preferred, deduct \$100 from the above prices. For all extras and any other article needed about a saw-mill see page 48 for prices.

DOUBLE SETTING LEVER & SCREW-HEAD BLOCKS

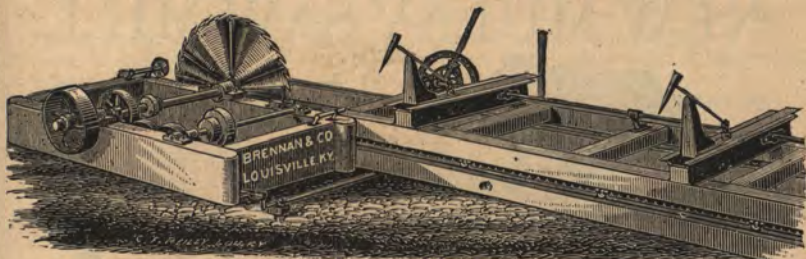
CORNELIUS MEINER'S PATENT.

Price, \$200.



After thorough examination of the various Patented Double Setting Head Blocks, we have adopted this as the simplest, least liable to get out of order, most durable, and the most accurate of any in use. The complaint against Double Setting Head Blocks is their inaccuracy from loss of motion in wear and constant use. This is provided with a simple and perfect method of taking up lost motion, making the lumber true and even. We build them for various widths of carriages.

PLANTATION MILL.



The above cut illustrates our Plantation Saw-mill. This is a light mill that can be run successfully by Portable Threshing Engines or Small Water Powers, and will handle logs up to three feet in diameter with ease, and larger logs can be sawn by slabbing off two sides and turning down. This mill embraces

ALL THE LATE IMPROVEMENTS.

It is capable of cutting from 2,500 to 3,500 feet of lumber in a day, requiring but one hand to start, back and stop the mill and set the log, and the whole mill can be easily transported in two common country wagons. In fact the mill, carriage, head blocks, saw and track irons can be hauled in one common two-horse farm wagon, as it weighs, without the mud-sills and track-timbers, only 1,600 pounds. These mills have

Double Setting Lever, and Rack and Pinion Head Blocks.

20 feet of carriage running on rollers, 50 feet of iron ways, and we furnish with them one saw wrench, one bolt wrench, one swage, one saw set, one oil can, bolts to bolt the mill down, and screws for the track-irons and deliver at wharf or railroad depot here. Our prices for this mill are:

With 36 inch saw.....	\$300
With 38 inch saw.....	310
With 40 inch saw.....	320
With 42 inch saw.....	325
With 44 inch saw.....	335
With 46 inch saw.....	340
With 48 inch saw.....	350
With 50 inch saw.....	360

Extra carriage, per foot, \$2.50. Extra head blocks, \$40.

We give below for the reference of our Southern customers one of the numerous certificates we could publish if we had room, showing how this mill will give satisfaction to the purchaser:

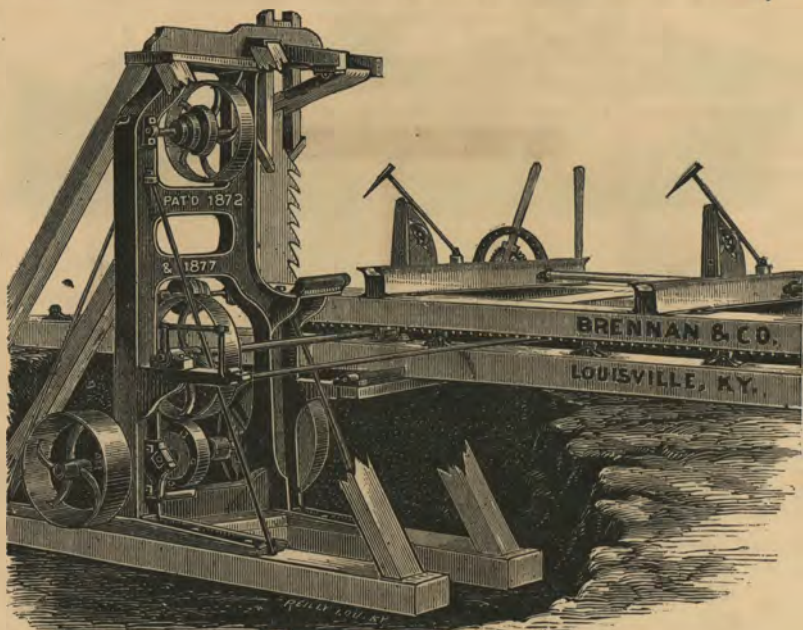
PRIOR'S STATION, GA., Dec. 7, 1878.

Messrs. Brennan & Co., Louisville, Ky.:

GENTLEMEN—The 48-inch Plantation Saw Mill purchased of you this fall is at work, giving entire satisfaction, and coming up to all you claim for it. It is by far the lightest running, simplest and most compact and complete saw mill I ever saw. It takes less hands and makes the smoothest and prettiest lumber of any mill I know of. Yours, very respectfully,

N. J. TUMLIN.

BRENNAN & CO.'S NEW MULAY SAW MILL.



The above cut illustrates our New Iron Frame

PATENT PORTABLE MULAY SAW MILL.

We have made this mill expressly for light Portable Engines, such as are used by threshers; also, for small water and steam powers, or for any horse power capable of driving a 60-saw gin. We set one up in the Louisville Exposition in the fall of 1878, and run it for six weeks to the perfect satisfaction of all the mill men who saw it in operation, using only a 4-inch 3-ply gum belt to drive it.

This mill is made very strong and durable. The main frame is cast in one piece, and the main shaft is fitted to the frame with oil cups and Babbitted boxes. The pitman is so constructed as to give the saw a vertical perpendicular downward stroke, and at or near the completion of the stroke to draw from the cut, taking out the saw-dust and preventing choking the saw. The upper end of the saw is held by a yoke of hard maple, which is swung from a shaft at its further end, attached to a strong casting, bolted to the top of the main frame. The carriage is twenty feet long and in two sections, of the same style as those we use on our Plantation Circular Mills, running on rollers. The head blocks are double setting, with rack and pinion set by lever, and are moveable on the set shaft.

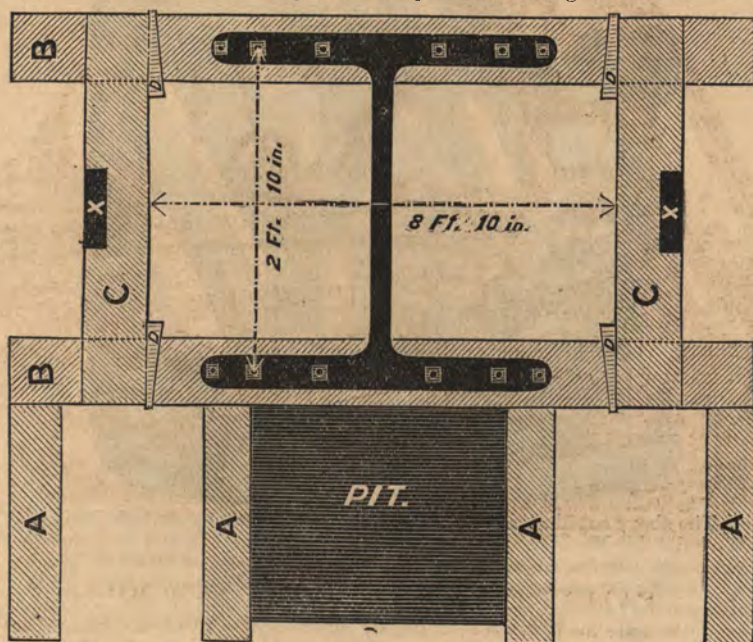
This arrangement makes it a *side cut mill*, leaving no stump shot.

This mill has our new latest improved friction feed, which the operator has under complete control as he stands at the far side of the carriage, thus enabling one man to set the log, and start, back and stop the mill without moving from his station. This mill is capable of cutting from 2,000 to 3,000 feet of inch poplar boards per day, with three men to attend it, and can be run by two men if the logs are not too heavy to handle.

It can be set up in the woods or anywhere it may be most convenient in two days, and can be moved from place to place in two common country wagons.

We furnish with the mill the track timbers and cross ties in sections framed and ironed ready for use, the saw and all the inside belts, one file, one oil can, one monkey wrench, one saw set, one swage, one crow-bar, one cant hook, two lumber clamps.

The diagram below shows the size and position of mud sills, the purchaser will have to hew and place in the pit before setting the mill.



AAAA, are ten mud sills, to lay in the ground under the carriage track; they may be of hewn or sawed stuff, 6x8 inches, and 7 feet long. BB, are two mud sills, for the iron frame of mill to stand on, 10x14 inches, and 12 feet long. CC, are two cross-ties, halved in same and held by keys DD. XX, are two cast-iron seats we furnish to hold the wood braces of the mill. The distance apart of sills BB and CC, are shown in diagram.

Prices and Shipping Weights of Brennan & Co.'s Mulay Saw Mill.

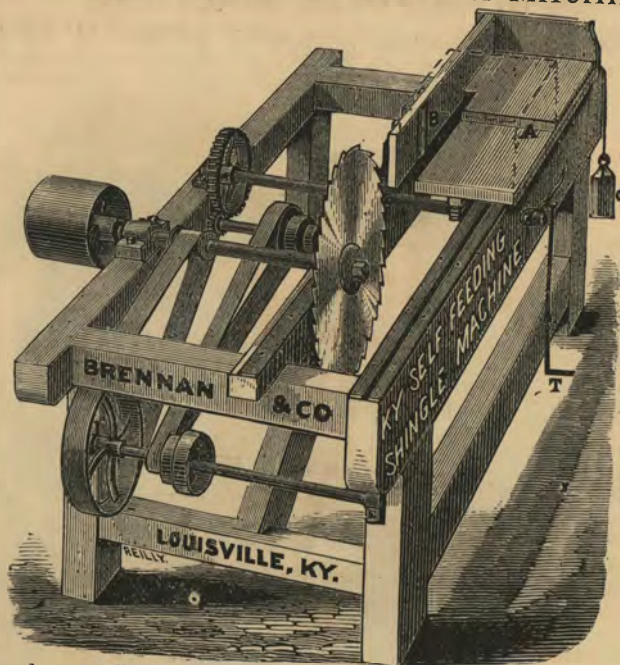
Price of mill complete as described.....	\$500 00
Price of mill without track timbers and cross ties, except middle piece, which is always furnished with mill.....	490 00
Price of mill and middle track piece, but without wood work of carriage.....	470 00

We give these prices separate, as many purchasers would prefer to do their own wood-work and save freight and hauling on same. The weight of which is about 1,200 lbs. The weight of Mill complete, 5,000 lbs.

EXTRAS.

Price of log car irons, per set.....	\$15 00	Price of one extra head block.....	50 00
Price of lumber car irons, per set.....	8 00	Price of Stone's patent saw gummer.....	15 00
Price of Turner irons, per set.....	16 00	Price of Mixtur's patent saw gummer.....	20 00
Price of segment irons, per foot.....	30	Price of Mixtur's patent self-feed gummer.....	25 00
Price of segment pinion.....	2 00	Price of extra cant hooks.....	2 50
Price of extra lengths of carriage with segments, rollers and track irons of double length for same, per foot.....	2 50	Price of extra saw.....	12 00

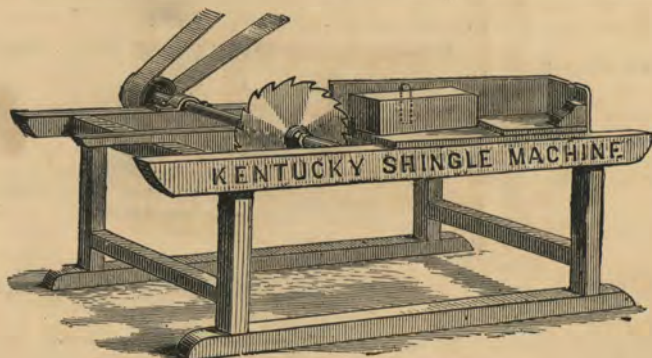
NEW SELF-FEED KY. SHINGLE MACHINE.



The above cut illustrates our New Self-Feed Kentucky Shingle Machine. We build this Machine to run with a 24-in. circular saw. It is strong, durable and simple, can be driven by small agricultural engines or by water power; it is capable of cutting from five to eight thousand shingles per day; all the operator has to do is to rock the block by one hand, while he places his foot on the treadle to start the feed and by removing his foot from the treadle the weight brings back the block and slide table for the next cut.

Price with inside Belts and Saw complete\$85.00

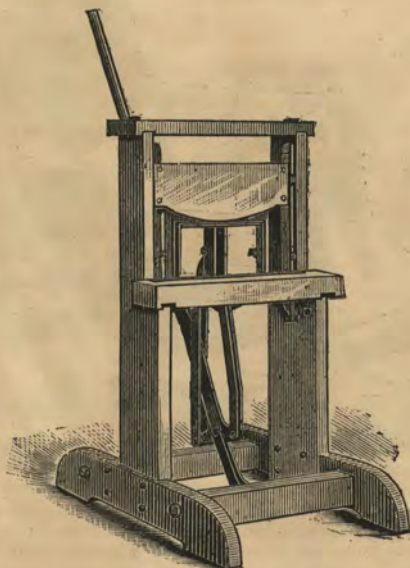
We also build the Kentucky Shingle Machine without Self-Feed to be pushed by hand, as shown in the cut below. This Machine is capable of cutting from four to five thousand shingles per day.



Price with 24-inch Saw\$50.00

SASH SHINGLE MACHINE.

WITH WOOD FRAME AND LEVER IRONS ATTACHED READY FOR USE.

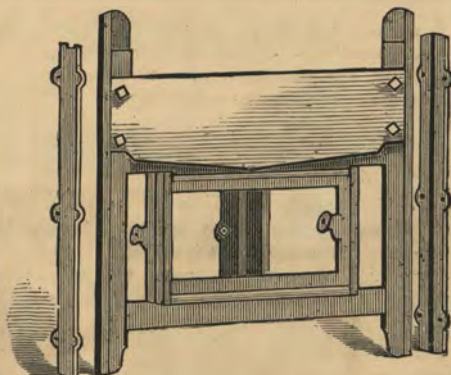


The above cut illustrates our Sash Shingle Machine, mounted on frame with lever irons attached ready for use to cut shingles. It has 22-inch knife, cutting 18-inch shingles.

Price complete\$55.00

Price without Wood Frame..... 42.00

We also furnish the knife and sash irons as shown in cut below, with 22-inch knife, for \$30.00, and the lever irons extra for \$12.00.



Price of 22-inch Knife alone.....\$15.00

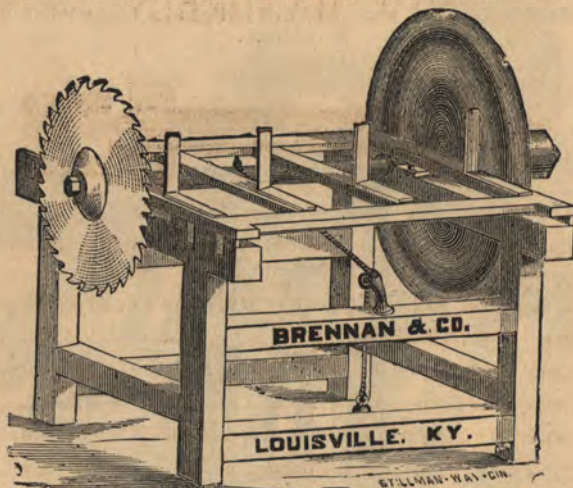
We also build a larger Machine, with 29-inch Knife and Counter-shaft, Boxing, Pullies and Pitman, for fruit box manufacturers.

Price of Irons and Knife fitted up.....125.00

We can furnish sheet iron bottoms for Steam Boxes as follows:

4x12 feet, Riveted, No. 12 Iron for.....\$17.00 | 4x16 feet, Riveted, No. 12 Iron for.....\$24.00

PORTABLE WOOD-SAW AND FRAME.



The above cut represents the Portable Circular Saw and Table for sawing fire-wood, etc. With a one-horse power they will saw from fifteen to twenty cords of wood per day, and with a two-horse power just as much as three men can handle. It can also be used to advantage in cutting off fencing stuff, or building material of any kind, and is a very useful machine for the farmer. 24-inch Saw, with Frame \$50 00.

SOLID CIRCULAR SAWS.

We are prepared to furnish Circular, Cross-Cuts, Mulay or Mill Saws at manufacturers' prices, and invite attention to the following manufacturers' schedule of prices. Every Saw is fully warranted, and if not found as represented will be exchanged for Saws that come up to the warranty. A liberal discount to the trade.

Warranted Extra Cast Steel Circular Saws—Extra Tempered—Patented Ground.

SAW-MAKERS' LIST PRICES.

4-inch	\$ 85	14-inch	\$4 00	30-inch	\$16 00	46-inch	\$56 00	60-inch	\$175 00
5 "	1 00	16 "	4 75	32 "	18 50	48 "	65 00	62 "	200 00
6 "	1 25	18 "	5 50	34 "	21 00	50 "	75 00	64 "	230 00
7 "	1 50	20 "	7 00	36 "	24 00	52 "	90 00	66 "	265 00
8 "	1 75	22 "	8 00	38 "	28 00	54 "	105 00	68 "	300 00
9 "	2 25	24 "	10 00	40 "	33 00	56 "	125 00	70 "	340 00
10 "	2 75	26 "	12 00	42 "	40 00	58 "	150 00	72 "	380 00
12 "	3 50	28 "	14 00	44 "	48 00				

Circular Top Saws for Double Mills—Extra Tempered—Patented Ground.

24-in., \$13 | 26-in., \$15 | 28-in., \$18 | 30-in., \$21 | 32-in., \$24 | 34-in., \$27 | 26-in., \$31, each.

On the above we make a large discount to dealers and mill men.

SAWS HAMMERED AND GROUND AT SHORT NOTICE.

We are also agents for **Hoe's Patent Chisel Tooth Circular Saws.** We quote prices of a few sizes as follows:

48-inch, 9x7 guage, with 400 bits.....	\$110	56-inch, 7x5 guage, with 400 bits.....	\$180
50 " 9x7 " " 500 "	122	58 " 7x5 " " 500 "	210
52 " 9x7 " " 500 "	140	60 " 7x5 " " 500 "	240
54 " 9x7 " " 500 "	155		

Extra bits \$3 per hundred at Factory in New York.

SAW MANDRELS.



The above cut illustrates the Saw Mandrels we manufacture and keep in stock. Boxes Babbitted.

- No. 1—Length from Saw to inside of Pulley, about 14 inches, suitable
for Saws of 8 to 12 inches diameter.....\$8 50
- No. 2—Length from Saw to inside of Fulley, about 17 inches, suitable
for Saws of 12 to 16 inches diameter. 12 00
- No. 3—Length from Saw to inside of Pulley, about 19 inches, suitable
for Saws of 16 to 24 inches diameter.....14 00

We can furnish Nos. 1, 2 and 3 with connecting Bed Plate, so that the Pulley can be run between the boxing instead of on the end of the Shaft.

We manufacture to order of any size required, Saw Mandrels with Pulleys and Babbitted Boxes, complete.

PULLEYS, SHAFTING, HANGERS & BOXING.

We make to order Pullies, Shafting and Boxing of all sizes.

We also *Repair Engines and Machinery* of all kinds, and can supply Steam and Water Pipes and Fittings of all kinds.

LATH MACHINES AND SAW BENCHES.

Of Lath Machines we build two kinds; one with two 14-inch saws, which like the Shingle Machine, can be run with either our Lever or Endless Chain Power.

Price\$50.00

Also a Self-Feeding Lath Bench, with five Saws, capable, with steam-power, of cutting thirty thousand laths per day. A most desirable machine for lumbermen who have city mills and desire to work up their refuse lumber.

Price\$275.00

We can also supply Saw Benches of any kind on short notice.

REPAIRS AND EXTRAS.

We furnish repairs for all machines made by us, and also for those made by our predecessors, Messrs. Munn & Co. We also furnish repairs and extras for Kentucky Harvesters, Kentucky Clipper Mowers, Horse Powers, and Threshers, Cutting Boxes, etc., made by Messrs. Miller, Wingate & Co. and Miller & Moore. Any orders for repairs or extras addressed to us will receive prompt attention. The following are among the articles of repairs most in demand, and will be sent upon receipt of prices named, or by express C. O. D., if preferred.

Circular Saws gummed and hammered at short notice.

We repair all kinds of machines and steam engines.

IN ordering extras, please state who made the machine; and if wheels or pinions are ordered, give dimensions of same and number of cogs. It is a good plan in ordering pinions and cog-wheels to put the old wheel on a sheet of paper and trace around the outline and the hole with a sharp pencil and send the paper thus marked to us, and if there is a number marked on them state that also.

N. B.—All orders for repairs and extras must be accompanied with CASH, or they will be filled C. O. D. by express.

Repairs for Two and Four-horse Ground Hog Threshers, and for Four, Six, and Eight-horse Threshers and Cleaners.

	2-horse.	4 & 6 horse.	8-horse.
Driver or Cylinder Wheel.....	\$6 00	\$7 00	\$8 00
Cylinder Pinion.....	1 50	1 75	2 00
Bevel Fan Wheel.....		2 00	2 50
Bevel Fan Pinion.....		50	1 00
Spur Fan Wheel.....		2 50	2 50
Mitre Wheel.....			3 50
Inside Pulley for Straw Carrier, plain.....		1 00	1 00
Inside Pulley for Straw Carrier, flanged.....		1 50	1 50
SHIVE WHEELS—			
17-inch for Drum.....		2 00	2 00
16-inch on Driver Wheel.....		1 25	1 25
13-inch on Elevator.....		1 75	1 75
8-inch on Picker.....		1 00	1 00
8-inch on Knockers.....		1 25	1 25
4-inch on Top Fan and Idler.....		75	75
BOXING—			
Cylinder Boxing.....	50	60	75
Counter Shaft Boxing.....	50	60	75
Cylinder Boxes, Babbitted.....	1 50	1 50	2 00
Outside Fan Shaft Bearer.....			75
Inside Fan Shaft Bearer.....			1 50
Shoe Shaker Wheel.....		1 00	1 50
New Wood Cylinder, complete.....	30 00	35 00	40 00
New Iron Cylinder, complete.....	40 00	45 00	
Cylinder Shaft.....	5 00	5 50	6 00
Counter Shaft.....	5 00	5 50	6 00
Ratchet Box.....	75	75	75
Click Ratchet.....	75	75	75
Round Socket, filled, complete, with Ratchet Box.....	4 00	4 00	4 00
New Straw Carrier, complete.....		15 00	20 00
Straw Carrier, sticks bored and countersunk, each.....		10	10
Straw Carrier Nails, per 100.....		75	75
Cotton Rope for Straw Carrier, per lb.....		35	35
Wood Cylinder Clinch Teeth, each.....		10	10
Wood Concave Teeth, each.....		10	10
Iron Cylinder Teeth, each.....	15	15	
Iron Concave Teeth, each.....	15	15	
Large Sheet-iron Riddle.....		3 50	4 00
Sheet-iron Riddle for Upper Shoe.....			1 25
Wire Riddle Screen.....		1 50	1 75
Wire Wheat Riddle for Upper Shoe.....			75
Cylinder Rings, outside.....	3 25	3 25	3 25
Cylinder Rings, middle.....		1 25	1 50

Repairs for One, Two, Four, and Eight-horse Long Down or Ground-Hog Horse Power.

	1-horse.	2-horse.	4-horse.	8-horse.
Main Shafts for Power.....		\$11 00	\$13 00	\$16 00
Pit Wheel Pinion Shafts.....		2 25	2 50	3 00
Short Shaft for Wallower on 8-horse Power.....				5 00
Master Wheel, large bevel.....	15 00	25 00	35 00	45 00
Wallower or Master Wheel Pinion.....	3 00	3 00	3 50	4 50
Pit Wheel.....		8 00	10 00	12 00
Pit Wheel Pinion.....		2 00	2 25	2 50
Master Wheel Stand or Axle.....	1 50	3 50	4 00	4 50
Rubber for Master Wheel.....	1 25	2 00	2 25	2 50
Slide for 8-horse Master Wheel.....				1 50
Wallower Boxing Box on Main Shaft, next the Large Pinion.....	} 75	1 25	1 25	1 50
All other Main Shaft Boxing.....		75	1 00	1 00
Pit Shaft Boxing.....	50	50	50	75
Tumbling Shaft, complete.....		3 50	3 50	4 00
Tumbling Shaft Sleeve.....		1 50	1 50	1 75
Square Socket, filled.....		2 75	2 75	2 75
Stand Box for Master Wheel.....	25	25	25	25
Coupler for Main and Wallower Shaft.....				2 00
Iron Tumbling Shaft, 10 feet.....	3 00			
Square Socket Couplings, per pair.....	2 50			
Main Shaft.....	4 50			
Long Counter Shaft.....	3 50			
Short Counter Shaft.....	2 50			
Large Spur Wheel, 60 cogs.....	4 50			
Large Spur Wheel Pinion, 14 cogs.....	2 00			
Small Spur Wheel, 36 cogs.....	2 50			
Small Spur Wheel Pinion, 15 cogs.....	1 75			
Lever Holder.....	75			

Extras for Endless-chain Horse Powers.

	1-horse.	2-horse.
Track Wheels.....each.	\$0 25	\$0 25
Track Rods....."	50	75
Track Links....."	25	25
Internal Gear Wheel....."	5 00	5 00
Internal Gear Wheel Pinion....."	2 00	2 00
Spider Wheel for Main Shaft....."	3 00	3 00
Band Wheel, complete....."	10 00	10 00
Band Wheel Hub for Spokes....."	2 00	2 00
Clutch for Coupling....."	2 25	2 25
Wood Lags, per set, 30 pieces....."	10 00	12 00
Track Iron, curved piece....."	1 00	1 00
Track Iron, straight piece....."	75	75
Pumping Wrist, to be attached to Internal Wheel....."	4 00	4 00

Extras for Overshot Threshers.

Cylinder Teeth.....	\$0 15
Pulley for Cylinder Shaft.....	2 00
Cylinder Shaft.....	2 00
Boxing for Cylinder Shaft, each.....	1 50
Shaker Shaft.....	2 50
Shaker Shaft Pulley.....	3 00

Repairs and Extras for Star Powers.

	FOUR & SIX-HORSE.		EIGHT & TEN-HORSE.	
	Number of Piece.	Price.	Letter or No. Piece	Price.
Master-wheel Rim.....	No. 300	\$25 00	B. & Co.	\$36 00
Master-wheel Center, top part.....	No. 295	2 25	8-h. 5	2 50
Master-wheel Center, bottom part.....			10-h. S	3 00
Master-wheel Bridge or Arm.....	No. 294	3 25	8-h. 60	4 50
Master-wheel Wood Arm Holder.....	No. 302	6 00	10-h. R	5 00
Master-wheel Pinion.....	No. 301	80	Wood.	Wood.
Bridge Center Stand, complete.....	No. 302	2 50	A	1 25
Bridge Center Plate.....	No. 304	1 50	B	4 50
Bridge Box	No. 305	50		1 50
Lever Holder	No. 297	65		
Lid on Bridge Box.....	S 31	2 25	Dwn. 20	1 25
Friction Roller for Master-wheel.....	S 306		Mtd. 21	1 00
Friction Roller Pins, wrought	No. 307	10		
Friction Roller for Bevel Wheel.....	No. 331	60	No. 14	1 00
Friction Roller Arm.....	No. 9	65		
Cast Arm and Pin for Large Friction Roller.....	No. 13	60	No. 15	60
Cast Arm and Pin for Small Friction Roller.....	No. 311	60		
Bevel Wheel.....	No. 312			
Bevel Pinion.....			C D	1 25
Arch for Friction Roller.....	No. 308	6 50	G	1 75
Line Shaft.....	No. 309	1 50	E	10 00
Bevel Wheel and Pinion and Shaft, complete.....	No. 310	1 00	H	2 00
Grease Pan.....				
Tumbling Shaft Coupling Jaw.....		3 50		6 50
Tumbling Shaft Coupling Ring.....	No. 330	13 00		4 00
Top Holder of Bevel Wheel Shaft.....		40	K	15 00
Bottom Holder of Bevel Wheel Shaft.....	No. 19	75		50
Line Shaft Boxing, Cap or Bottom, Babbitted, each.....		75	No. 19	75
			No. 8	2 25
			No. 10	2 25
			No. 13	1 50
			L	1 00
			M	1 00

EXTRAS FOR EVANS CORN DRILL.**Repairs.**

Drive-Wheel	\$4 00	Slide for Box S.....	25
Shue	1 50	Feed Plate.....	2 00
Plate A.....	15	Worm and Rod.....	1 25
Standard C.....	40	Casting on Round bet. Handles...	15
Wheel E.....	1 25	Washer on Beam.....	10
Shield K.....	65	Washer under Feed Plate.....	10
Hopper End N.....	75	Wrench	20
Pinion O.....	50	Clevis (Malleable).....	60
Hopper End P.....	65	Brush Ring	25
Bottom Plate R.....	1 25	Brush.....	50
Box S.....	60	Bent Side Beams, each.....	1 00
Scraper U.....	50	Handles, each.....	40
Box V.....	50	Rounds, each.....	10

EXTRAS FOR HAY AND COTTON PRESSES.

	Ingersoll.	Utley.
Lever Socket	\$3 00	\$3 00
Upper Bar Clamp.....	3 50	o. s. 5 00
Upper Bar Clamp, new style		4 25
Lower Bar Clamp.....	3 50	4 25
Wrought-iron Clamp	8 00	
Cast Hooks for Doors	75	75
Knee and Clutch.....		2 75
Cast Hinge Sockets.....	1 25	
Small Roller	20	
Roller Stand.....	30	
Dogs for Clamp		50
Links, Cast	1 25	
End Braces, Large and Small.....	2 25	
Wrought-iron Links.....	long 1 50	short 1 00

EXTRAS FOR CORN SHELLERS.

	Dexter.	Ten Broeck.	Vir- ginia.	South- ern.	West- ern.	Champ- ion.	Ky. Double.
Fly Wheel.....	\$3 00	\$3 00		\$2 00	\$2 25	\$4 50	\$7 00
Cylinder			\$15 00				
Spout.....	1 00	50		1 00	1 00	2 50	
Dish or Ribbed Wheel.....	1 50	1 50		1 25	1 50	1 50	1 75
Rag or Tooth.....	2 00	2 00		2 00	3 25	3 00	3 00
Spring, with Wood.....	1 35		3 00	1 35	1 35	1 50	
Spring alone	75	75	2 00	75	75	75	1 25
Spring, Rubber.....	25	25		25	25	25	25
Boxing	25	25	50	25	25	50	50
Handle and Crank.....	1 00	1 00	1 25	1 00	1 00	1 25	1 25
Pinion.....	1 00	1 25	1 00	1 00	1 00	1 00	
Shaft	1 00	1 00		1 00	1 00	1 25	1 25
Pulley			3 00			2 50	
Sheller Bar.....			2 00				
Side Spout for Cobs	1 00	1 00					
Large Gear Wheel.....			2 00				2 00
Plate No. 12.....		25					
Plate No. 13.....		25					

EXTRAS FOR KENTUCKY GRAIN DRILLS.

New Steel Spring, each	\$1 00
New Shoe, each	1 00
Gum Pipes, each	25
Hopper End-piece, W or V, each	1 25
Notched Arch, D. J.....	1 25
Slot Iron, with Brass Index	1 25
Clutch and Set Screw Y.....	75
Clutch Wheel Z.....	1 00
Hopper Hinge, T and U, each	35
Axle Boxes, each.....	50

REPAIRS AND EXTRAS FOR SAW-MILLS.

	Planta- tion.	Stand- ard.
Hand-wheel and Handle for Head Block.....	\$ 2 50	\$2 50
Wedge-wheel, with Stand and Roller, complete.....		13 50
Wedge-wheel.....	2 50	4 00
Wedge-wheel Stand, with Roller and Shaft.....		10 00
Wedge-roller.....	2 00	3 00
W. W. Shaft.....		2 00
Cast Ways, each piece four feet.....	75	1 00
Wrought Ways, per foot,flat 15c	v 25	v 25
Segments or Rack, each, 2 feet 8½ inches and 2 feet 8¼ inches	1 00	1 75
Saw Guide, complete.....	2 00	2 50
Carriage Pinion.....	2 00	2 75
Carriage Axle, with Wheels, each.....		6 00
Carriage Wheel, bored out and turned up.....		1 75
Carriage Rollers and Chairs.....light 50c	1 00	2 00
Wrought Iron Dog.....	1 75	2 50
New Friction Feed.....	30 00	45 00
Front Log Slide on Mill.....	1 25	2 00
Swing Boxes for Backing Pulley, old style.....		75
Rocker Box for Feed Shaft, Babbitted.....	2 00	2 50
Top Rigging, with 30-inch Saw, all complete, ready to attach to single mills, including Belt and Lower Pulley.....		130 00
Extra Carriage, with all the Irons and Ways complete, per ft.	2 50	5 00
Meiner's patent Double Setting Lever and Screw Head Blocks		200 00
Double Setting Lever and Rack and Pinion Head Blocks....	100 00	150 00
Screw Head Blocks, per pair.....	50 00	75 00
Log Turner, Cog Gear-Irons.....	16 00	
Log Turner, Friction-Irons.....		80 00
Cant Hooks.....	2 50	2 50
Mulay Saw Mill Head Block.....\$125 00		
Bull Wheel, with Friction Feed, according to size, say.....	\$125 00	
Log Carriage, Wheels and Irons complete, according to size, say from.....	\$15 00 to	50 00
Lumber Carriage, Wheels and Irons, complete, according to size, say from.....	\$7 00 to	25 00
12 inch 4-ply Gum Belt, per foot.....		78
10 inch 4-ply Gum Belt, per foot.....		65
10 inch 3-ply Gum Belt, per foot.....		54
Best Lubricating Oil, per gallon.....		30
Best American 12 inch Saw Files, per dozen.....		4 50
Best Lace Leather, per side.....		3 50
Stone's Patent Saw Gummer.....		15 00
Grindstones for Gumming Saws.....		3 50
Hoe's Patent Swages.....		5 00
Alger & Dunn's Patent Head Block Register.....		20 00

We furnish all sizes of Leather and Gum Belts, etc., and make repairs on all kinds of Steam Engines, Saw-mills, Circular and other Saws, with promptness, and at as low prices as any other machinists and foundrymen who do good work.

Saws gummed and hammered, retoothed and reground with promptness and at saw-makers' prices. For repairs to Mulay Mills, see page 39.

REPAIRS AND EXTRAS FOR EXCELSIOR CIDER MILLS.

	Seniors.	Juniors.
Iron Beam or Nut,	\$6 00	\$3 50
Screw for Nut,	2 25	3 50
Foot for Screw,	1 25	75
Lever wheel for Screw,	1 25	75
Large Spur Cog Wheel,	2 25	1 75
Pinion for Junior,		50
Pinion, 40 cogs, Senior,	1 25	
Pinion, 22 cogs, Senior,	75	
Stud Bearer, for 40 cog Pinion,	1 25	
Angle Box, Senior,	75	
Cylinder Box, Senior,	50	
Box Caps and Seats, Junior, each Nos. 5 and 6.		50
End Plates for Hoppers,	75	35
Side Plates for Hoppers,	75	35
Fly Wheel,	5 00	2 50
Shaft for Cylinder,	1 00	75
Bent Shaft for Spur Wheel,	1 25	1 00
Links for Crusher,	30	30
New Cylinder,	3 00	2 25
Scraper,	25	25
Double Crank Shaft, Senior,	1 25	
Crank and Handle,	1 00	75
Crusher Plate,	75	60
Tub,	1 50	1 25
Wood Strainer,	50	50

REPAIRS AND EXTRAS

TO THE

"KENTUCKY" & AMBER CANE MILLS.

KENTUCKY CANE MILLS.	No. OR LETTER FOR No. 0 MILL PRICE.					No. OR LETTER FOR No. 1 MILL PRICE.					No. OR LETTER FOR No. 2 MILL PRICE.					No. OR LETTER FOR No. 3 MILL PRICE.					No. OR LETTER FOR No. 4 MILL PRICE.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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N. B.—Always state the Number on the Mill, and the Letters or Numbers on the piece ordered, and say what year you purchased the Mill. Give plain directions how to ship.

