

ILLUSTRATED CATALOGUE

OF

Wood's Reapers and Mowers,

AND

AGRICULTURAL IMPLEMENTS,

MANUFACTURED AND SOLD BY

Remington Agricultural Works,

ILION, N. Y.

Western Office & Salesroom,

81 & 83 MERWIN ST., CLEVELAND, O.

FRED'K C. GOFF, Gen'l Western Agent.

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PRIZE MOWER ON ROAD.

WALTER A. WOOD'S

SELF-RAKING REAPER & JOINTED BAR PRIZE MOWER.

1867.

The past year's experience in manufacturing these *widely known* and *justly celebrated* Reapers and Mowers has, if possible, strengthened our previous convictions of their superiority over all competitors.

We found in the numerous trials in which we placed the Reaper, for the benefit of farmers in sections where it was previously unknown, though their prejudice was *strongly against Self-Rakers*, and greatly in favor of machines manufactured in their own immediate vicinity, as soon as the Reaper began to operate, their prejudice vanished rapidly; that its continued operations in *all kinds* and conditions of *grain* and *grass* was as satisfactory as its first appearance, is fully attested by the heavy orders already made for the coming harvest; greatly exceeding the number ordered previous to this date the past year. Yet the sales of these popular Reapers and Mowers, the last year, was about *ten thousand machines*, a good evidence that they are highly appreciated in all localities where known.

For the opinion of farmers who have used these machines, we append a few of the many testimonials in our hands, which will be valuable chiefly to you where the parties giving them are known by you as they are by us, to be among the best farmers in the country, who are strictly reliable and cautious men.

Although Mr. Wood has probably possessed greater advantages for the manufacture of Reapers and Mowers than any other establishment, (being able to turn out from his factory at the rate of one machine in thirteen minutes,) he has been unable to supply the great and constantly increasing demand for his deservedly popular machines, and this too while so many of the heretofore leading manufacturers are carrying over unsold so large a proportion of the number they built. This inability to supply the demand for his machines where introduced, has made it impossible to introduce them as he desired into new territory. For this reason we find in many sections of our western territory the machines are but little known; but where known are preferred to any others.

Since closing our arrangements with Mr. Wood, we have erected, in addition to our heretofore extensive works, large and substantial buildings, furnished throughout in the most approved manner, and filled with all the most improved machinery to facilitate and perfect the manufacture of Reapers and Mowers. We have, in all its parts, a factory second to none of its kind in the country. With these facilities, and a determination to use none but the *best of material* in the construction of our machines, we shall hope to be able to supply the territory we have secured with a machine that shall every way meet the demands of our customers, for the best that can be built, of the best kinds.

That you may not be disappointed in securing these machines, forward *your orders early*; you lose nothing by doing so, and make sure of getting your orders filled. Remember **each machine is warranted to work in every respect as recommended.**

That you may be able to judge of the draft of the Wood Machine, compared with others, we append tables made at prominent trials, where all machines were represented by those acquainted with them, where they were tested in every way that could possibly affect their draft, strength and working qualities. Among these were two prominent trials of Reapers in the West, where competition was great and test severe, in both of which Wood's Self-Raking Reaper received the First Premium.

His Mower has been similarly honored, as you will see by referring to a few of the more important Prizes awarded him. Probably at the head of this list, in point of importance, should stand the Award of the Royal Agricultural Society, at their great trial at Plymouth, England, in July, 1865, where over forty machines were entered, and among them all the prominent American Reapers and Mowers. After probably the *largest and most severe tests* ever given this class of machinery, in that or any other country, the **First Premium** was awarded Walter A. Wood for *Best Reaper and Best Mower*. We are confident *every farmer* who shall test them will sanction this award as being just, and our conclusions to build them as being wise; and showing our determination ever to build only such Farm Implements as, on trial, shall prove superior to everything of their kind in the market.

We feel confident, that as built by us for the coming harvest, (having added many improvements which your judgment, on trial, will approve,) they will continue to meet with the favor they *deserve* and have *everywhere* received, whether in the hands of the *farmers* or of an *intelligent and impartial* committee; and at every point where tested they will continue the Victors.

Guaranteeing you entire satisfaction in all machines purchased of us, we respectfully solicit a *trial* of the same at your hands; believing, notwithstanding your prejudice for other machines with which you are better acquainted, we can, in the field (and there only do we expect fully to convince the skeptical who have so often found Self-Rakes a failure) overcome all this prejudice, by furnishing you a Self-Raking Reaper that, in all kinds of grain, will do better work, with less draft to your team, and using not only less help to manage the Reaper, but also from the superior manner in which your grain is delivered for binding, require less help for binding *than any other* Reaper built. Such we will warrant. (See warranty.)

Believing them, as built by us for the harvest of 1867, to be the *best Reapers and Mowers* to be found, we respectfully solicit an *examination and trial* of the *Walter A. Wood Self-Raking Reaper and Prize Mower* at your hands.

In addition to the Reaper and Mower, we manufacture and sell a general assortment of Farm Implements and Machinery. Some of the most prominent will be found illustrated in this pamphlet. All orders from *Ohio, Indiana, or Michigan* should be sent to **FREDERICK C. GOFF, our General Western Agent, CLEVELAND, OHIO.** All orders from *Central and Western New York* should be sent direct to

REMINGTON AGRICULTURAL WORKS,
UTICA, N. Y.



WALTER A. WOOD'S IMPROVED PRIZE MOWER.—On the Road.

IMPROVEMENTS IN MOWERS FOR 1867.

Improvement in Main or Jointed Shoe.

In Balance Shield.

In Mower Guard.

In Form of Frame.

In Raising Cutter Bar.

In Pitman.

Advantages of Wood's Jointed Bar Prize Mower.

The Mower, being supported upon two wheels, each 28 inches in diameter, placed 30 inches apart, both of which are driving, it has the whole weight of machine and driver to furnish power to vibrate the knives.

The Frame,

Which is made of wood, in quadrangular form, is framed closely and secured by draw bolts passing through both ends of same, giving the best possible bearings and greatest strength with least weight, the whole is hung upon the main axle in such form as to raise itself over rough and uneven ground, aided by the

Main or Jointed Shoe,

The upper or rear end of which works in a loop, which passes over main axle, and in front is connected to frame by a spring steel extension piece; thus throwing the strain against the axle, instead, as is usual, against the frame. The raising of this shoe in the loop, when the cutter bar strikes so solid against obstructions as to stop the team, saves the machine from the strain and breakage usual to other machines under such circumstances. It is a point which can be found *in no other machine*. This, with other like peculiarities, enable us to give the farmer not only a machine of much lighter draft, but at same time, much stronger than many of twice its weight, it being but 570 lbs. From the construction of this shoe, we have a light and durable joint, the bearings of which are nicely turned and fitted. When you come to examine this compact and close fitting shoe, and contrast it with the clumsy, loosely fitting joints ordinarily used, you will see the trouble complained of in them cannot exist in this, viz: the looseness of joint allowing cutter-bar to drop back throwing pitman out of line, causing much friction, increase of draft and breaking of knives.

The Guards

Are of Malleable Iron, plated on cutting surface with steel, which plates are firmly set and riveted, removing all danger of loosening. The closing of the guard at the shoulder adds much to strength of

WOOD'S IMPROVED



PRIZE MOWER AT WORK.

bar, and affords greater protection for knife in stony ground. Being attached by a single bolt, can readily be removed and replaced by any one without delay. Wheels are placed in both shoes for regulating height of cut.

Spring Seat,

Being in rear of the cutters, affords a safe and easy seat, enables the driver to watch their operation and prevents the possibility of being thrown into the cutters and by them maimed for life, which has frequently been the case where they are placed in rear of driver.

Raising Lever

Is placed at driver's right hand, by which he can readily raise not only the finger bar and cutters to pass obstructions, but by the balancing of *frame* on the axle, readily raise it to the same height of bar, and that too with

No Weight on Horses' Necks.

By the attachment of the Pole to same casting receiving seat, it is entirely independent of frame, is so adjusted as to neither give side draft or throw weight on horses' necks, whether at work or in being transported from place to place with bar folded.

Throwing In or Out of Gear

Is done with ease by the driver, without leaving his seat, by means of a lever behind and at his left hand.

Light Draft,

Is obtained by a *simple and direct* application of power, discarding all complicity of gearing and its attendant friction. We get a quick motion, which is applied in the simplest manner to a sickle, on which we use a narrow section playing through guards arranged to correspond, cutting but little over half the quantity of grass at each stroke of sickle that is usual in this class of machines. These points not only reduce greatly the draft of machines, but also, without quickening speed of team, enable us to cut through all kinds of grass, whether wet or dry, light or heavy, straight or tangled, without clogging.

Simplest Mower in use.

No farmer who will keep his knives sharp, his bolts screwed tight, and bearings well oiled, will ever have trouble in running or keeping it in order.

Most Durable.

In proportion as you simplify and reduce friction, other things being equal, you add to the durability of a machine. This being the most simple, is consequently freest from friction. We claim it to be the most durable, and for proof, we refer you to any who have used them, as manufactured by either *Walter A. Wood*, at Hoosick Falls, N. Y., *Oliver Ames & Son*, of Boston, or by ourselves, at Utica, N. Y. On those we manufacture, we are prepared to give the following liberal

Terms of Warranty.

That it is made of good materials, and will do as good work in any kind of grass as any mower in use; and if after a trial of one-half



CUT OF MOWER PASSING A STUMP.

day, anything shall prove defective, notice shall be given us, or our agent, and time allowed for a second trial, when if it does not work as above recommended, it may be returned, subject to refunding the money paid thereon. Continued possession of machine shall be evidence of satisfaction.

No mowing machine will work well or last long, unless the oiling and tightening of the nuts is faithfully attended to.

 Keep the knives sharp and go ahead.

Trial of Mowers and Reapers at Fonda, N. Y.

Where were a larger collection of different machines than was ever seen on one field in the State, not excepting the Great National Trial, at Syracuse, in 1857. Trial produced the following results:

NAMES OF MACHINES.	TOTAL DRAFT.	WIDTH OF SWATH.	DRAFT PER INCH.
W. A. Wood's.....	200 lbs.	4 feet.	4.16 lbs.
Buckeye.....	287 "	4 " 2 inches.	5.13 "
Kirby's.....	300 "	4 " 2 "	5.36 "
Hubbard's.....	290 "	4 " 6 "	5.85 "
Ketchum's.....	287 "	4 " 5 "	5.42 "
Hallenbeck's.....	300 "	4 " 6 "	5.55 "
Marcellus " Empire,".....	300 "	4 " 4 "	5.55 "
Ball's Manny.....	337 "	4 " 11 "	5.73 "
Parkhurst's Buff Mower.....	337 "	4 " 10 "	5.82 "
Clute & Beebe's.....	380 "	4 " 10 "	9.51 "
Mulley's.....	387 "	4 " 11 "	9.56 "

List of Iron and Steel Parts of Wood's Joint Bar Mower.

Agents or others ordering extras, will please give name and number of pieces wanted, then *no mistake* will be made. Numbers corresponding with those on diagram on opposite page, will be found cast in all cast parts of our machines.

A M. Shackle Iron.....	75	No. 108. Balance Wheel and Wrist.....	2 66
B M. Guard Bar, Plate and Drilled.....	10 00	No. 115. Bevel Pinion.....	75
C M. Guard Bar complete.....	22 00	No. 68. Bevel Gear.....	2 25
D M. Scuffle.....	6 50	No. 45. Clutch.....	75
E M. Section.....	25	No. 67. Fork Shifter for Clutch.....	30
F M. Pitman.....	6 00	No. 21. Gear Shifter Stand and Lever.....	1 50
G M. Pitman Pin.....	20	No. 182. Cross Shaft and Thimble.....	2 50
H M. Brass Pitman Lining.....	20	No. 71. Ratchet and Gear, Right Hand.....	1 25
I M. Extension Piece.....	2 50	No. 72. Ratchet and Gear, Left Hand.....	1 25
K M. Crank Shaft.....	2 75	No. 121. Pawl Holder, Right Hand.....	75
L M. Spiral Springs.....	2 05	No. 122. Pawl Holder, Left Hand.....	75
M M. Main Axle.....	4 00	No. 119. Pawl, Right Hand.....	20
N M. Axle Pin.....	30	No. 120. Pawl, Left Hand.....	20
O M. Raising Lever complete.....	2 50	No. 1. Axle Shoulder, Right Hand.....	50
P M. Hammer Strap.....	25	No. 203. Axle Shoulder, Left Hand.....	50
R M. Wrench.....	50	No. 205. Axle Washer.....	10
S M. Graduating Shoe Bolt.....	40	No. 63. Draft and Seat Standard Iron.....	5 00
T M. Main Shoe Bolt and Nut.....	50	No. 111. Lever Catch.....	25
U M. Guard Bolt.....	30	No. 110. Lever Rest.....	50
V M. Slide Holder Bolt.....	30	No. 62. Pole Iron.....	1 00
W M. Bolt for Roller in Main Shoe.....	50	No. 147. Seat.....	1 50
X M. Bolt for Out End of Cutter Bar.....	15	No. 13. Cross Shaft Box.....	1 00
No. 154. Drive Wheel.....	2 50	No. 25. Upper Crank Box.....	1 50
No. 167. Main Shoe, J. B. Top.....	4 50	No. 34. Lower Crank Box.....	1 00
No. 168. Main Shoe, J. B. Bottom.....	2 25	No. 204. Frame Washer.....	10
No. 172. Wheel in Main Shoe.....	1 25	No. 207. Bevel Washer Mower Frame.....	10
No. 196. Large Sickle Holder.....	15	Scythe Eye.....	1 00
No. 149. Small Sickle Holder.....	15	Pitman Eye, lower end.....	1 00
No. 295. Guard.....	50	Pitman Stub, upper end.....	75
No. 170. Graduating Shoe, without wheel.....	2 00	Spring for Gear Shifter.....	10
No. 131. Wheel in Graduating Shoe.....	50	Spring Keys.....	65
No. 286. Pitman Pin Holder.....	20	Rivets per lb.....	40
No. 273. Balance Shield.....	1 25	Pitman Washers.....	95

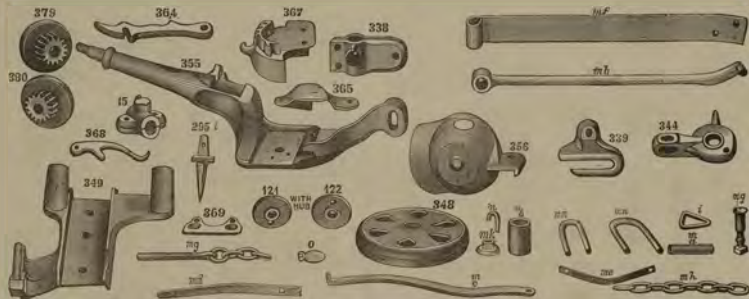


DIAGRAM OF NEW IRON AND STEEL PARTS IN MOWER IMPROVED FOR 1867.

M A. Balance Wheel Wrist.....	\$ 75	M L. Washer on Main Axle.....	\$ 30	No. 308. Catch holding Cutter Bar by Lever.....	\$ 50
M B. Pitman, Improved 1867.....	\$ 00	M M. Large Clasp Bolt for Upper Crank Box, 1866.....	75	" 348. Leading Wheel for Main Shoe.....	1 50
M C. Iron for raising out Red Cutter Bar, 1867 Pat.....	75	M N. Small Clasp Bolt for Upper Crank Box, 1867.....	75	" 304. Cutter Bar Holder.....	50
M D. Iron for raising out end Cutter Bar, 1866 Pat.....	75	O. Box Cap.....	05	" 365. Cap for Cutter Bar Holder.....	50
M E. Seat Springs Each.....	75	No. 339. New Pat. Malleable Gunnel, 1867.....	50	" 355. Improved Main Shoe for 1867.....	6 00
M F. Steel Spring Extension Piece.....	\$ 00	" 338. Pitman Holder, Improved 1867.....	75	" 309. Wear Iron.....	30
M G. Pin and Chain attaching Extension Piece to Main Shoe.....	75	" 356. Balance Shield, New Pat.....	1 50	" 379. Right Hand Ratchet & Gear, 1867.....	1 25
M H. Chain for raising Cutter Bar.....	25	" 344. Support upper end Main Shoe.....	1 25	" 380. Left Hand Ratchet & Gear, 1867.....	1 25
M J. Bolt for Leading Wheel in Main Shoe.....	40	" 338. Upper Crank Box for 1867.....	1 50	" 121 I. Pawl Holder, R. H., with hub.....	75
M K. Nut for upper end Main Shoe.....	50	" 349. Draft and Seat Standard Iron Improved.....	5 00	" 122 I. Pawl Holder, L. H., with hub.....	75
		" 367. Foot Lever Standard.....	1 25	" 15. Cross Shaft Box used on Reaper and Mower, 1867.....	1 25

WOOD'S

Self-Raking Reaper and Mower

COMBINED.

The general use of Hand-Raking Reapers has been followed by the successful introduction of Self-Raking Reapers. Mr. Wood's experiments with this class of Reapers commenced in 1850, and continued through that and the following season. The principle adopted by him has proved to be the true one. The past five seasons have been employed in perfecting its details. The results of the last harvest leave nothing to add in the way of strength or proper arrangement of its parts. The large number *made* and *sold* the past season greatly exceeds that of all other kinds of Self-Raking Reapers built in this country. We annex a few testimonials showing their complete success.

Field Trials.

Mr. Wood appeared with his Self-Raking Reaper at the Dixon Trial, held under the auspices of the Illinois State Agricultural Society in 1862, for the first time in western territory, the ground being occupied and forestalled. So far as wealth and business energy could do it, everything was against him, but his machine. Of its working there the Chicago Evening Journal, July 30, thus alludes:

"Wood's Self-Bake was the center of attention. The whole formation was compact, working with unpretending ease, with an arm of wood, an elbow of iron, and fingers of steel, gracefully laying off the gavel, at the will of the driver, by means of his foot to a lever, and in compact and uniform size in all kinds of grain, and out of the way of the team in their next round, walking through tangled grain or grass unconscious of any trouble as experienced by other machines. Mr. Wood's machines are comparatively unknown in the West, but he has made a mark in this contest which he is doubtless prepared to improve."

His machine was so much in his favor, that though competing with some forty-one different kinds, among them the McCormick, Dorsey's, Seymour & Morgan's, Ball's, Buckeye, Excelsior, in fact all the machines of the present day, the jurors, composed of the first men of the West, *awarded First Premium for best Reaper to Walter A. Wood's Self-Raking Reaper*, at nearly every succeeding trial in which it has since been placed by him (and they are numerous though but two in this country so extensive) has the judgment of that committee been confirmed. That the award made at the great Dixon Field Trial was sanctioned by the large concourse of farmers present, is clearly shown by the great demand for them the following harvest; and each succeeding harvest has seen the demand steadily and rapidly

increasing. The simplicity and ease in the operation of the jointed arm of his Self-Rake, while it has full command of the grain, never fails to command the admiration of all, the power required in handling the grain is applied so simply and directly, as to make the draft much less than any other self-raker. Its weight is eight hundred and fifty pounds; the parts so free and easily adjusted, that it is no more liable to get out of order than a hand-raker, and it is more easily worked and managed than any other machine in use.

Points of Superiority of Self-Rake.

The peculiarities of Wood's Self-Rake consists in the Rake being worked by a pitch chain which margins the platform, and carries the front end of the Rake round the platform, the back end being supported by a double jointed guide. Its action is simple, and the power applied is direct without loss of leverage.

The Rake, by a simple and rapid motion, grasps the cut grain at the butts and sweeps it across the platform, making a perfect separation from the falling grain without entangling or scattering the straws—raking off short grain as well as long.

The separation being effected, the grain is compressed in a compact and regular gavel against the wing board, and delivered at the side of the machine in better shape for binding in all cases, than can possibly be done by hand, and entirely out of way of team in its next round.

The Driver's Seat.

The driver is seated in the rear of the cutters, where he may watch their operation without any fear of being thrown into them and cut to pieces. He also, by a movement of his foot, *can regulate the size of gavel* without any change for light or heavy grain. This is indispensable in a perfect Self-Raker.

Lever for Raising and Lowering.

This machine being so perfectly balanced on the axle, is easily raised or lowered by means of a lever, which is always under the control of the driver, however weak or small he may be. This enables him to save all lodged grain, and that without the use of fence rails, timber, blocking, or a squad of men.

No Side Draft.

The Driving Wheels and gearing for driving both the Sickle and Rake being placed outside the centre of drafts, with drivers seat out side of all, relieves it entirely of all side draft.

No Weight on Horses' Necks.

The machine being perfectly balanced on the Driving and Grain Wheel, relieves the horses' necks of the great weight they are usually compelled to carry with other machines.

Lightest Draft Machine in America.

The draft is one-third lighter than any other Self-Raking Reaper, from its simple construction, and the direct application of the power to drive the Rake. For proof of this, see trial tables and reports.



WOOD'S SELF-RAKING REAPER.

Patented June 19, 1855. Patented August 14, 1860. Patented September 11, 1860. Patented November 19, 1861.

CAN SELF-RAKE BE USED AS A MOWER?

The position adopted by Mr. Wood, in the beginning of his experiments, was that no one machine, with same gearing and Cutter Bar, can be made to do equally good work in grass and grain. In one or the other place it will come short. In this, nearly all intelligent farmers now agree. In reaping, a *slow motion*, and *light*, but *firm* Cutter Bar, is required, because constantly carried above and not on the ground. In mowing, a *quick motion* and flexible Cutter Bar is required, to follow the uneven surface of ground on which it is running. That we may accomplish this, and furnish a machine that shall do both kinds of work to satisfy all, we furnish for mowing a separate Frame, Gearing, and Cutting Apparatus, giving to the Mower a *quick motion* with *flexible Cutter Bar*, making it necessary to take from the Reaper only the Drive Wheel, Grain Wheel, Seat and Pole, with Hounds attached. The only difference between single and Combined Self-Raking Reaper is, a Mowing Attachment accompanies the former to make it combined.

On the opposite page will be found a cut of the mowing attachment with Cutter Bar folded for transportation. This shows it with *all extra parts on* as needed to make it complete for mowing, and for ease of *Draft, quality of Work, and Durability*, it has no superior among any combined mowers built.

In the *Combined Self-Raking Reaper* as now manufactured, we are able to offer the farmer the *Best and Most Perfect* Combined Reaper and Mower built. In them we have entirely overcome the numerous difficulties heretofore found in all combined machines. *See them at work, and try them yourselves, and we know you will be convinced of their superiority.*

Terms of Warranty.

The Self-Rake Reaper is warranted capable of cutting and delivering from twelve to twenty acres of grain per day, doing the work better than is usually done by hand rakes, and with less draft to the team.

The Mower is warranted capable of cutting from ten to twelve acres of grass per day, in a workmanlike manner.

If, after a trial of one half day, anything should prove defective, notice shall be given to the agent, and time allowed for a second trial, when, if the machine does not work as recommended, it shall be returned. Continued possession of the machine will be evidence of satisfaction.



MOWING ATTACHMENT COMPLETE.—On the Road.



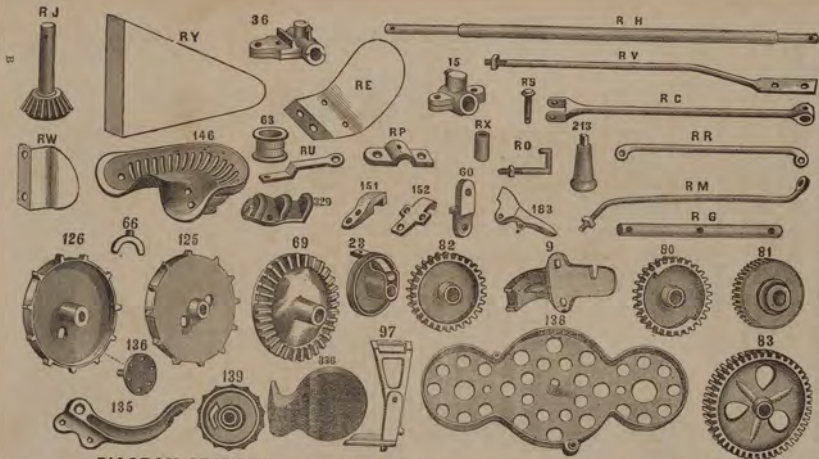


DIAGRAM OF IRON AND STEEL PARTS OF WOOD'S SELF-RAKING REAPER.

Agents or other persons ordering Extras, will please give the number and name of the pieces wanted; also the number of the Machine. Numbers corresponding with diagram will be cast in all cast iron parts, thereby removing all chance of ordering wrong piece.

List of Iron and Steel Parts of Wood's Self-Raking Reaper.

Agents or other persons ordering extra parts, will please give name and number of same as shown in diagram on next page. Numbers corresponding with these, affixed to parts in diagram, will be cast in each cast piece of the machine.

 Adhere strictly to this, and no mistake will be made.

R. A.	Sickle.....	\$ 9 00	No. 80.	Lower Rake Gear.....	\$ 2 25
R. B.	Section.....	35	No. 138.	Rake Gear Plate, (or Housing).....	3 50
R. C.	Pitman.....	3 20	No. 135.	Rake Shaft Brake.....	1 00
R. D.	Pitman Pin.....	20	No. 25.	Rake Shaft Clutch and Pawl.....	2 25
R. E.	Balance Shield.....	50	No. 159.	Rake Shifter.....	1 00
R. F.	Crank Shaft.....	3 00	No. 77.	Mitre Pinion Rake Shaft.....	1 00
R. G.	Cross Shaft.....	3 00	No. 125.	Driver for Rake Chain.....	1 50
R. H.	Rake Shaft.....	3 50	No. 37.	Box for Chain Driver.....	1 50
R. J.	Upright Shaft with Mitre Pinion.....	2 25	No. 47.	Oil Cup for Chain Driver.....	30
R. K.	Platform Chain.....	6 00	No. 136.	Platform Chain Gear.....	1 25
R. L.	Rake Steel for Chain.....	75	No. 136.	Platform Chain Gear Stud.....	50
R. C. C.	Malleable Rake Socket.....	75	No. 142.	Upper Reel Sheave.....	1 75
R. H. H.	Malleable Rake Hinge.....	1 25	No. 145.	Lower Reel Sheave.....	1 75
R. A. A.	Malleable Rake Head.....	1 75	No. 39.	Bearing for Reel.....	50
R. M.	Reel Brace.....	1 20	No. 100.	Post Reel Bearer.....	40
R. N.	Reel Chain.....	3 00	No. 215.	Washer for Reel Arms.....	15
R. O.	Clasped Bolt Support Reel Bearer.....	50	No. 336.	Balance Shield, Improved.....	1 50
R. P.	Axle Cap.....	40	No. 38.	Axle Bearing.....	40
R. A.	Main Axle.....	2 25	No. 9.	Main Axle Support, outside.....	1 25
R. B.	Seat Brace.....	1 00	No. 187.	Drive Wheel.....	34 00
R. S.	Wrought Draft Iron for Crotchets R. H.....	1 00	No. 189.	Grain Wheel.....	4 50
R. T.	Wrought Draft Iron for Crotchets L. H.....	1 00	No. 190.	Grain Wheel Stud.....	1 50
R. W.	Hammer Strap.....	25	No. 25.	Upper Crank Box.....	1 00
R. Y.	Long Rod holding Cutter Bar to Frame.....	1 25	No. 34.	Lower Crank Box (same as Mo's) No. 13. R. H. or Inside Cross Shaft Box, same as used on Mower 1867.....	1 00
R. W.	Shield for Mitre Pinion.....	1 40	No. 15.	L. O. or outside Cross Shaft Box.....	1 25
R. X.	Thimble for Rake Stud.....	15	No. 36.	L. H. or outside Rake Shaft Box.....	1 25
R. Y.	Inside, or L. H. Grain Shield or Gatherer.....	1 50	No. 35.	R. H. or Inside Rake Shaft Box.....	1 00
No. 88.	Guard.....	25	No. 146.	Seat, can also be used on Mower.....	1 20
No. 89.	Guard, with Slot.....	30	No. 108.	Seat Iron.....	50
No. 151.	Large Sickle Holder.....	30	No. 229.	Iron for Draft Staple and Knee Iron.....	75
No. 152.	Small Sickle Holder.....	15	No. 228.	Large Iron Draft Staple.....	20
No. 200.	Balance Wheel and Wrist.....	2 00	No. 101.	Knee Iron for Lever Standard.....	40
No. 115.	Bevel Pinion, (same as Mower).....	75	No. 60.	Iron for Foot Raising Lever.....	40
No. 69.	Bevel Gear.....	2 25	No. 182.	Catch and Spring upper and Rais- ing Lever.....	50
No. 81.	Main Driving Gear.....	2 25	No. 212.	Socket Wrench.....	40
No. 60.	Half Circle for Gear Shifter.....	25	No. 63.	Reel Collar.....	40
No. 97.	Gear Shifter Stand and Lever.....	1 50	Links and Couplings for Plat- form Chain, each.....		00
No. 82.	Upper Driving Gear for Rake.....	2 25			
No. 83.	Intermediate Rake Gear.....	2 25			

Report of Judges at the Dixon Trial.

The following extract from the Report of Judges at the Illinois State Agricultural Society's Trial at Dixon, July, 1862, shows the width of cut and draft in grain of independent reapers:

No.	NAME OF REAPER.	WIDTH OF CUT IN GRAIN.	DRAFT IN GRAIN.
1	H. H. Taylor's "Buckeye," Hand-Rake.....	5 feet 9 in.	365 lbs.
2	John P. Mann's Hand-Rake.....	6 " 0 "	345 "
3	D. M. Osborn & Co.'s "Kirby," Hand-Rake.....	5 " 2 "	350 "
4	Cline, Selberling & Flower's "Excelsior," rear Deliveryer.....	5 " 4 "	325 "
5	C. H. McCormick & Bro's Self-Raker.....	6 " 0 "	475 "
6	E. Ball's Hand-Raker.....	6 " 0 "	325 "
7	Seymour, Morgan & Allen's Self-Raker.....	5 " 0 "	350 "
8	Walter A. Wood's Self-Raker.....	5 " 8 "	295 "
9	Walter A. Wood's Hand-Raker.....	5 " 0 "	275 "

Note.—In the above table, Draft of Wood's Self-Rake Reaper, 225 lbs. McCormick's Self-Rake Reaper, 475 lbs.

Prizes.

A few of the many prizes awarded to W. A. WOOD'S REAPER in the West and Europe:

FIRST PRIZE, GOLD MEDAL AND 300 FRANCS at the French Provincial Exhibition at Orlan, September, 1864.

SILVER MEDAL AND £5 STERLING by the Royal North Lancashire Agricultural Society, August, 1864.

FIRST PRIZE by Illinois State Fair.

"	"	"	Iowa	"	1864.
"	"	"	Michigan	"	1864 and 1866.
"	"	"	Wisconsin	"	1864.
"	"	"	Kentucky	"	1865.
"	"	"	Indiana	"	1865 and 1866.
"	"	"	St. Joseph's County Fair,		1865.
"	"	"	at Great Trial, Dixon, Ill.,		1862; 41 machines entered.
"	"	"	DeKalb, Ill.,		1863.
"	"	"	Kenosha, Wis.,		1864.
"	"	"	Royal Agricultural Society, England,		1865; 40 machines entered.
"	"	"	Cuyhoga, Franklin, Lorain County Fair, Ohio,		1866.
"	"	"	Elyria Union Fair, Ohio,		1866.
"	"	"	Washtenaw, Jackson, Calhoun, Cass, Berian, Ionia, and Shiawassee Counties, Mich.,		1866.

In fact at nearly every Fair where exhibited the past year. At the New York State trial, at Auburn, Mr. Wood was awarded a Gold Medal.

TESTIMONIALS.

WASHINGTON TOWNSHIP, PARKE CO., IND., January, 1867.

WM. KNOWLES & Co., ROCKVILLE, IND., GENTS: The Wood's Self-Raking Reaper and Mower Combined, which I purchased of you last season, gives entire satisfaction. I believe it combines more advantages than any other machine that has ever been offered to the farmers of Parke county, and I take pleasure in recommending it to all who want a first-class machine.

Yours truly,

JAMES V. GEIGER.

Would not take twice its cost.

WARASH TOWNSHIP, PARKE CO., IND., Jan. 4, 1867.

WM. KNOWLES & Co., ROCKVILLE, GENTS: Walter A. Wood's Self-Rake and Mowing Attachment, which I purchased of you last season, is the machine. There is no use of trying to sell any other in my neighborhood to those who have seen it work. I would not take twice its cost, and be compelled not to purchase another. It does its work better than any other machine I ever saw; is very light draft, easily managed, and will, in my opinion, be durable.

Yours respectfully, &c.,

SAMUEL SEXON.

RICK TOWNSHIP, SANDUSKY CO., OHIO.

F. C. Goff, Esq., CLEVELAND, OHIO: After having used the Wood's Self-Raking Reaper the past season, I am fully satisfied it is the best in use. I have used it on very rough ground and in heavy grain, and find that the Rake works in the most perfect manner, leaving the bundles even and compact that it was entirely unnecessary to use a hand rake in binding. By using a pair of shafts, I can mow with one horse.

THOMAS ENOCHS.

ADAMS TOWNSHIP, PARKE CO., IND., January, A. D. 1867.

Messrs. Knowles & Co., GENTS: Last spring I determined to buy the best Reaper and Mower in the market, and, before purchasing, I took pains to examine the Buckeye, the Ball, and all the leading machines in the country, and to see them work. I then determined to buy of you Walter A. Wood's Self-Raking Reaper and Mowing Attachment. I cut my wheat with it, and then moved the machine eight miles and cut my father's (Thomas K. Harvey, Esq.) and my father, being so well pleased with the machine, desired me to leave it with him and purchase another, which I did. I used the Mowing Attachment to cut my grass, and I am free to state that I consider Wood's Self-Raker and Mowing Attachment as the best machine, single and combined, that has been introduced into this part of the country.

WILLIAM H. HARVEY.

ROCKVILLE, IND., January, 1866.

WM. KNOWLES & Co., GENTS: This is to certify that each of the subscribers purchased of you last season Walter A. Wood's Self-Raking Reaper and Mowing Attachment, and that after trying it to our satisfaction, both as a reaper and Mower, we cheerfully recommend it to the farming community as the best Machine with which we are acquainted. Respectfully, &c.

JOHN HUMPHREYS,
A. LEONAH.

GREEN TOWNSHIP, PARKE CO., IND., January 4, 1866.

Messrs. WM. KNOWLES & Co., GENTS: I cheerfully state to the farmers of the Wabash Valley that I have used Walter A. Wood's Self-Raking Reaper and Mower combined for the past three years, have tried it fully, on all kinds of ground, in thick and thin grain and grass, and that I consider it, as a combined Reaper, the best that has ever been introduced into this country. It is of light draft, durable, and does its work well. Its raking is so far superior to that done by hand, that I estimate it equal to saving not only one hand to do the raking, but I count the work of the Self-Raker worth fully a half hand more for every day's work. Very respectfully, &c.

JOHN T. JACK.

ROCKVILLE, IND., January 3, 1866.

Messrs. WM. KNOWLES & Co., GENTS: I take great pleasure in saying to you, for the benefit of the farming community, that I had my crop of grass cut last year with the Prize Mower of Walter A. Wood, and that after the most thorough trial, I am satisfied that it is the best Mower I ever saw. The Machine is of lighter draft, will turn on smaller space, and do its work with more completeness than any other with which I am acquainted.

G. K. STEELE.

I fully concur in the above statement of Gen. Steele, having thoroughly tested the above Machine to my entire satisfaction.

JAS. R. LAMBUR, SR.

CRESTLINE, January 19, 1867.

MR. F. C. GOFF, WESTERN AGENT OF REMINGTON AGRICULTURAL WORKS: I take pleasure in saying that I bought one of your Jointed Bar Prize Mowers, and think it the lightest running machine I ever saw. I have mowed on all kinds of ground, over stones and against stumps, in woods and all kinds of grass, slow and fast, I cannot clog it, and have not broke it—it is as good as new.

Respectfully yours,

WM. McCALLY.

I have sold the Prize Mower for two seasons, and find it to be just the thing the farmers want. I would refer you to Wm. Pitt, John Newman, Esq. Bowls, who are using the Machines. Respectfully Yours,

GEO. W. PIERCE.

PLYMOUTH, WAYNE COUNTY, MICHIGAN, January 31, 1867.

F. C. GOFF, SIR: We bought of your Agents, S. Hardenbergh & Co., one of Wood's Reapers, with Mower Attachment, and used the same the past harvest, and are satisfied it is the best Combined Machine ever introduced in this part of the State; it does its work in the best manner and with less draft on a team, together with many other advantages over any other we have ever used, we therefore recommend it to the farming community.

CALVIN WHEELER,
WEBSTER WHEELER,
ELY SMITH.

GEORGE VANCICKOL,
HIRAM TOUCEY,
MANTON VANCICKOLDS.

YPSILANTI, Jan 23, 1867.

F. C. GOFF, AGENT FOR WOOD'S MACHINES, DEAR SIR: Your Machines used in this vicinity last season gave complete satisfaction.

WM. CAMPBELL.

I fully endorse the above, as I think it the best Machine that I ever used.

JNO. GILBERT.

Where Others Failed.

SALEM, January 24, 1867.

S. HARDENBURGH & Co., DEAR SIR: The Wood two-wheel Prize Mower purchased of you has given us the best satisfaction of any machine we ever saw used. We cut one low land meadow for a neighbor, on which they tried the Buckeye, Exelsior, Eureka, and Kirby, and could not cut it as it should be cut, and we cut it with perfect ease, and can recommend it to the farmers to cut in all kinds of grass, wet or dry.

O. WOODWORTH,

WM. MURRY.

The Best and Lightest Draft in Use.

INDIANAPOLIS, IND., October 10, 1865.

CHAS. E. WHITMAN, Esq., DEAR SIR: The undersigned certify that we have used Wood's Self-Raker four seasons, and unhesitatingly say that it is the best Reaper we have ever seen. It makes a better gavel than can be made by hand, saves one binder, making a saving of two men over the Hand-Raker. Its simplicity will recommend itself to all. It is the lightest draft Reaper we have ever seen—two small horses working it with ease; never scatters a straw, and rakes the platform clean each time; has no side draft. The Prize Mower is the *ne plus ultra* of Mowers. We recommend W. A. Wood's machines to the farmer as having no superior.

CALEB SMITH,

JOHN W. BRUCE,

J. WATT SMITH,

GEORGE BRUCE.

Compared with "Buckeye."

KENOSHA, Wis., February 13, 1865.

MESSRS. M. E. FULLER & Co., GENTS: I take pleasure in stating that the Wood's two-wheeled Mower and Self-Raking Reaper that I purchased of your agent, W. S. Maxwell, worked to my satisfaction. I used the Buckeye machine three years previous to my getting this, and would not now take one as a gift (and be obliged to use it.) If Wood's machine could be had. I used the Mower where it was very rough—bays a foot high and the grass heavy, and have yet to see a mower that will adjust itself to the ground as well, and do the work as nice.

Yours truly,

G. J. VINCENT.

SHELBYVILLE, IND., December 4, 1865.

F. C. GOFF, DEAR SIR: We, the undersigned, having used one of W. A. Wood's Self-Raking Reapers the past season, do most cheerfully recommend it to all in want of a good machine, as it runs light, rakes well. We are well acquainted with the different machines in use here, and would prefer your Self-Raking Machine to any of them.

ALBERT MORRISON,

ZEPHENIAH STUBBS,

JESSE ROADS,

SQUIRE PARKER.

Two Years' Experience.

BRANCH Co., MICH., Dec. 18, 1865.

D. S. HARRINGTON, DEAR SIR: We, each of us, having purchased of you one of W. A. Wood's Self-Raking Reapers and Prize Mowers, and having used them two years, we do most cheerfully recommend them as the best harvesters and mowers in this section of country, and would advise all who want either a harvester or mower to buy them in preference to any other.

Yours, &c.,

M. M. FOX,

PETER MANN,

DANL. KINGSTON,

WM. KING,

A. C. SHEPHERDSON,

BENJAMIN SMITH,

HENRY CYRAL,

UTICA, August 22, 1865.

REMINGTON AGRICULTURAL WORKS: Having used one of Walter A. Wood's Improved Mowing Machines this season, purchased of you, I can express my entire satisfaction as to its merits. It is very light of draft, compact, and easily managed by inexperienced. It cuts the grass as smooth and even as any machine that I know of.

Yours,

H. K. HART.

REMINGTON AGRICULTURAL WORKS: I have used one of Wood's Latest Improved Mowing Machines, bought of you, this season, and can say that it possesses a very valuable improvement. It works light and easy, is nothing but a plaything for a team to manage; so light that two boys drew it around a lot, and mowed as good as when the team was attached. It will cut the grass as well when team walks slow as when fast. I have used it in wet as well as dry grass, and never found it to clog in the least.

Yours truly,

F. M. RUCK.

A Small Boy Can Manage it Successfully.

SOUTH BEND, IND., November, 1865.

F. C. GOFF, Esq., Sir: We, the undersigned, having used Walter A. Wood's Self-Raking Reaper and Mower, take pleasure in giving them our hearty recommendation. The Self-Rake works like a charm, excelling the most expert hand rakes. The driver regulates the size of the gavel at will, (with his foot,) and raises and lowers the cut of the machine while in motion with perfect ease.

The draft is light for two horses, and the machine is so easily managed that a small boy can work it successfully. The "Prize Mower" is the lightest draft, and most perfect mower we have ever seen. To all those who contemplate purchasing harvesting machines, we would say, *buy Wood's*, and you will never regret it.

E. RUPEL,

DANIEL W. MILLER,

I. N. MILLER.

JAMES R. MILLER,

PHILLIP MASON,

WARREN IRVIN,

JAMES ROBINSON,

JOHN J. RUPEL,

GEORGE SCOTT,

JAMES RUPEL, Sr.

C. MYLER.

Experience of one of McCormick's Oldest Agents.

SOUTH BEND, IND., November, 1865.

F. C. GOFF, Esq., Sir: Having had considerable experience in the use of a variety of harvesting machines, (including McCormick's first attempts,) I take pleasure in making a statement concerning the working of Walter A. Wood's Self-Raking Reaper and Prize Mower. I have used these machines ever since their first introduction into this State, and have placed them in competition with other leading machines, and I do unhesitatingly pronounce them superior to all. The Self-Rake delivers the grain in better condition for binding than any hand-raking machine I ever saw. For durability, ease of management and lightness of draft, Wood's machines are certainly unrivalled. I have never found grass or grain that they would not cut without any trouble whatever. I would cheerfully and confidently recommend Wood's machines to the farmers of the West.

Yours truly,

WILLIAM MILLER.

Was Disappointed in Mowing Attachment.

BROWNSBURY, IND., December 1, 1865.

MR. C. DICKSON: The Combined Self-Rake Reaper and Mower, (Wood's,) purchased of you last spring, gives the most unbounded satisfaction. I cut about 60 acres of wheat and about the same of grass. The draft is lighter than any machine I ever saw, and I have worked with and used nearly every kind in the market. The Mower I was much disappointed in—it worked like a charm, and the draft comparatively nothing. I can heartily recommend them to the farmers as the machine of all others. Yours truly,

JOHN PATTISON.

600 Acres in One Season and No Repairs.

HALFMOON BAY, SANTA CLARA CO., CAL., Aug. 9, 1864.

MESSES. THREADWELL & CO., SAN FRANCISCO, CAL., GENTS: I have finished my harvest with the "Wood Self-Rake Reaper," purchased of you, made by Walter A. Wood, of Hoosick Falls, N. Y. The machine has performed to my entire satisfaction. I have cut this season over six hundred acres with the machine without one shilling expense for repairs. No other machine can be sold in this section for the next harvest.

Yours,

MICHAEL WOLFE.

No Reaper to Compare with it.

CHICAGO, ILL., Feb. 8, 1864.

MR. WALTER A. WOOD, DEAR SIR: The Self-Raker, which I had not a good opportunity to try the season before last, proved a perfect success the last season. I had about 100 acres of oats, and from the time I began until they were finished, there was not the least delay from any defect in the machinery. When my men were ready, the machine was, and I know of no reason why it will not be for several seasons to come. For my purpose, I have found *no Reaper to compare with it*.

Your obedient servant,

HON. JOHN WENTWORTH.

No Side Draft.

INDIANAPOLIS, Sept. 2, 1865.

MR. DICKSON: After using Wood's Self-Rake Reaper and Mower two years, I most cheerfully say that I think it is the only Reaper in the market I would have. It does its work splendidly, and runs as light as a wagon, with no side draft. The Mower is worthy to accompany so good a Reaper, as it cannot be excelled. They are very durable, and have cost me comparatively nothing for repairs.

Truly yours,

ALBERT LIST.

400 Acres One Season.

CHICAGO, ILL., Dec. 5, 1863.

CHAS. E. WHITMAN ESQ., DEAR SIR: The Wood's two-wheel Mower purchased of you, has given me the most perfect satisfaction. I have cut over 400 acres of prairie and tame grass. I have never seen a machine before that would cut all kinds of grass in all kinds of weather. This one will do it without clogging, and with less power than any other machine ever in these parts. I think Wood's Mower can't be beat. All who have seen my machine operate will indorse the above.

ROBERT J. ALLISON.

INDIANAPOLIS, Nov. 15, 1865.

C. DICKSON, ESQ., DEAR SIR: I have now used my Wood's Self-Raker and Mower two seasons, and have cut from 17 to 20 acres of grain per day with the Self-Rake, without changing or overworking my horses in the least, and confess that the longer I use the machine the more convinced I am that it is the best Reaper in the world, and just what every farmer ought to have. I can also say the same of the Mower, which cannot be surpassed. You may use this in any way you wish, and if I had time, could get all my neighbors to sign it with me.

Yours very truly,

D. S. VANBLARICUM.

Boy 8 Years old Cut and Raked 60 Acres of Grain.

LAPOET, IND., Dec. 11, 1865.

JOHN SUTHERLAND, ESQ., DEAR SIR: The Walter A. Wood Combined Self-Raking Reaper and Mower I purchased of you, I have used for three harvests. I have had some experience with reapers of different kinds, and I unhesitatingly say that this is the Reaper to cut your wheat with. Of all the different kinds of machinery that I have had on my farm to do the different kinds of work for which intended, none have given me more satisfaction. The amount of grain that I have cut does not seem to have made any impression on the wear of the machine. Last year, being short of help, *my son, eight years old*, drove and took care of the Reaper, cutting some sixty-acres, and did it as well as I could do it myself. We hitch up and go to work with one or two binders, if not able to get any more. Our cutting is not delayed; as you cut, the grain is not in the way of the team, if not taken up as fast as cut; nor do you need any cradling on the field. We even cut our own lands with Reaper, and do it cleaner than any man can with a cradle.

Yours respectfully,

JACOB S. ROBBINS.

LAPOET, Dec. 11, 1865.

We have seen the workings of the above machine, being neighbors of Mr. Robbins, and fully indorse the above. We could say much in its favor, but it is useless.

A. LEARN,

J. G. McCASKEY.

HICKORY POINT, LAKE CO., IND., Dec. 6, 1865.

MESSRS. CAIN & LEBARROW, GENTS: The Walter A. Wood machine I bought of you is a perfect success, and is decidedly the best machine in this part of the country.

Yours truly,

JOHN SMITH.

Cuts 500 Tons per Annum.

CHICAGO, ILL., JAN. 1st.

WALTER A. WOOD, ESQ., DEAR SIR: The best testimonial I can give of my opinion of your Mower is the fact, that after trying it one or two seasons, I bought another. I cut not less than 500 tons of hay per annum. I have tried your machine upon all sorts of land, rough and smooth, upon prairie grass and upon cultivated grass, and I give yours the preference over all others. None but yours are used in the neighborhood of my farm.

Your obedient servant,

HON. JOHN WENTWORTH.

SCHUYLER, August 22, 1865.

REMINGTON AGRICULTURAL WORKS: The Improved Wood's Mower I purchased of you this season has given me entire satisfaction. In the year 1863, I purchased of the firm of Childs & Woodford a Buckeye Mower, which was warranted a perfect working machine, and found it equal to the representation. The Wood Mower I have found equal to the Buckeye Mower, as warranted, in durability, in doing nice work, is more easily managed, and I consider it to be a much lighter draft machine.

Respectfully yours,

MERRITT W. TANNER.

KIRKLAND, August 18, 1865.

REMINGTON AGRICULTURAL WORKS: It affords us pleasure to recommend the Improved Wood Mower we purchased of you this season. It works well in all kinds of grass, wet or dry, lodged or standing, cuts a clean, even swath. It is easily managed, durable, and we believe it to be the lightest draft machine in use.

Respectfully,

J. & A. BEACH.

PARIS, August 22, 1865.

REMINGTON AGRICULTURAL WORKS: I have cut with the Wood's Improved Mower, bought of you this season, some 28 acres of Grass, mostly heavy, on land both level and hilly, smooth and stony, and with a team unaccustomed to working a machine, and it has performed to my satisfaction in every place.

Yours,

JOHN OSBORN.

WESTMORELAND, August 21, 1865.

REMINGTON AGRICULTURAL WORKS: It gives me pleasure to be able to add my testimony to that of others in favor of your excellent Mower. After what I considered a fair trial of several of the best mowers offered the public, I selected the Improved Wood Machine, as in my judgment, superior to any other in point of durability, lightness of draft, and the uniform excellence of its work. I have used the machine on all sorts of ground, and in all kinds of grass, and have always found it easy to manage. Suffice it to say, that had I to purchase again, I should buy the Improved Wood Machine.

I remain, respectfully yours,

CLARK WILSON.

Used it Four Years.

ARGENTINE, MICH., Dec. 18, 1865.

F. C. GOFF, Esq.: We have used one of Wood's Little Mowers for the past four seasons; have mowed in heavy-lodged and in light grass of all kinds, on smooth and rough ground, with perfect success. We have cut on an average 50 acres each season, and with the exception of the knives, it shows but little wear. We would cheerfully recommend it to all desiring a perfect mower.

GEORGE GOFF,

M. H. GOFF.

INDIANAPOLIS, Dec. 14, 1865.

MR. C. DICKSON, DEAR SIR: The Combined Self-Rake Reaper and Mower (Wood's) purchased of you last spring, did all and even more than it was recommended to do. I cut some grain that was so badly lodged that at first I did not think it worth while to make the attempt, but found that it cut it clean and raked it off much better than I ever saw it done before, and better than any man could do it. Am much pleased with the Mower, and can cheerfully recommend them as the best machine in use.

Yours, &c.,

SAMUEL HARPER.

Cuts Lodged Grain better than can be done in any other way.

INDIANAPOLIS, December 11, 1865.

MR. C. DICKSON, AGENT, DEAR SIR: I have used Wood's Self-Rake Reaper two seasons, cutting all my grain, and I most willingly say that it worked to my entire satisfaction, doing its work better than I ever had it done before, and much better than any hand raker could do it.

The draft is lighter than in any machine I ever saw or used, which is a great item to the farmer. It cuts the worst lodged grain better than it can be done any other way, and I must say that I think it the best Reaper in the market.

Respectfully,

JOHN ARMSTRONG.

CULTIVATOR TEETH.

PLAIN STEEL TEETH.



No. 3.—Length below frame, 8 inches.



No. 12.—Below frame, 9 inches.

PATENT STEEL LAND SIDE TEETH.



RIGHT HAND.

No. 5.—Length below frame, 8 inches.



LEFT HAND.

No. 6.—Length below frame, 9 inches.

California Tooth.

No. 7.—Length below frame, 12 inches

One-Horse Bull Tongue Tooth.

- No. 8.—Length below frame, 8 inches,
 No. 9.—Length below frame, 9 inches.

REVERSIBLE STEEL POINTS ON CAST STANDARDS.

No. 10.—Length below frame, 8 inches.



No. 11.—Length below frame, 9 inches.

PLAIN HORSE HOE BLADES.

REVERSIBLE SIDE TOOTH.



FRONT REVERSIBLE TOOTH.

Length below frame, 10½ inches.

FOR PATENT HORSE HOE.

DOUBLE MOLD BOARD.



FRONT TOOTH.

SHOVEL PLOW BLADES.

The variety of Shovel Plow Blades is so great, that we deem it unnecessary to give cuts of them all. Let it suffice, that the following are a fair representation of their form and general appearance. The smallest ($6\frac{1}{2} \times 10$) is more called for than all the other sizes combined. These are all oval. We make a flat blade also—or it is slightly concave at the upper end, and a very little convex at the point—which form is said to clear better than any other in the very sticky soils of the Far West. Bolts in Flat Blades are ground in. In Oval Blades none will be sent unless ordered.

SINGLE SHOVEL PLOW BLADE.



The sizes we make of these are
 10×12
 12×14
 14×16

Double Shovel Plow Blade.



Of which we make following sizes:

$6\frac{1}{2} \times 10$
 8×10
 9×10

CULTIVATORS.

6 TOOTH CULTIVATOR—With Reversible Teeth.



No. 2.

5 TOOTH CULTIVATOR—With Plain Steel Teeth.

No. 1.

The Expanding Cultivator is so well known as to need no description. We give illustrations of the different sizes we are making for the different kinds of crops and soils. In these we use the several kinds of teeth here illustrated.

JOHNSTON CULTIVATOR.

With Side Mold Boards Attached.



No. 3.

This is a Valuable Implement for working ground that inclines to bake. The forward teeth being well adapted to loosen up such soil, while the side Mold Boards (which can be set at any angle) will either turn towards and hill up the crop, or if desired, by reversing Side Boards will turn from crop. The wheel at each end enables the operator to regulate it to any desired depth of work. These we build with 8 or 10 teeth, with or without Side Boards.

PLAIN HORSE HOE, or 3 TOOTH CULTIVATOR.

No. 4.

One-Horse, 3-Tooth Cultivator Horse Hoe, is a very useful implement for Hilling Crops. The back teeth are made to be used on either side of the Cultivator, to carry the soil to or from the crop under cultivation.

TWO HORSE, 10-TOOTH CULTIVATOR.

No. 5.—Two-Horse, 10-Tooth Cultivator, is coming into general use, for putting in Spring and Fall crops, as it covers the seed deeper than the Drag, and increases the crop; and for the Fall cultivation of Wheat, being covered deeper, it is less liable to Winter kill.

PATENT HORSE HOE.

This Implement, now eight years in use, finds an extensive sale For Weeding, Hoeing, and Hilling Corn, Cotton, Tobacco, Hops, Potatoes, and all other crops planted in rows or hills, it has no equal, doing the entire work without the use of plow or hand hoe.

The Point and Mold Boards being made of the best of steel, tempered and polished, makes them durable and free from the trouble of clogging in heavy soil. As it runs upon Adjustable Wheels at both ends, it draws easy, and can be set to any desirable depth; it can also be set to any width without changing the angle of the Mold Boards C D, as they are regulated by Adjustable Arms, as shown in cuts of Teeth.

This Implement has been thoroughly tested by first-class Farmers, Planters, and Nurserymen, in all parts of the country; and all who have given it a fair and impartial trial, or have seen it work, arrive at the same conclusion—that it is a great Labor Saving Machine—simple in its construction, durable, of easy adjustment, and not liable to get out of order.

Two illustrations of this Implement will be found on next page.

SAYRE'S PATENT HORSE HOE.



This shows the Implement as used for Hoeing and Hilling. For common use, set the Wheel E as low as the edges of Blades C and D; this will cause the Hoe to run level, as the Wheel E runs in the furrow made by Front Tooth B. For wet soil, the Wheel E should be dropped down two holes, allowing the Front Tooth B to run deepest.

For Weeding, or turning the soil from the crop, reverse the angle of Blades C and D by changing them to opposite sides.



By closing the Frame, using a shorter Cross-Bar, and moving the Front Tooth back, and C and D forward, you have a Double Mold or Steel Furrowing Plow, running on Wheels, (as shown in Fig. above,) and is used for Ditching, Ridging, Opening Drills, Digging Potatoes, &c., &c., making a very useful implement for various purposes.

MOHAWK VALLEY CLIPPER, No. A 1.



We are manufacturing more largely than ever a superior article of Steel Plow, so widely and favorably known as the "MOHAWK VALLEY CLIPPER," to which we would call the attention of our customers. The Steel Plow is fast superseding the cast plows in all localities, for *Ease of Draft, Durability* and quality of work, and in the end is much cheaper.

For general purposes this size heads the list at all *trials*. We have Cast Points for this size when ordered.

MOHAWK VALLEY CLIPPER,—No. A 2.

Steel Plow—with Steel Mold Board & Land Side, and Cast Point.



This size is smaller than No. A 1; has a shorter and more abrupt Mold Board, and will be found a good size for stiff soil.

Our No. 6 Plow, for which we have no room for cut, is used entirely as a One-Horse Plow—has Steel Mold Board and Land Side, Cast Point.

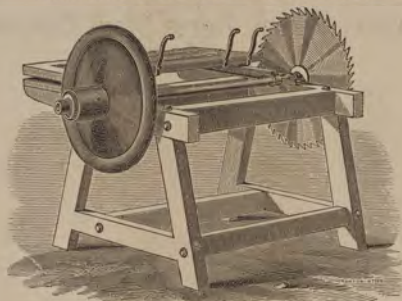
No. A 1 and No. A 2 are put up Plain or with Coulter and Wheel, as in the cuts.

WE HAVE SELECTED

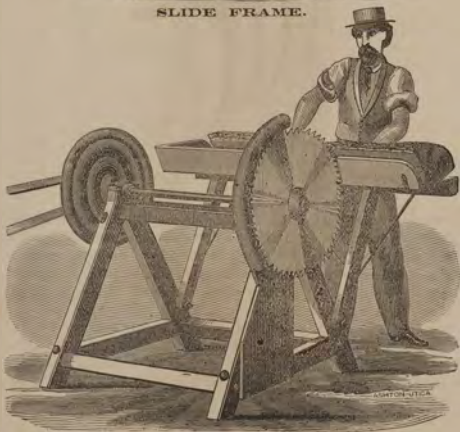
Myers' Patent Horse Hay Elevator,

From the many styles now before the public, as combining in a greater degree the requisite qualities for a first class implement than any we have ever seen. It is very simple in its construction and operation. The apparatus for unlocking and dropping the hay, in particular is the most simple and complete that can be imagined. It is perfectly protected from injury, and so easily managed that a child can use it. The tines being made of the best spring steel, and the stem and head of wood banded with iron, it cannot fail to be strong and durable, and will relieve the farmer of one of his most tedious labors. With the Fork we furnish cord of sufficient length to unlock, three Pulleys, and three Wrought Hooks.—Price, \$8.50.

CIRCULAR SAW TABLES.



SLIDE FRAME.



SWING TABLE.

Circular Saw Tables, of the most approved pattern, will be kept constantly on hand. Both Sliding and Swinging Tables, on both of which Ratchet Pulleys are used.

THE AMERICAN HORSE POWER.

With Drag Saw Attachment.



The cut above represents the American Horse Power with Drag Saw attachment at work. The test to which both Power and Sawing Attachment have been subjected, have been such as to make for them an excellent reputation. The Sawing Attachment can be attached readily to any Tread Power as well as this. Its rapid working qualities combined with great simplicity make it eminently useful. Those wishing further particulars of Horse Power, can be furnished with a pamphlet descriptive of same by addressing us.

Westinghouse Patent Thresher and Cleaner, and Endless Chain Horse Power.



We are prepared to furnish our customers with the above Threshers and Horse Powers. We can furnish different sizes and kinds, from Thresher and Separator without cleaner, to the Ten-Horse Thresher, Separator and cleaner complete. Also, Westinghouse & Co.'s Improved Clover Machines. To their new Combined Thresher, Huller and Cleaner we invite your particular attention. The Horse Powers we can furnish for one, two or three horses. All of the above are finished in the best manner and *Warranted* in every respect. We are prepared to supply with these Powers, PUSEY'S PATENT HORSE POWER GOVERNOR, the most complete, simple and efficient in use. It regulates the motion, and is a safe guard against running the team out of the Power by the breaking or running off of the belt. It is furnished only to special order, its price to be added to regular list prices of machines.

DOG OR SHEEP POWER.



Is a simple endless Platform, with two Rubber Straps, with strips of light wood firmly riveted to them. It can be elevated to any angle required by the weight of the dog or work to be done. It is very convenient for Churning, Turning Grind Stone, &c.

Hutchinson's Family Wine and Cider Mill.



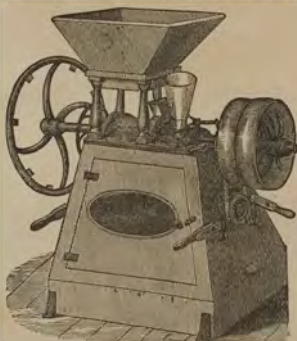
This Mill grinds from six to eight bushels of apples, or ten to twelve bushels of grapes or currants per hour. Two to three barrels of cider or 100 to 150 gallons of wine can be made in one day by one man. For *Simplicity, Compactness, Strength, Economy of Power* and quality of work it *Challenges Comparison*. It should be in the hands of every *Farmer* and *Fruit Grocer*. We also have a *Large Double Mill*, with two Screws, as well as *Curbs*. This has greater *Grinding* and *Pressing* capacity than any other hand mill in use.

OVIATT'S PATENT BOB SLED.



Combines valuable improvements which place it at the head of this class of conveyances. The Runners are attached to the beam by inserting the ends of the beams in *Pipe Sockets, in the upper ends of the Posts, which are of Iron*, in such a manner as to allow each Runner to raise and fall, in passing over uneven ground, without affecting the motion of any other. It is so flexible as not to suffer strain; avoids all shucking upon the bolster; is easier to ride upon over uneven surface than any other conveyance.

Orvis's American Farm or Plantation Mill.

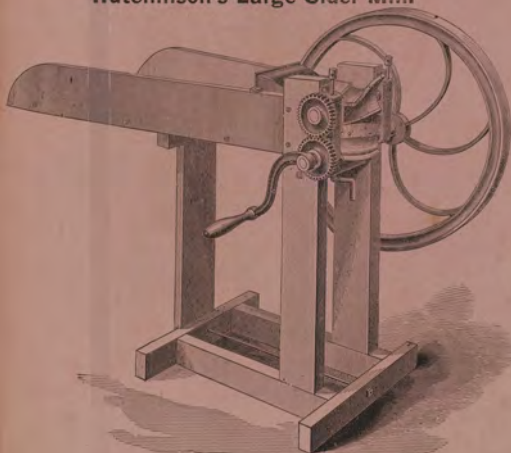


Is the most efficient, simple and durable Metallic Farm Mill in use. It grinds *all* kinds of grain to any degree of fineness, cracking corn for samp, or grinding wheat into fine flour; crushes and grinds corn in the ear; is adapted to any kind of power, either Wind, Horse, Water or Steam.

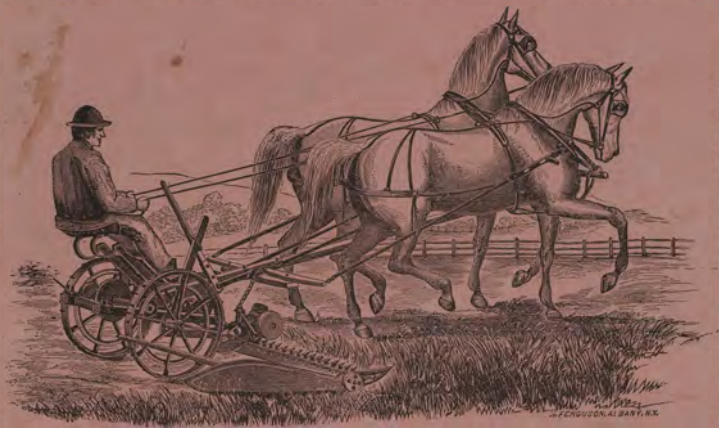
We have many different kinds of Implements not here illustrated. Among them, the EMPIRE WIND MILL, HAND AND POWER CORN SHELLERS, HAY, STRAW AND STALK CUTTERS of most approved patterns, in fact a *full* assortment of Farm Implements and Machinery.



Hutchinson's Large Cider Mill.



Gale's Self-Feeding Hay Cutter.



PRIZE MOWER AT WORK.