

949 600 110
BUY THE BEST!

BUCKEYE
Mower and Reaper,



Mowing on Side Hill, and Running over a Rock.

MANUFACTURED BY

ADRIANCE, PLATT & CO.,

POUGHKEEPSIE, N. Y.

Warehouse, No. 165 Greenwich Street, New York.

GEO. W. SIZER, Agent,
Cor. of Camp and Poydras Streets,
NEW ORLEANS.



ON THE ROAD.

THE BUCKEYE Mower and Reaper.

THE BUCKEYE, during the EIGHT YEARS it has been before the public, has earned for itself a reputation such as has never been attained by any other implement of its class.

THE STANDARD MACHINE.

From its first introduction it has taken the lead in Mowing Machine market, and each succeeding season has only served to increase its great popularity, until it is now universally recognized as the STANDARD HARVESTER OF THE COUNTRY.

BOGUS BUCKEYES.

We would warn farmers against allowing themselves to be deceived by the fraudulent misrepresentations of any parties who offer them machines which they call "an improvement on the Buckeye, or the Buckeye and something else," as all such are IMPOSTORS.

By these attempts to STEAL OUR REPUTATION they only acknowledge the GREAT SUPERIORITY OF THE BUCKEYE MACHINE.

THE GENUINE BUCKEYE.

There is but one GENUINE BUCKEYE, which is the machine which originally introduced the COMBINATION OF TWO DRIVING WHEELS WITH A DOUBLE-JOINTED CUTTER BAR, WHICH COULD BE FOLDED OVER ON TO THE FRAME OF THE MACHINE, features which are now universally recognized as most important essentials of a perfect harvester.

IMPROVEMENTS.

The leading features of the BUCKEYE are the same now as when it was first introduced, eight seasons' use having demonstrated their excellence. Many important improvements, however, have been, and continue to be added.

The same skill and energy which first produced the machine have been engaged in still further perfecting it, and the patented improvements which continue to be added keep it far in advance of all competitors.

MATERIAL AND WORKMANSHIP.

In the important points of excellence of material and mechanism, as well as in perfection of principle, the BUCKEYE has always stood at the head of the market. To this fact its remarkable durability is, in a great measure, to be attributed.

We have completed a series of extensive manufacturing buildings on the banks of the Hudson, at Poughkeepsie, into which we have introduced all the improvements which our many years' experience in the business has suggested. With our greatly increased facilities, we have no hesitancy in assuring the farmer that the BUCKEYE will fully maintain its reputation as the Machine which, in **excellence of material and mechanism**, as well as in **perfection of principle**, stands at the head of Harvesting Machines, and is fairly entitled to its well-earned and universally conceded distinction of the BEST.

ADRIANCE, PLATT & CO.

PATENTED.

December 7th.....	1852
September 20th.....	1853
December 5th.....	1854
Feb. 6th and April 17th.....	1855
June 17th.....	1856
May 4th and 11th.....	1858
June 21st and July 5th.....	1859
July 2d and Dec. 3d.....	1861
July 8th and Dec. 2d.....	1862

RE-ISSUED.

April 14th.....	1857
April 26th.....	1859
May 17th.....	1859
June 21st.....	1859
July 19th.....	1859
January 3d.....	1860
April 30th.....	1860
June 5th.....	1860
December 10th.....	1861

THE PECULIAR FEATURES

Originally introduced in the BUCKEYE MACHINE are now universally recognized as essential points of an efficient Harvester, and the only machines of any standing or reputation, at the present time, are those which have taken the Buckeye as their model, and copied it more or less closely.

The many advantages of the BUCKEYE are now so well known that we shall here only briefly enumerate a few of its LEADING POINTS OF EXCELLENCE.

Two Driving-Wheels support the *whole weight* of the FRAME, GEARING, and DRIVER, and thus all the weight is used directly to give motion to the knives. As these wheels operate TOGETHER or INDEPENDENTLY, short turns can be made to the RIGHT or LEFT, *without clogging or stopping the knives.*

The Driving-Wheels have no Cogs on them, or running on a smaller Wheel inside of them ; but the gears are all arranged at such a height from the ground as to avoid all danger of being clogged by mud or sand.

Pawls and Ratchets are used to drive the gearing, and in backing, the knives cease to vibrate. The pawls are held either in or out of gear by a spring, and when out of gear, the wheels turn independently on the axle, and *none of the gearing is moved.*

The Double-Jointed Cutter-Bar adapts itself to all varieties of surface, entirely independent of the frame; mowing as closely and evenly over knolls and ridges, or through hollows, dead furrows, and ditches, as on the most level ground.

The Cutter-Bar folds over on top of the Frame, and the operation of folding and unfolding is so simple that it can be done by a boy in less than one minute. *The Buckeye is the only machine in which the cutting apparatus can be laid firmly and securely over and on to the frame,* which the farmer must readily see has great advantages over merely tilting the bar against one side of the machine.

The Driver's Seat is behind the Cutters, enabling the driver, at all times, to have a full view of the operation of the knives without interfering with his management of the team; and, if at any time he should be thrown from his seat, the danger of falling in front of the knives is entirely avoided.



The Hussey open Guard-Finger is the only successful cutting apparatus ever applied to Harvesters. By the use of malleable iron, we obtain what experience has demonstrated to be the best form of finger, and by fitting a plate of steel for the knife to cut against, *we combine a perfect shear-cut with the greatest possible strength.*

A Leading-Wheel is attached to the inner shoe, which entirely prevents the loose grass, over which it must frequently pass, from being pushed along and clogging to the machine. It also prevents the points of the guard-fingers catching in the ground while passing through hollows and ridges.

The Height of Cut is regulated by means of the adjustable spring on outer shoe, and adjustable wheel on inner shoe, so that both ends of the bar can be raised or lowered to cut any required height of stubble.

To pass Obstructions, a lever is attached to the finger-bar and main frame, by which the driver can, with one hand, while on his seat, raise BOTH ENDS OF THE FINGER-BAR from the ground to the height of twelve to eighteen inches.

A Ratchet is connected with this lever, which sustains the finger-bar at any required height while the machine is moving, serving an excellent purpose for passing over cut grass and turning at the corners.

To throw in or out of Gear, a lever is placed at the side of the driver, by which he can instantly stop or start the gearing.

Side-Draught, and Weight on the Horses' Necks, are entirely obviated in the Buckeye, by the perfect manner in which the machine is balanced.

The Draught of the Buckeye is reduced to the lowest point ever attained. It is not the lightest machine in weight that runs the lightest for the team, but that which has the weight properly balanced on the ground or driving-wheels, the gearing most firmly secured, so that there can be no cramping of the frame, and has its cutting apparatus best adapted to the work.

The draught of the BUCKEYE is lighter than ORDINARY PLOWING, being only from one hundred and fifty to two hundred and fifty pounds, as FAIRLY DEMONSTRATED BY NUMEROUS DYNAMOMETER TESTS.

THE BUCKEYE AS A REAPER.

The important advantages which belong exclusively to the BUCKEYE as a Mower are retained in the REAPER.

The two DRIVING-WHEELS and DOUBLE-JOINTED CUTTER-BAR make it the ONLY REAPER perfectly adapted to uneven ground.

By the use of an Overhanging Reel, the outer reel-support is dispensed with, and the objection of dragging the cut grain is entirely obviated.

The REEL is attached in such a manner as to follow all the movements of the Platform on uneven ground, and can be readily raised or lowered according to the height of the grain.

The grain is delivered at the BACK OF THE MACHINE, ENTIRELY OUT OF THE WAY OF THE TEAM ON THE NEXT ROUND, in good shaped gavels for binding.

The Platform is readily adjusted to any required height of cut.

The lateral brace at the rear of the Machine is of great advantage in steadying and supporting the Platform, and CAN BE OBTAINED ONLY IN A MACHINE WHICH HAS THE CUTTER-BAR IN FRONT OF THE DRIVING-WHEELS.

The RAKER'S SEAT is so placed as to secure the MOST COMFORTABLE POSITION, and the EASIEST and MOST NATURAL MOVEMENT TO THE RAKER.

The weight of the Raker is sustained directly on the axle of the Machine, instead of being carried on the Platform, where it adds greatly to the side-draught.

The outer wheel of the Platform is almost in a direct line with the Driving Wheels, so that there is no cramping or straining in turning corners.



PREMIUMS.

The number of Premiums which have been awarded to the **BUCKEYE**, by the various State and County Agricultural Societies is so great, as to render their enumeration here impossible.

It has received the Highest Premiums at the Exhibitions and Field Trials of the following Agricultural Societies: **THE UNITED STATES, NEW YORK, NEW JERSEY, PENNSYLVANIA, NEW ENGLAND, CONNECTICUT, VERMONT, OHIO, VIRGINIA, MARYLAND, NORTH CAROLINA, INDIANA, MICHIGAN, TENNESSEE and KENTUCKY.**

During the four years of the war, few of the Societies have offered Premiums to Mowers and Reapers—but in the Fall of 1865, the **BUCKEYE** was exhibited at the following prominent Fairs and Trials, and received the First Premium at all of them.

Ohio State Fair, at.....	Columbus.
Kentucky State Fair, at.....	Louisville.
Michigan “ “ at.....	Adrian.
Pennsylvania “ “ at.....	Williamsport.
Missouri “ “ at.....	Jefferson City.
New England “ at.....	Concord.
Vermont State “ at.....	White River Junction.
Massachusetts Charitable Mechanics Assoc’n, at Boston.	
American Institute	New York.

The American Institute of New York, wishing to afford the farmers an opportunity of seeing the operation of the various Machines in all kinds of work, invited the manufacturers to compete for their highest grade Gold Medal, in a Grand Field Trial, on the 25th and 26th of July, 1865.

This trial is described in the “**AMERICAN AGRICULTURIST**,” as follows:

Trial of Mowers at Hunt's Bridge, by the American Institute.

THE BUCKEYE WINS.—On the 25th and 26th of July the American Institute had a trial of Mowing Machines, conducted by a committee of practical farmers and mechanics. We were present at the trial, and hesitate not to say that we never knew or heard of Mowers being put to so severe and fair tests. They cut good grass and lodged grass, both fine and coarse, on wet places and dry, on level ground, on hill sides, swales, rough ground, &c., through dry ditches, through wet ditches, and under several inches of water. They were made to cut with the finger bars raised, and depressed, with the inner wheel on a ridge, and in the bottom of a ditch. They turned corners cutting to the right, and to the left, and went round short curves and long ones. The machines were tested by the dynamometer, and timed to see how fast and how slow they could go and cut well, and besides the mechanism of the machines as put into market was examined and had its weight with the committee. There were 11 machines entered, and but 7 went through the trial. All these did very creditably, but, of course, not equally well in all respects. The result of the trial was made known at the recent Fair of the Institute, the Gold Medal of the Society being awarded to the BUCKEYE, (Adriance, Platt & Co.)

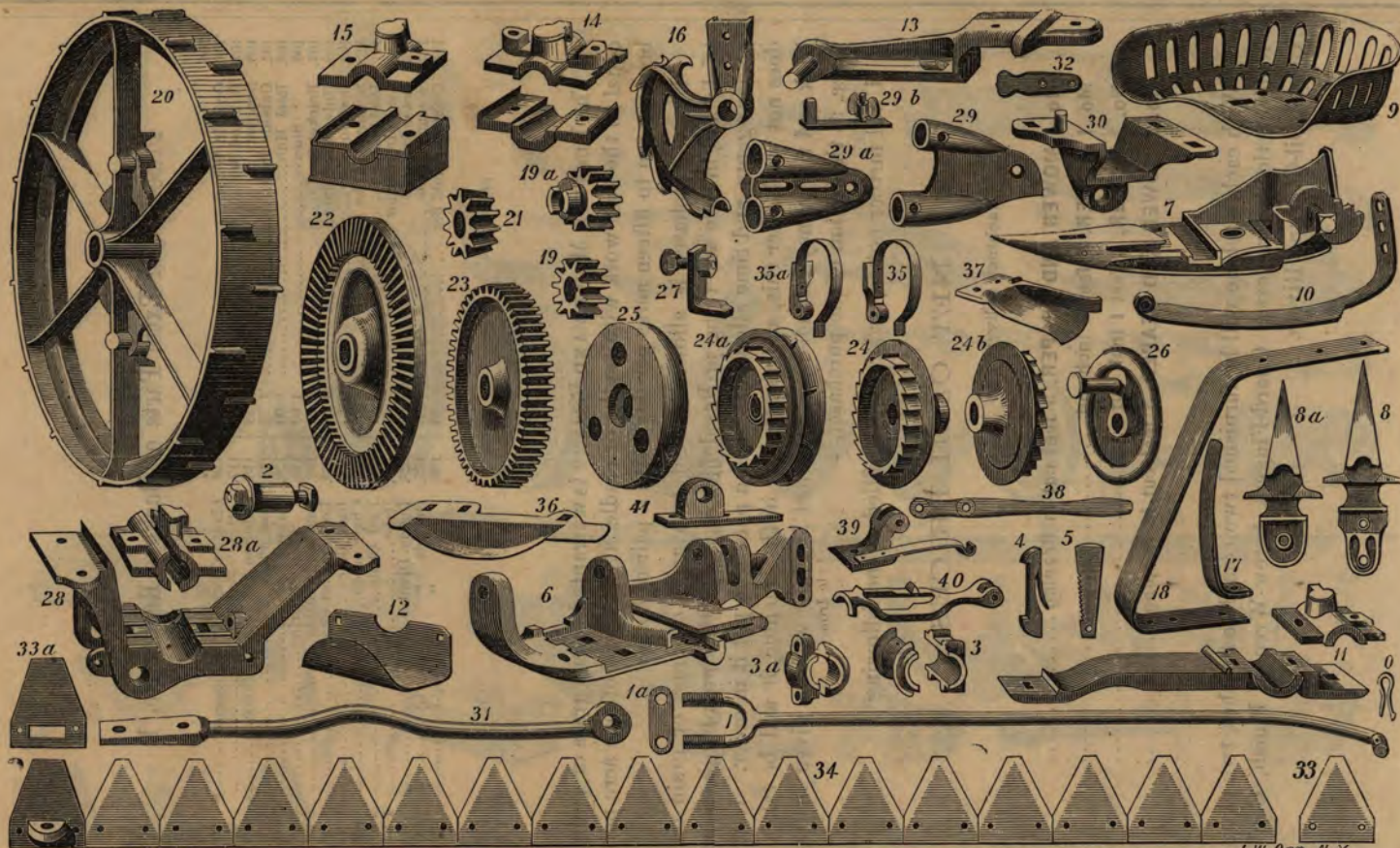


Price-List of Extra Parts of Buckeye Mower No. 1.

No.			No.		
0.	Spring Key.....	\$0 06	22.	Bevel Wheel.....	\$6 00
1.	Connecting Rod.....	3 00	23.	Spur ".....	4 00
1 a.	Double Washer for do.....	12	24.	Left-Hand Ratchet, (or Right Out-	
2.	Roll and Bolt.....	40	side,).....	1 75	
3.	Composition Box, (Old Pattern,).....	1 75	24 a.	Left-Hand Ratchet, with Sheave.....	2 50
3 a.	" " (New ").....	1 75	24 b.	Right-Hand Inside Ratchet.....	1 75
4.	Spring Gib.....	15	25.	Leading Wheel.....	2 50
5.	Ratchet Key.....	15	26.	Crank Balance.....	2 50
6.	Inside Shoe.....	3 50	27.	Gag and Bolt for raising Bar.....	1 25
7.	Outside ".....	3 00	28.	Front Hanger, (New Pattern,).....	5 00
8.	Guard Finger, (Riveted).....	75	28 a.	Perpendicular Front Box.....	1 75
8 a.	" " (Bolted).....	60	29.	Track Clearer Iron, (Old Pattern,).....	1 25
9.	Driver's Seat.....	1 75	29 a.	" " " with slide.....	1 50
10.	Outside Shoe Spring.....	1 25	29 b.	" " Slide.....	30
11.	Cross Hanger.....	2 50	30.	Back Hanger.....	1 00
	Cap for do.....	1 00	31.	Short Brace.....	2 50
12.	Crank Fender.....	1 25	32.	Knife Button.....	12
13.	Lever Axle.....	1 25	33.	" Section.....	35
14.	Box at Rear End of Crank Shaft.....	2 00	33 a.	Blank ".....	35
	Cap for do.....	1 00	34.	Complete Knife.....	11 00
15.	Box at Rear End of Short Shaft.....	2 00	35.	Pawl Spring, (Right Hand,).....	60
	Cap for do.....	1 00	35 a.	" (Left ").....	60
16.	Lever Ratchet.....	1 25	36.	Fender for Spur Wheel.....	75
17.	Back Seat Spring.....	1 00	37.	" Bevel Pinion.....	40
18.	Main ".....	4 00	38.	Gear Shifter Handle.....	50
19.	Spur Pinion, (Old Pattern,).....	1 00	39.	" Standard, with Spring.....	60
19 a.	" " (New ").....	1 25	40.	" Clutch.....	60
20.	Driving Wheel.....	10 00	41.	Scythe Head.....	1 25
21.	Bevel Pinion.....	1 25		Pole.....	3 00
				Section Rivets, per lb.....	50

Price-List of Extra Parts of Buckeye Mower No. 2.

No.			No.		
50.	Driving Wheel.....	\$8 00			
51.	Spur Pinion.....	60	77.	Outside Shoe Spring.....	\$1 25
52.	Bevel ".....	1 00	78.	Lifting Chain.....	1 00
53.	" Wheel.....	5 00	79.	Gag Iron and Bolt.....	1 00
54.	Internal Gear Wheel.....	3 00	79.	Lever Axle Iron.....	1 00
55.	Leading Wheel.....	2 00	80.	Long Brace.....	2 50
56.	Roll and Bolt for Leading Wheel.....	40	81.	Short ".....	2 25
57.	Right-Hand Ratchet.....	1 25	82.	Front Hanger and Boxes.....	4 00
58.	Left-Hand Ratchet.....	1 25		Box for do.....	1 75
59.	Crank Balance Complete.....	2 50	83.	Cross Hanger and Boxes Complete.....	4 00
60.	Lever Ratchet.....	1 25	84.	Inside Shoe.....	3 00
61.	Brass Boxes.....	1 75	85.	Spring Key for Brace-Bolt.....	06
62.	Gear Shifter Axle.....	30	86.	" for Eye of Scythe.....	06
63.	" Guide.....	20	87.	Box at Rear End of Short Shaft.....	1 75
64.	" Handle.....	60	88.	Socket Wrench.....	50
65.	" Clutch.....	60	89.	Cap for Cross Hanger.....	1 00
66.	" Button.....	12	90.	Pole Socket.....	75
	" Spiral Spring.....	25	91.	Complete Knife.....	10 00
67.	Finger Plate.....	15	92.	Crank Fender.....	1 00
68.	Guard Finger.....	60	93.	Right-Hand Pawl Spring.....	60
69.	Finger Bolt.....	12	94.	Left ".....	60
70.	Connecting Rod.....	3 00	95.	Linch Pin.....	06
71.	Wrought Hinge Joint.....	4 00	96.	Axle Washer.....	06
72.	Main-Seat Spring.....	3 75	97.	Blank Section.....	35
73.	Back ".....	1 00	98.	Cutting Section.....	35
74.	Track-Clearer Iron and Slide.....	1 25		Scythe Head.....	1 25
75.	Track-Clearer Slide.....	30		Pole.....	3 00
76.	Outside Shoe.....	2 75		Section Rivets, per lb.....	50
				Iron Seat.....	1 75



DRAWN BY WILSON

J. W. Orr, N.Y.

EXTRA PARTS OF BUCKEYE MOWER, No. 1

Price-List of Extra Parts of Buckeye Reaper No. 1.

No.			No.		
101.	Outside Wheel.....	3 75	116.	Claw on Back Timber.....	\$ 50
102.	Roll and Bolt for do.....	60	117.	" " Front ".....	30
103.	Support ".....	1 25	118.	Joint on Platform for Brace.....	40
104.	Outside Shoe.....	1 75	119.	Foot Plate.....	75
105.	Reel Hub.....	2 00	120.	Raker's Seat.....	2 00
106.	" Sheave.....	1 00	121.	" " Spring.....	3 00
107.	Bracket for do.....	1 25	122.	Castings on Inside Divider.....	3 00
108.	Universal Joints.....	1 25	123.	Reel Support Chair.....	1 00
109.	Reel Journal.....	2 50	124.	Back Brace.....	1 50
110.	Sliding Rod for Reel.....	2 00	125.	Chain on do.....	60
111.	Reel Shaft.....	1 25	126.	Reel Chain.....	2 50
112.	Angle Iron under Wing Board.....	40	127.	Rake.....	1 25
113.	Brace for " ".....	30	128.	Inside Divider Rod.....	50
114.	Wrought Knee.....	30	129.	Outside " " (Short).....	50
115.	Clamps to hold Bar.....	30	130.	" " " (Long).....	60

The BUCKEYE MOWER AND REAPER is warranted to cut grass or grain equal to the best work with scythe or cradle, at the rate of one acre per hour, or ten to fifteen acres per day, with a pair of horses.

Every purchaser is allowed to cut two acres of grass or grain on trial; and in case any thing proves defective, due notice must be given us or our agents, and time allowed to send a person to put it in order. If it does not work after this, and the fault is in the Machine, it will be taken back and the money refunded, or a perfect Machine will be given in its place, at the option of the purchaser.

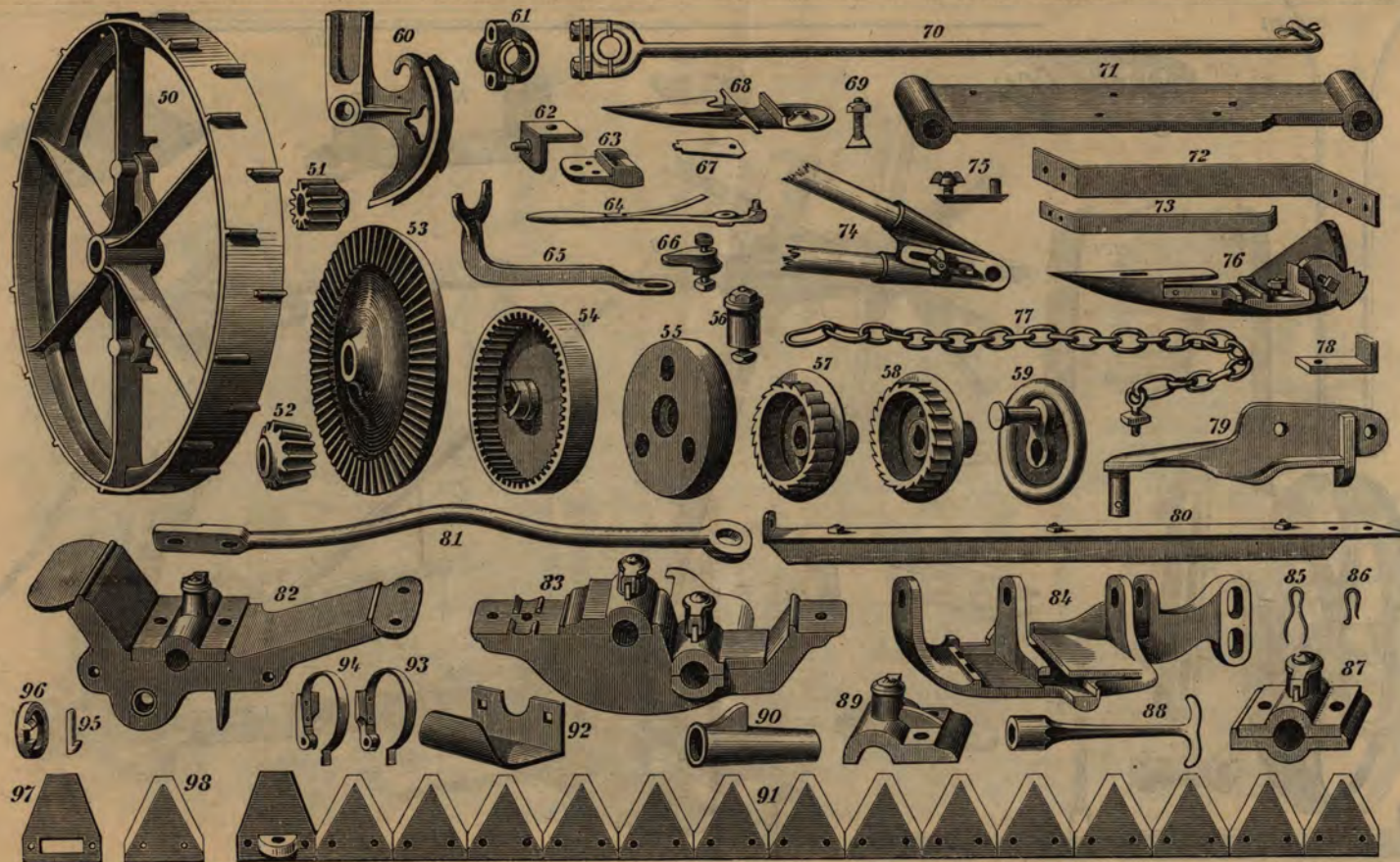
Until further notice, orders will be filled at the following

NET CASH PRICES.

(Machines delivered at)

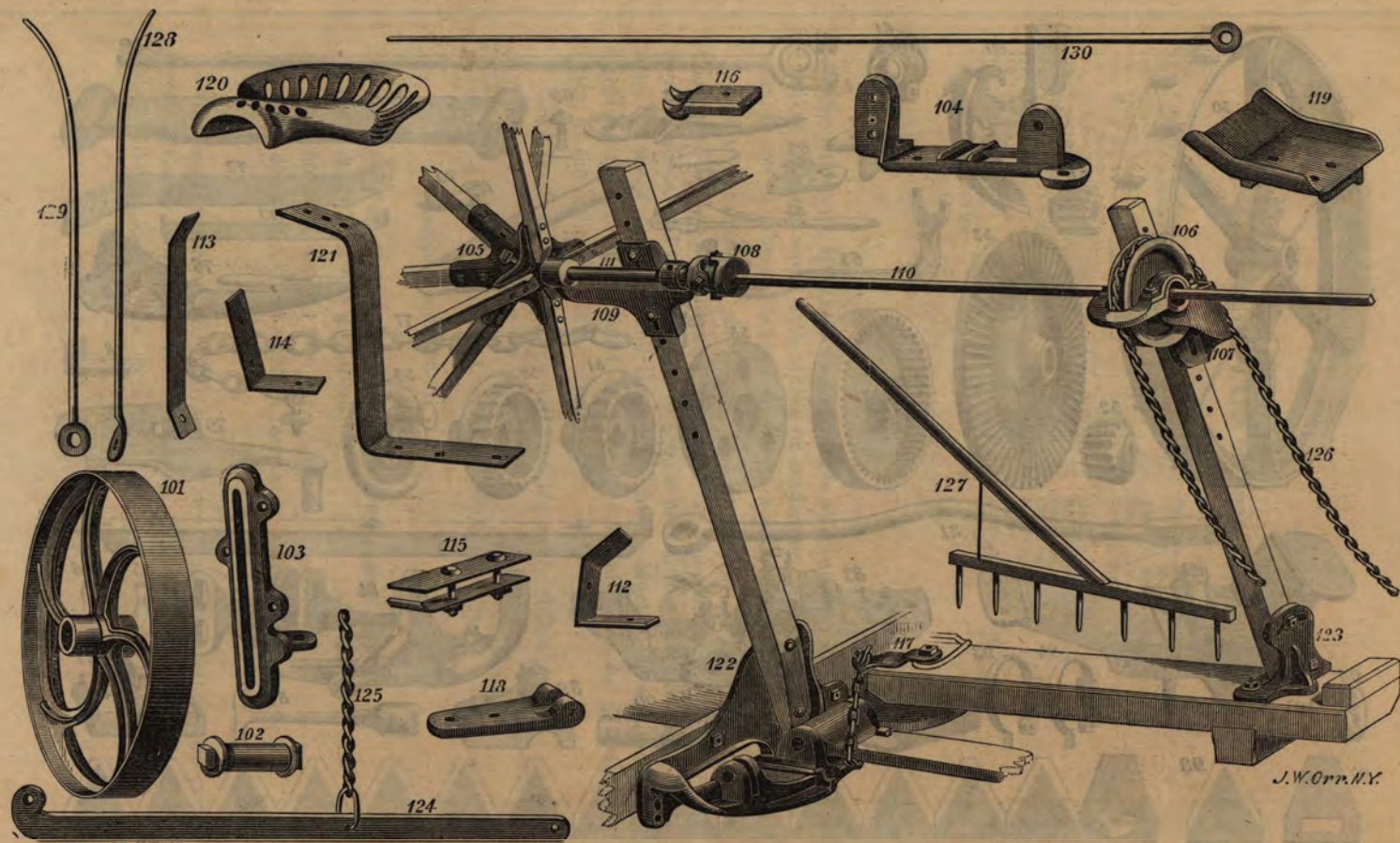
No. 1 MOWER AND REAPER, 5 feet cut in Reaping.....	
No. 1 MOWER, 4 feet 8 inch cut.....	
No. 2 MOWER, 4 feet 1 inch cut.....	
No. 2 MOWER AND REAPER, 5 feet cut in Reaping.....	

With each machine will be furnished two complete Scythes, two extra Knife-Sections, two extra Guard-Fingers, Screw-Wrench, Punch, Cold-Chisel, Oil-Can, and Rivets.



DESIGNED BY WILSON.

EXTRA PARTS OF BUCKEYE MOWER, No. 2.

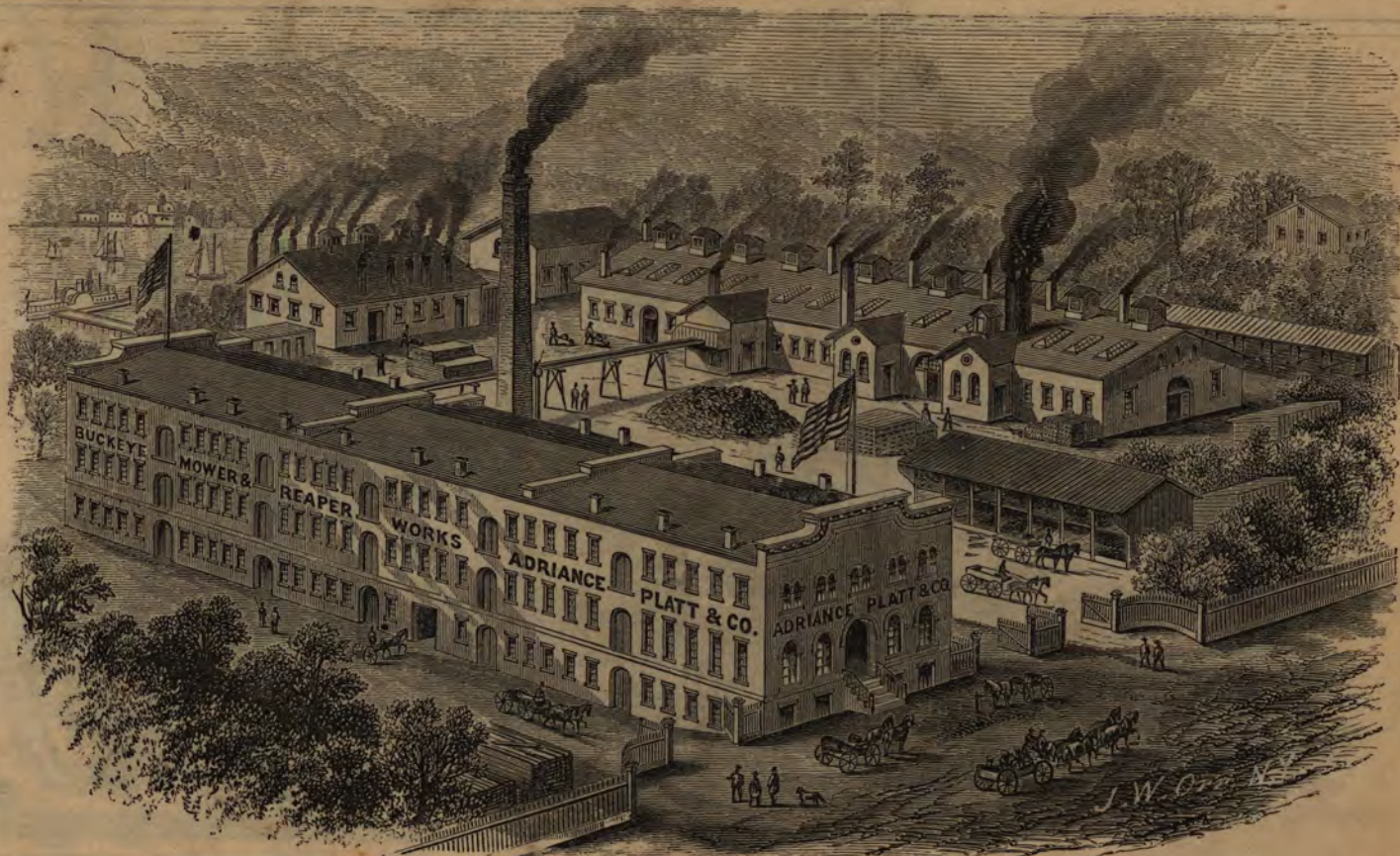


DRAWN BY WILSON

EXTRA PARTS OF REAPING ATTACHMENT, AND MANNER OF ATTACHING REEL.



REAPER AT WORK. FRONT VIEW.



Manufactory at Poughkeepsie.