

34-87
40.00
FALL PAMPHLET, 1885.

AMES PLOW COMPANY,

Manufacturers,

Farming Implements.
and Machines,



QUINCY HALL, BOSTON,
AND
53 BEEKMAN STREET, NEW YORK.

FACTORIES AT WORCESTER AND AYER, MASS.

AMES PATENT CHILLED CENTENNIAL SWIVEL PLOW. FULLY TESTED.

LIGHTEST DRAFT.

BEST QUALITY WORK.



SUPERIOR TO ANY FOR LEVEL LAND AND HILLSIDE.

Awarded all the first and second premiums at the Great Field Trial of the New England Agricultural Society held at Manchester, N.H., Sept. 4, 1884. Also first and second premiums in 1883. This Plow has been awarded more premiums at the New England Society's Field Trials the past six years than all the other kinds together.

The objects which we had in view in producing this plow, and which are conspicuous in its construction, have been accomplished beyond a doubt, as proved by the many thousands that have been sold.

Formerly the Swivel Plow had been chiefly used on hillside land, not being adapted to a level surface, but this plow effects the *complete inversion and pulverization of the soil on level as well as inclined surfaces*. It possesses *symmetry, durability and simplicity*, giving a *full width furrow completely inverted and pulverized* and porous as any implement can leave the soil. It *works equally well* in rocky and smooth as well as in wet clay land, the *peculiar form* and the *chilled material* of the mouldboard preventing it from clogging or holding on to the soil.

Six sizes are now manufactured as noted below : —

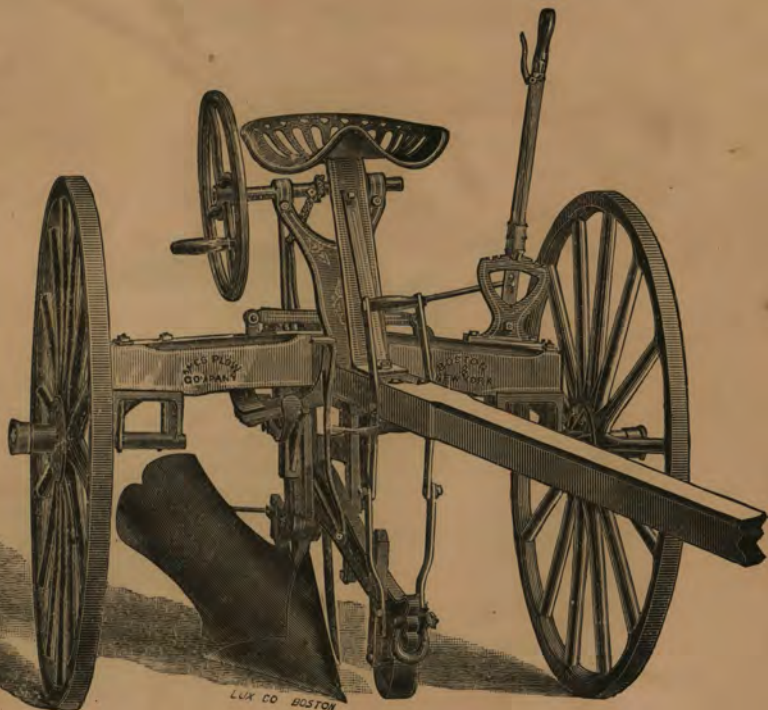
SIZES.	DESCRIPTION.	LIST PRICES.		
		Plain.	Wheel.	Wheel and Movable Cutter.
No. 12	Stubble Furrows—3 to 4 inches deep, 8 to 9 inches wide, One Horse—for garden and field.....	\$7.50		
" 13	Stubble Furrows—4 to 5 inches deep, 9 to 10 inches wide, Heavy One Horse.....	9.50	\$10.50	\$12.00
" 14	Sod or Stubble Furrows—4 to 6 inches deep, 10 to 12 inches wide—Light Two Horse.....	11.00	12.00	\$14.00
" 2	Sod or Stubble Furrows—5 to 7 inches deep, 11 to 14 inches wide—Medium Two Horse—for general use.....			15.00
" 3	Sod Furrows—6 to 8 inches deep, 12 to 15 inches wide, Two to Four Horse.....			17.00
" 4	Sod Furrows—7 to 9 inches deep, 13 to 16 inches wide, Four Horse.....			20.00

We also manufacture a One Horse Plow which will do full width work when the horse is walking in the previous furrow. Price, \$7.50.

AMES PATENT CHILLED CENTENNIAL SWIVEL SULKY PLOW.

For Level Land and Hillside. Avoiding all Dead Furrows. Can be managed by a boy.
The Working qualities unexcelled by any Sulky Plow ever made. The draft no more than a regular two horse walking plow.

Highest Awards. In the Sulky Class at the Great Field Trial of the New England Agricultural Society held at Manchester, N.H., September 4, 1884. Also at the Field Trial of the Westboro Agricultural Society, June 17, 1885.



The agriculturist everywhere will fully appreciate this new invention. It not only adapts the Sulky for Hillside Work, but also in Level Land Plowing does away with the unsightly dead furrows which are unavoidable when using a Landside Sulky Plow. *The draft is materially reduced*, as two horses are amply sufficient to draw the plow in operation, with no more exertion than would be required for a regular two horse walking plow.

The justly celebrated *Chilled "Centennial" Swivel Plow* is used on this Sulky, and we offer it as *the only practical Swivel Sulky Plow made*. The Plow is under the complete control of the driver in his seat, and can be reversed for the return furrow while the horses are turning. The Seat is adjustable so that it is always level, whether the Plow is in or out of the Furrow, both on Level Land and Hillside.

LIST PRICE.

Complete with Neck Yoke, Evener, and Whiffletrees..... \$60.00

IMPROVED EAGLE PLOWS.



We illustrate the Eagle A, One Horse, and the Eagle 2, Medium Two Horse, Plows of this popular and well-known brand of which we are the originators. These plows are designed for various conditions of soil and cultivation, doing the work in an accurate and highly finished manner, are unexcelled for general plowing and, being strongly made, are admirably suited to rough and uneven surfaces.



The most popular sizes are as follows:—

SIZES.	DESCRIPTION.	LIST PRICES.		
		Plain.	Wheel.	Wheel and Cutter.
No. A.....	Stubble Furrows—3 to 4 inches deep, 8 to 9 inches wide, One Horse.....			
		\$5.25		
" O.....	Stubble Furrows—3 to 5 inches deep, 8 to 10 inches wide, Heavy Horse.....	6.25	\$7.25	\$8.50
" 1.....	{ Stubble Furrows—4 to 6 inches deep, 10 } ..	8.50	9.75	11.25
" 1 Coulter {	to 12 inches wide—Light Two Horse } ..	12.00	13.25	14.75
" 2.....	{ Sod and Stubble Furrows—4 to 7 inches deep, 12 to 14 } ..	9.50	10.75	12.25
" 2 Coulter {	inches wide—Medium Two Horse—for general use } ..	13.00	14.25	15.75
" 20.....	{ Sod Furrows—6 to 9 inches deep, 13 to } ..	11.00	12.25	14.00
" 20 Coulter {	17 inches wide—Three to Four Horse } ..	14.50	15.75	17.50
" 1 Lap.....	Lap Sod Furrows—6 to 7 inches deep, 11 to 12 inches wide, Two Horse.....	10.00	11.25	12.75
" 2 "	Lap Sod Furrows—6 to 8 inches deep, 11 to 13 inches wide, Two Horse.....	11.00	12.25	13.75

IMPROVED DEEP TILLING EAGLE PLOWS.



Constructed by a scale of proportions invented by our Mr. SAMUEL A. KNOX, we are enabled to offer a large assortment, adapted to all kinds of soil, and embracing sizes and forms suited to the requirements of a widely varied agriculture. The Eagle 73 1/2 Sod Plow is shown in the above illustration.

The following are a few of the most popular sizes:—

SIZES.	DESCRIPTION.	LIST PRICES.		
		Plain.	Wheel.	Wheel and Cutter.
No. 30	Stubble Furrows—4 to 6 inches deep, 8 to 10 inches wide—One Horse.....	\$7.00	\$8.00	\$9.25
" 31	Stubble Furrows—6 to 8 inches deep, 9 to 11 inches wide—Light Two Horse.....	8.25	9.25	10.75
" 32	Stubble Furrows—6 to 9 inches deep, 9 to 12 inches wide—Medium Two Horse.....	9.00	10.25	11.75
" 34	Sod or Stubble Furrows—9 to 11 inches deep, 12 to 14 inches wide, Two to Three Horse.....	10.50	11.75	13.50
" 72 1/2	Lap Sod Furrows—7 inches deep, 12 inches wide—Two to Three Horse.....	9.50	10.75	12.25
" 73 1/2	Sod Furrows—6 to 7 inches deep, 12 to 13 inches wide—Two to Three Horse.....	10.50	11.75	13.25

EAGLE DEEP TILLING SOD AND SUB-SOIL PLOW.

The accompanying cut shows our No. 34 Double Plow; it is very well liked by those who have used it.

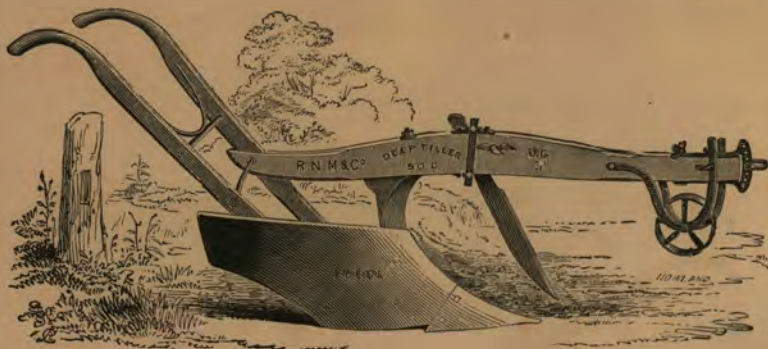


DESCRIPTION.	LIST PRICE.		
	Plain.	Wheel.	Wheel and Cutter.
Sod and Sub-Soil, Double Furrows, 7 to 9 inches deep, 10 to 12 inches wide—Three to Four Cattle.....	\$14.25	\$15.50	\$16.75

BOSTON STEEL CLIPPER PLOWS.



Our Steel Plows, of which we illustrate the X 1, One Horse, and UG 3½, Two Horse, Plows, are to a great extent duplicates of our Improved Eagle Cast Iron Plows which have been so successful and obtained so high a reputation.



We enumerate below an assortment of sizes best adapted to farm work in the New England States.

SIZES.	DESCRIPTION.	LIST PRICES.		
		Plain.	Wheel.	Wheel and Cutter.
X 00	Stubble Furrows—4 to 6 inches deep, 7 to 9 inches wide—Light One Horse.....	\$8.00		
X 0	Stubble Furrows—4 to 6 inches deep, 8 to 10 inches wide—Light One Horse.....	8.50		
X 1	Stubble Furrows—4 to 6 inches deep, 9 to 10 inches wide—One Horse..	10.00	\$11.00	
X 1½	Stubble Furrows—4 to 8 inches deep, 10 to 12 inches wide—Light Two Horse.....	11.75	12.75	\$14.00
X 8½	Stubble Furrows—5 to 10 inches deep, 12 to 14 inches wide—Two Horse.....	16.00	17.25	18.75
X 3	Sod or Stubble Furrows—5 to 8 inches deep, 10 to 12 inches wide, Two Horse.....	15.75	17.00	18.50
X 4½	Sod or Stubble Furrows—6 to 8 inches deep, 12 to 14 inches wide, Two to Three Horse.....	17.75	19.00	20.50
UG 3½	Sod Furrows—4 to 7 inches deep, 12 to 14 inches wide—Two to Three Horse.....	20.25	21.50	23.00
WB 2	Lap Sod Furrows—7 inches deep, 10 inches wide—Two to Three Horse.....	19.75	21.00	22.50

EAGLE TELEGRAPH GREENSWARD PLOW.

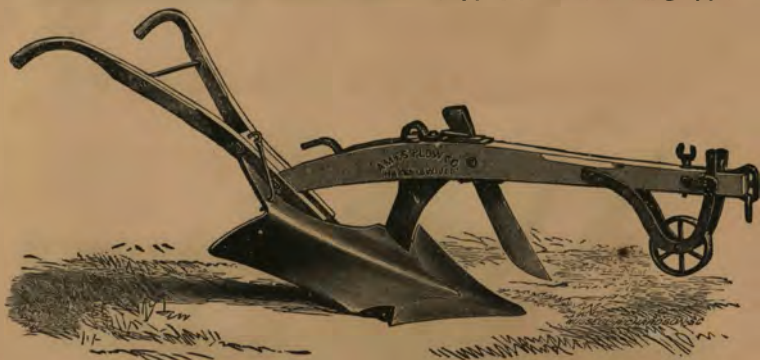
KNOX IMPROVED.



We manufacture three sizes as noted below, and they always prove satisfactory in operation, not only in Greensward but for general plowing.

SIZES.	DESCRIPTION.	LIST PRICES.		
		Plain.	Wheel.	Wheel and Cutter.
No. 1	Sod Furrows—6 inches deep, 12 inches wide—Light Two Horse..	\$9.50	\$10.50	\$12.00
" 2	Sod Furrows—5 to 7 inches deep, 10 to 12 inches wide—Medium Two Horse.....	10.50	11.75	13.25
" 3	Sod Furrows—6 to 8 inches deep, 12 to 14 inches wide—Three to Four Horse.	11.50	12.75	14.50

HAKES IMPROVED SWIVEL PLOW.

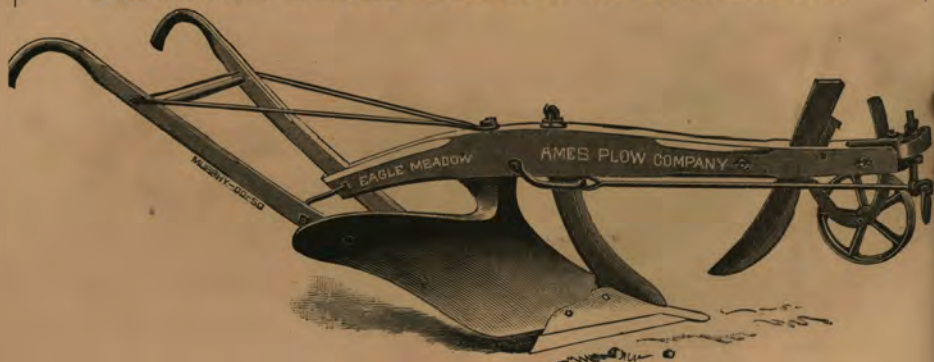


For Level Land, avoiding dead furrows, and for Hillside.

Considered by many the best in use, and in sections where it has become known is quite popular. Its turning and pulverizing qualities are unexcelled, and the importance of thorough pulverization cannot fail to be understood. We manufacture four sizes as follows:—

SIZES.	DESCRIPTION.	LIST PRICES.		
		Plain.	Wheel.	Wheel and Mov. Cutter.
No. 20	Stubble Furrows—3 to 5 inches deep, 6 to 10 inches wide—One Horse.....	\$7.75		
" 21	Sod or Stubble Furrows—5 to 6 inches deep, 9 to 12 inches wide, Light Two Horse.....	11.00	\$12.00	\$14.00
" 23	Sod or Stubble Furrows—5 to 7 inches deep, 10 to 15 inches wide, Heavy Two Horse.....	12.00	13.25	16.00
" 27	Sod or Stubble Furrows—6 to 10 inches deep, 12 to 18 inches wide, Two to Four Horse.....	13.50	15.00	18.00

IMPROVED EAGLE MEADOW OR BOG PLOWS.



For breaking up and reclaiming peat meadows and bogs, we have specially arranged the following plows which are fully capable of performing the work. They are represented above fully rigged with Lock Coulter, Reversed or Drag Cutter, Side Wheel, Draft Rod, Handle Braces, and Wide Steel or Steel Edge Point. By detaching the Meadow Fixtures and using the regular Cast Iron Point, the smaller sizes are adapted to general plowing.

SIZES.

DESCRIPTION.

LIST PRICES.

		Complete.
No. 2	Coulter. Sod Furrows—4 to 7 inches deep, 12 to 14 inches wide—Two Horse.....	\$20.00
" 20	Coulter. Sod Furrows—6 to 9 inches deep, 13 to 17 inches wide—Three to Four Horse..	22.50
" 76	Coulter. Sod Furrows—7 to 10 inches deep, 14 to 18 inches wide—Four to Six Horse...	37.50
" 78	Coulter. Sod Furrows—9 to 14 inches deep, 16 to 20 inches wide—Six to Eight Horse...	45.00

CONTRACTORS' OR ROAD PLOWS.



We represent herewith our No. 8 Road Plow, which is made very strong in all its parts and additionally braced. It is extensively used, being amply capable of standing the tremendous strain of the roughest work of this class. Our A 4 Hillside Plow, already mentioned, is equally well adapted for this purpose.

SIZES.

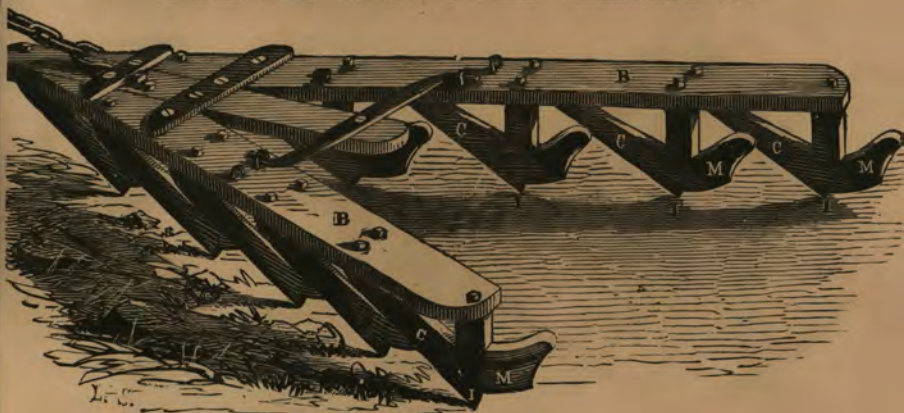
DESCRIPTION.

LIST PRICES.

		Plain.	Wheel.
No. 8	Coulter. Heavy Road.....	\$17.50	\$19.00
A 4	Hillside. Heavy Road	16.00	18.00

Extra for Draft Rod, \$2.00.

SHARES IMPROVED HARROW.



This Harrow is the most perfect of all implements for pulverizing the freshly inverted surface of sward land to a depth two or three times as great as the common harrow can effect. The shape of the Teeth, which are sharp and sloped like a sled runner, contribute greatly to the ease of draft.

We manufacture four sizes, as follows:—

SIZES.	DESCRIPTION.	LIST PRICES.	
		IRON TEETH.	STEEL TEETH.
7 Teeth.....	One Horse.....	\$9.50	\$13.50
9 ".....	Two ".....	11.50	16.50
11 ".....	Two ".....	13.50	20.00
13 ".....	Two to Three Horse.....	16.00	24.00

A HARROW.



Of this simple, durable, and well-known Harrow we manufacture five sizes, as noted below, adapted to light or heavy work; it is in very general use.

SIZES.	DESCRIPTION.	LIST PRICES.	SIZES.	DESCRIPTION.	LIST PRICES.
11 3/4 inch teeth—	Light One Horse.....	\$5.00	13 3/4 inch teeth—	Medium One Horse. ...	\$6.00
15 1/2 inch teeth—	One or Two Horse....	7.50	17 1 inch teeth—	Two Horse.....	10.00
15 1 1/2 inch teeth—	Heavy—Two to Four Horse.....	13.50			
SQUARE HARROW,		25	3/4 inch teeth—	One Horse.....	8.00

GEDDES HARROW.

This Harrow, of which we have seven sizes as noted below, is in very general use. The two pieces of frame work act entirely independent of each other, thus adapting itself to an uneven surface. The arrangement of the teeth in the frame work is such that the number of impressions made on the soil will be equal to the number of teeth and at equal distances apart.

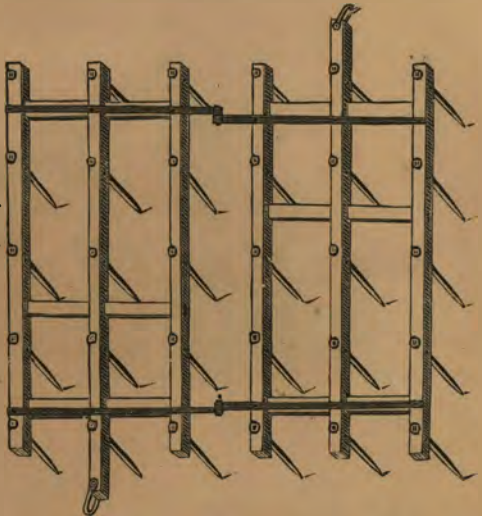
SIZES.	DESCRIPTION.	LIST PRICES.
14— $\frac{3}{4}$ inch Teeth	—One Horse.....	\$8.00
18— $\frac{3}{4}$ " "	One or Two Horse.....	9.50
22— $\frac{3}{4}$ " "	Medium Two Horse.....	13.50
22—1 " "	" " " ".....	15.00
26— $\frac{3}{4}$ " "	Two Horse.....	15.50
30— $\frac{3}{4}$ " "	" " " ".....	17.50
30—1 " "	Two to Three Horse.....	19.50



IMPROVED HINGE HARROW.

This Harrow may be separated into two parts or folded one part upon the other. The independent play of the Parts on the Hinges adapts it to the surface of the ground. As the team may be attached at either end of the Harrow, the teeth may always be kept sharp.

SIZES.	DESCRIPTION.	LIST PRICES.
24— $\frac{3}{4}$ inch Teeth	—Light Two Horse....	\$12.50
30— $\frac{3}{4}$ " "	Two Horse.....	15.00



FIELD ROLLERS.



These are made with heavy Oak Trough on top for weighting to any desired amount. They are thoroughly made and bolted. The 3 and 4 section Rollers are suitable for One Horse.

DESCRIPTION.

LIST PRICES.

3 Sections, each 12 inches long by 20 inches diameter.....	\$32.50
4 " " 12 " " 20 " "	40.00
5 " " 12 " " 20 " "	47.50
4 " " 12 " " 24 " "	47.50
5 " " 12 " " 24 " "	57.50
6 " " 12 " " 24 " "	67.50
4 " " 12 " " 30 " "	60.00
5 " " 12 " " 30 " "	72.50
6 " " 12 " " 30 " "	85.00

ROAD SCRAPERS.

The Nos. 1 and 2 sizes are suitable for One Horse.

SIZES.

LIST PRICES.

No. 1.....	\$5.50
" 2.....	6.50
" 2½.....	7.75
" 3.....	9.00
" 4.....	10.50
" 5.....	14.00
" 6.....	17.00



IMPROVED BILLINGS PLANTER AND FERTILIZER.

TIME SAVED, BETTER WORK, QUICKER RESULTS,
PERFECT WORK, WHETHER STONY,
SWARD, OR MELLOW LAND.

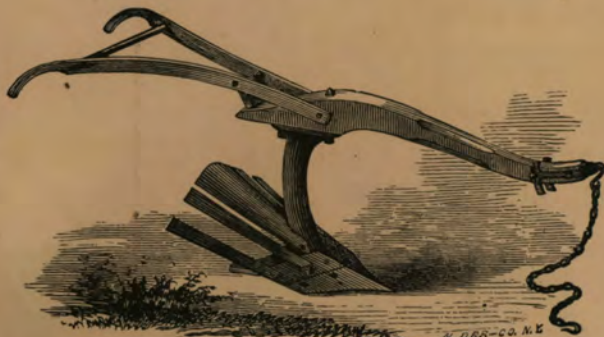


Superior to all for planting Field, Ensilage, and Fodder Corn, Broom Corn, Beans, and other seeds of like size. Can also be arranged for dropping Beet seed.

This planter is made in four sizes, and each size may be regulated to drop four different distances apart, as noted below:—

SIZES.		DESCRIPTION.	LIST PRICES.
14-inch Wheel,	Plants $5\frac{1}{2}$, 11, 22, or 44 inches apart.....		\$17.00
16 " "	6, 12, 25, or 50 " 		18.00
18 " "	7, 14, 28, or 56 " 		19.00
20 " "	$7\frac{1}{2}$, 15, 31, or 62 " 		20.00

HORSE POTATO DIGGER.



The Horse Potato Digger, adapted for working among weeds and potato vines without clogging, is, in addition to its value as a potato digger, excellent for cultivating between the rows. We make them both with flat rear fingers or prongs, as illustrated, or with round rear prongs; the latter kind we recommend as best for digging.

List Price.....\$12.00

RICH'S IMPROVED LEVER FEED CUTTERS.



The *Latest and most successful* Lever Feed Cutter in the market is the *Rich's Improved*. By an ingenious contrivance the Lever of this Cutter is held in bearing at both ends of the knife, keeping the cutting edge against the bed, thus insuring a perfect shear cut, and is *the only machine* of its class *wherein the knife is not liable to be forced away from the cutting bed* by the forage.

We make this cutter with either Straight or Curved Knives, and there are four sizes of each kind, as follows:—

STRAIGHT KNIFE.		LIST PRICE.
SIZE.		
No. 1.....	6 in.	\$4.50
" 2.....	8 in.	5.00
" 3.....	10 in.	6.00
" 4.....	12 in.	7.50
Extra for Gauge Plate.....		

CURVED KNIFE.		LIST PRICE.
SIZE.		
No. 1.....	6 in.	\$4.75
" 2.....	8 in.	5.50
" 3.....	10 in.	6.50
" 4.....	12 in.	8.50
.....75 cents.		

HIDE ROLLER HAY CUTTERS.

The following are the leading sizes only:—

SPIRAL KNIVES.				
Nos.	No. of Knives.	Length of Knives.	Length of Cut.	List Price.
00	4	6 in.	2 in.	\$7.00
0	5	6 in.	1 1/2 in.	8.00
1	6	6 in.	1 1/4 in.	9.00
2	7	6 in.	1 1/2 in.	10.00
3	8	6 in.	1 1/4 in.	11.00
4	9	6 in.	1 1/2 in.	11.50
5	6	7 in.	1 1/2 in.	13.00
6	8	7 in.	1 1/4 in.	13.50
8	6	8 in.	1 1/2 in.	17.00
9	8	8 in.	1 1/4 in.	18.00
10	10	8 in.	1 1/2 in.	19.00
11	6	9 in.	1 1/2 in.	22.00
12	8	9 in.	1 1/4 in.	23.00

STRAIGHT KNIVES.				
Nos.	No. of Knives.	Length of Knives.	Length of Cut.	List Price.
00	5	5 1/2 in.	1 1/4 in.	\$8.00
0	6	5 1/2 in.	1 1/2 in.	9.00
1	7	5 1/2 in.	1 1/4 in.	10.50
2	8	5 1/2 in.	1 1/2 in.	11.50
3	6	6 1/2 in.	1 1/4 in.	13.50
4	8	6 1/2 in.	1 1/2 in.	14.50
6	6	7 1/2 in.	1 1/2 in.	18.00
7	8	7 1/2 in.	1 1/4 in.	19.00
9	6	8 1/2 in.	1 1/2 in.	22.00
10	8	8 1/2 in.	1 1/4 in.	23.00
12	6	9 1/2 in.	1 1/2 in.	28.50
13	8	9 1/2 in.	1 1/4 in.	30.50

Nos. 12 and 13 are fitted for horse power.

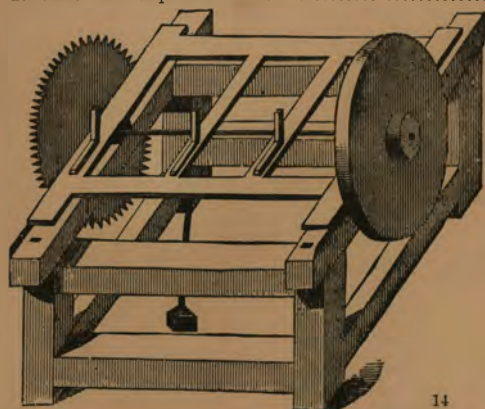
UNION RAILWAY HORSE POWER.



Wood frame work constructed similar to most of the tread or endless chain powers, but much heavier and more durable in all its parts. The following are a few of the advantages over other Horse Powers. It requires the least elevation to obtain a given amount of speed; it is wider and longer; the wheels are larger in diameter and less in number; the horse acts directly to propel the machine with great force; there is no strain on the chain in passing the end tracks. These features should not be overlooked by parties desiring a first-class power.

KINDS.

	LIST PRICES.
One Horse Power.....	\$125.00
Two Horse Power.....	160.00
Thresher with Separator.....	50.00



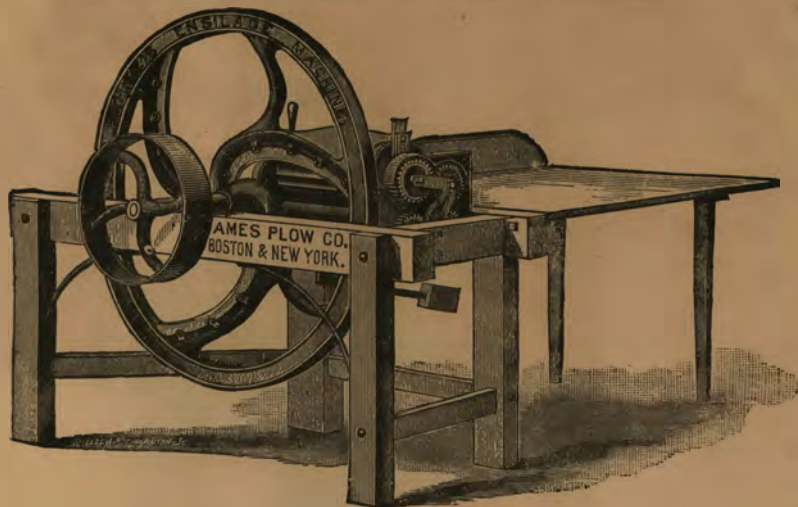
PORTABLE CIRCULAR SAW MACHINE.

Strongly made with joint bolts, metallic boxes and large, long shaft, and with a heavy fly wheel. Cuts ten to fifteen cords of hard wood per day with a One Horse Power, and as much soft wood as can be handled by two men.

LIST PRICE..... \$50.00

Complete with 24 inch Circular Saw.

DOCTOR BAILEY ENSILAGE CUTTER, FOR ENSILAGE AND DRY FORAGE.



Greater Capacity, but requiring less Power.

Superior to any cutter in the market, not only for cutting Ensilage Crops, but also for Hay and other Dry Forage.

The Doctor Bailey Ensilage Cutter has many advantages possessed by no other Ensilage Machine or Cutter. Greater Capacity than any other using the same power, strength, simplicity, durability, and rapidity of work are among its qualifications. It is giving entire satisfaction, and the ever-increasing demand shows its great popularity.

We manufacture five sizes. The smallest size, with **10 inch** knives, is for hand use; the **12 inch** machine is for use by hand or horse power; the **14 inch** machine is for one horse power; while with a one horse power the **16 inch** machine will cut twice as much as any cylinder machine, and much more than any cutter having convex knives. Machine with **20 inch** knives will cut more, driven by a two horse power or by steam, than any 24 inch Cylinder Machine in the world.

Upon a careful test, the Doctor Bailey 20 inch machine cut green corn fodder at the rate of **seven tons per hour, 3-8 of an inch long**, and at the rate of **fifteen tons per hour, 3-4 of an inch long**. The 12, 14, 16, and 20 inch sizes will **cut ten different lengths**. The 10 inch machine will cut **four different lengths**.

The power cranks are all furnished with two cranks, for use by hand. The **largest machine** can be **readily operated by one or two men**, and this fact alone shows how little power is required, in comparison with their great capacity.

LENGTH OF KNIVES.	POWER REQUIRED.	DIAMETER OF WHEEL.	DIAMETER OF PULLEY.	LIST PRICES.
10 inch.....	For hand use.....	27 inches.....		\$30.00
12 ".....	For hand or Horse Power.....	34 ".....	12 inches.....	50.00
14 ".....	One Horse Power.....	39 ".....	14 ".....	70.00
16 ".....	One Horse Power.....	42 ".....	16 ".....	85.00
20 ".....	Two Horse Power.....	48 ".....	18 ".....	100.00
Chain Elevator, complete, 10 feet,		\$30.00	Each additional foot, extra,	\$2.25

NATIONAL CIDER AND WINE MILLS.



FARMERS' MILLS.

LIST PRICES.

With Plain Screw, \$35.00

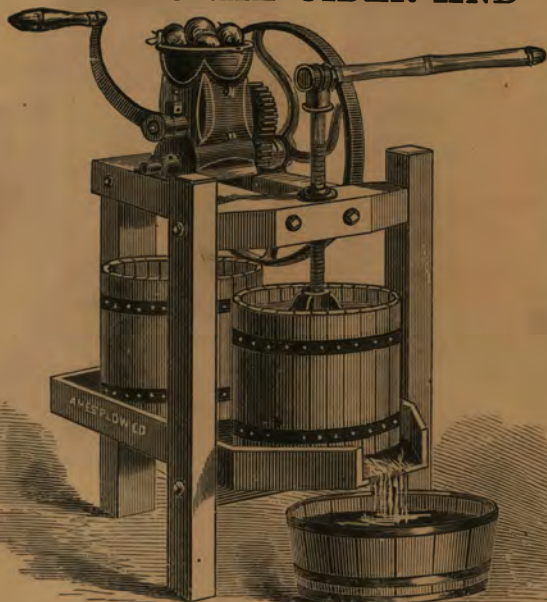
With Geared Screw, 37.50

The best qualities
of both Crushing
and Grating Mills
combined.

Constructed upon new principles out from the beaten track of previous inventions, avoiding the defects in all other mills for the purpose. The grinding arrangement works in such a manner that the *cells of the fruit are broken, a fine pomace produced*, and from this pomace, under the pressure of the screw, *a larger percentage of juice is obtained*, making more cider from a given quantity of apples than can be made by any other mill now in use. The saving of cider by the use of this mill will soon pay the cost. It can be regulated for coarse or fine work, and is *the best mill* in use adapted *for crushing Grapes, Berries, and other fruit*, before pressing.

The Capacity is from six to eight barrels per day. It is very strong and durable, and requires but little power to operate it, and is furnished *with pulley* for the convenience of those having light power. By the use of the *Geared Screw* more pressure can be brought to bear on the pomace than with the plain screw.

NATIONAL CIDER AND WINE MILLS.



FAMILY MILL.

LIST PRICE.....\$20.00

Grinding Apparatus, Mounted
on Frame,

LIST PRICE.....\$13.50

The best for crushing Grapes, Berries, and other fruit before pressing. Specially adapted for family use, is *light, strong, and convenient, and easily operated.* Exactly same in principle and operation as the Farmers' Mills, only of smaller size and sold at a *price which justifies its purchase* by any one wishing to make cider or wine. It also has the *adjustable grinding apparatus* for coarse and fine work, and the *two curbs enable both grinding and pressing to be done at the same time*, greatly facilitating the work, increasing the capacity of the Mill, and allowing more time for the juice to drain from the contents of the curb.

APPLE BARREL HEADERS.

A very useful contrivance for heading barrels, and no producer should be without one. We make them with both *Wood and Improved Wrought Iron Screws.*

LIST PRICES.

With Wood Screw,.....\$12.00 per dozen.

With Improved Wrought Iron Screw. 15.00 “

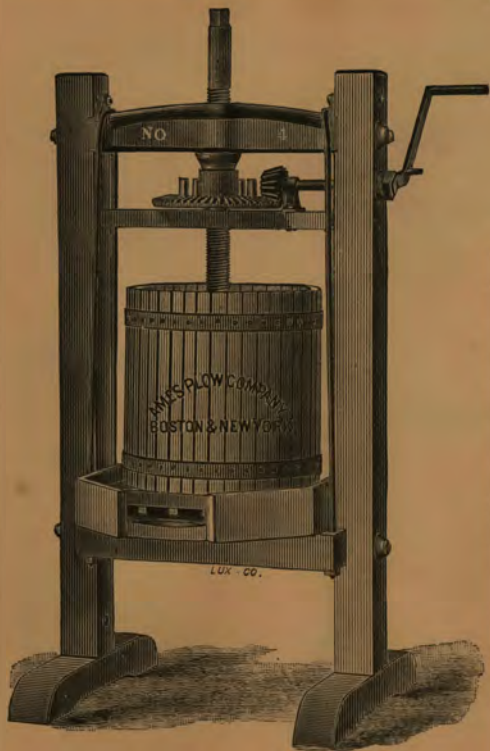
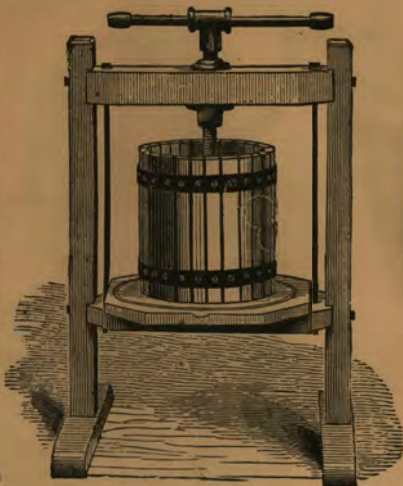


WINE AND LARD PRESSES.

LIST PRICES.

No. 1	\$5.75
" 2.....	7.50
" 3.....	11.00
" 4.....	25.00
" 4 Geared.....	30.00
" 5 "	40.00

Extra for Hinged Hoop Curbs { \$1.00 on Nos. 1, 2, & 3.
 { \$1.25 " 3 & 4.



We manufacture five sizes of these Presses as noted above. The Nos. 1, 2, and 3 are light and portable, yet strong and well adapted for general use. The Nos. 4 and 5 are much heavier and stronger and are suited to the wants of large producers. The No. 5 Press is always furnished with Geared Screw, by means of which more pressure is obtainable. The No. 4 Press is furnished either with or without the Geared Screw. The Curbs for these Presses are made both with Welded and Hinged Hoops. We illustrate the No. 2 Press and the No. 4 Geared Press.

CORN SHELLERS

WITH WROUGHT IRON SHAFTS.

LIST PRICES.

YANKEE.....	\$7.75
“ with separator.....	8.50
“ extra wheel.....	8.75
BOSTON.....	9.00
“ extra wheel.....	10.00
“ double.....	12.00
“ “ extra wheel.....	13.00
SOUTHERN.....	11.00
“ extra wheel.....	12.50
“ double.....	15.00
“ “ extra wheel.....	16.50
Fitted with pulley, \$1.00 extra.	
*WESTERN, single.....	16.00
* “ double.....	20.00
*With pulleys, outside and inside balance wheels, and outside gearing.	
CLINTON, one wheel.....	8.00
“ two wheels.....	9.00
“ double, two wheels.....	12.00
VIRGINIA, for hand or power.....	22.50
PRAIRIE.....	6.50



FAN MILLS,

For Wheat, Rye, Buckwheat, Barley, Oats, Rice, Unhulled Rice, Corn, Peas, Beans, and Flax, Clover and Grass Seeds.

BOSTON.

LIST PRICES.

No. 1.....	\$20.00
“ 2.....	21.50
“ 3.....	23.00
“ 4.....	24.50
“ 5.....	26.00
“ 6.....	27.50
Improved Worcester.....	25.00
Extra for pulley.....	2.00

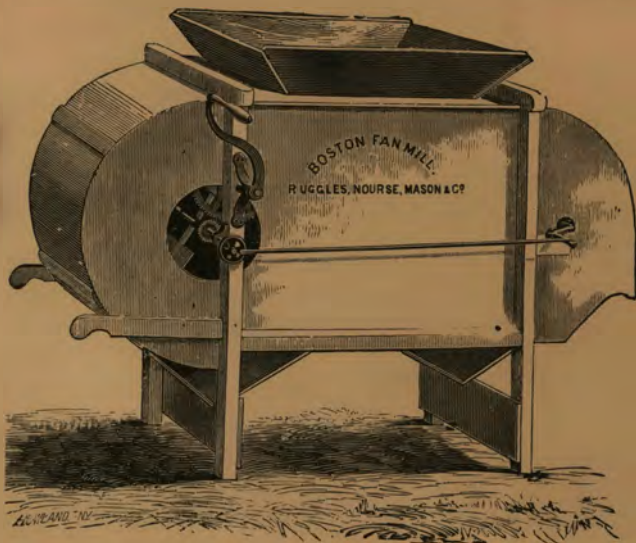
GRANT'S PATENT.

LIST PRICES.

No. 1, 8 sieves.....	\$29.00
“ 2, 8 “.....	31.00
“ 3, 8 “.....	33.00
“ 4, 8 “.....	35.00
“ 5, 8 “.....	37.00
“ 6, 8 “.....	39.00
“ 7, 8 “.....	41.00
“ 8, 8 “.....	43.00
Extra for pulley.....	2.00

Attachment for Grant Mills for separating oats from wheat, \$3.00 extra

Grant Mills for hulled rice only..... \$2 50 less



PREMIUM FARM GRIST MILLS,

With Steel Grinding Parts.

These unrivalled Farm Grist Mills are simple, durable, and efficient, and require less power than any other mill of the kind. These mills are adapted to one and two-horse railway power, lever, steam, wind, or water power, and will grind all kinds of grain fine or coarse, as may be required; also corn on the ear, and will grind and bolt wheat in one operation, producing good family flour. They are without doubt the most complete Farm Mill ever introduced.

LIST PRICES.

- No. 1. With Steel Grinding Parts, and with Sieve and Fly Wheel, \$50.00
 No. 1. With Steel Grinding Parts, and with Sieve and Fly Wheel, and Bolting attachments to make family flour,.....\$75.00
 No. 2. Same as No. 1, but smaller and without Sieve or Cob Crusher, \$30.00



NICHOLS' PATENT CORN AND COB CRUSHER AND PULVERIZER.

FOR CORN, COBS, BARK, OIL CAKE, ETC.

This machine is extensively used, and has been fully tested, and for a rapid, easy, and perfect crusher is unequalled. It will crush double the amount of any other machine before requiring repairs; it will crush four times as fine as any other; it is operated by one third less power than any other mill; it can be regulated to grind coarse or fine, and a one-horse railway power is sufficient to drive it. It has been generally adopted for mill use wherever it has become known, and for farmers who have power no better mill is made.

LIST PRICE.....\$48.00

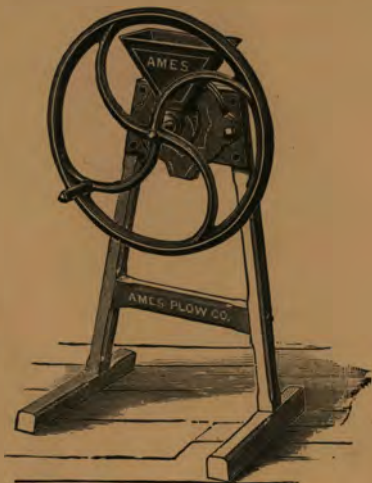
HAND CORN AND COFFEE MILLS.

For Grinding Grain, Coffee, Spices, &c.

These mills are made in three sizes and are operated by hand, grinding from one to two bushels per hour. Large numbers of these mills are sold annually.

LIST PRICES.

No. 3.....	\$4.00
" 4.....	5.00
" 5 Garfield's Improved.....	7.00



HORSE AND HAND GRAIN MILLS.

This mill is for use either by hand or by power. It is capable of grinding four or five bushels of grain, fine, per hour, and a greater quantity if coarse.

LIST PRICE.....\$20.00

PERRY'S PATENT

SAUSAGE-MEAT CUTTERS.

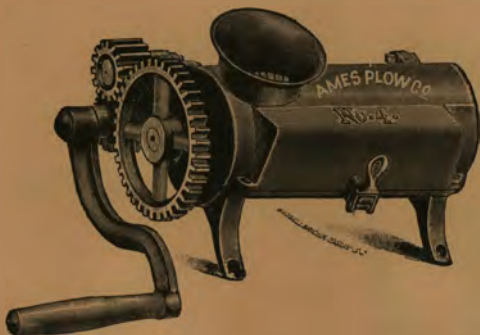
These machines, made entirely of iron, with cutting knives of best cast-steel, are simple, compact, very efficient, and easily kept in order.

Five sizes are made; the Nos. 1 and 2 being suitable for family use, and the No. 3 for boarding houses and hotels.

The No. 4 Cutter is for butchers' use, and is made either with or without gearing.

The "No. 4 plain," made without gearing, is operated by one or two men, and will cut one hundred and fifty pounds of meat per hour fine enough for sausages, and even more if the knives are kept sharp and in good condition for work.

■ The "No. 4 geared" is easily operated by one man, and is the usual kind for butchers' use.



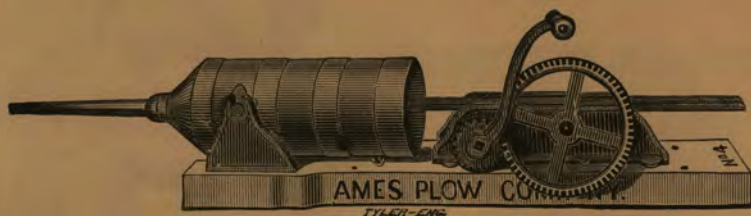
The No. 5 is the largest rotary cutter in the market. This machine is double-gearred, and furnished with a driving-pulley and two cranks, thus making it convenient for operation either by hand or by power, and is capable of cutting five to seven hundred pounds per hour.

The above illustrations represent the No. 3 Cutter open, and the No. 4 geared machine.

LIST PRICES.

Family No. 1.....	\$2.35
Family No. 2.....	2.75
Hotel No. 3.....	3.75
Butchers' No. 4.....	7.25
Butchers' Geared No. 4.....	8.50
Butchers' Geared No. 5, for hand and power.....	.22 50

SAUSAGE FILLERS.



Of these Stuffers, six sizes are made. The small No. 0, light yet durable and efficient, is for family use. Nos. 1, 2, and 3 are suitable for boarding houses, hotels, and butchers' use.

The large butchers' Stuffer, No. 4, is geared and does the work rapidly, but is easily operated. This is the size generally used by butchers.

The Nos. 1, 2, 3, and 4 are furnished with double tubes when required, thus adapting them to different sized skins.

The No. 5 Stuffer, larger and stronger, is made with hopper of galvanized iron, and is always furnished with triple tubes for different sized skins.

The No. 4 Stuffer is illustrated above.

LIST PRICES.

No. 0, single tube, for family use..... \$2.00

BUTCHERS'.

No. 1.....	single tube, \$3.75	double tube, \$4.50
" 2.....	" " 4.25	" " 5.00
" 3.....	" " 4.75	" " 5.50
" 4 geared.....	" " 7.25	" " 8.00
" 5 " triple tube, galvanized iron hopper.....		17.00

HORSE RADISH GRATERS

AND

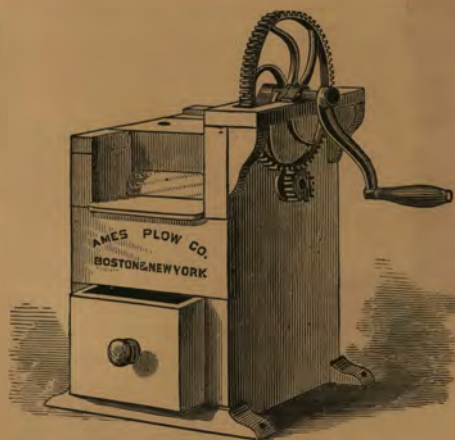
COCOANUT GRATERS.

LIST PRICES.

With TIN CLAD Cylinder for Horse Radish, \$7.00

" STEEL PIN " " " 8.00

" " " " for Cocoanut, 9.00



N. M. & CO.

VEGETABLE CUTTER.

This Cutter is strongly made of the best materials, and is the best machine for the purpose made. It can be readily operated by a boy. The cutting and slicing arrangement is perfect, there is no liability of clogging it while at work, and the knives can be readily sharpened.

LIST PRICE.....\$14.00



MOTT'S FURNACES AND CALDRONS.



Of these there are eleven sizes, ranging from 10 to 200 gallons capacity. As regards their durability and efficiency, we need only say that this make has given unqualified satisfaction during many years, and still continues at the head of the market.

LIST PRICES.

Sizes.	Furnace & Caldron for Wood.	Caldron.	Coal Fixtures.
10 gal.	\$10.00	\$3.00	\$2.00
15 "	12.00	3.50	2.25
22 "	15.00	5.00	2.75
30 "	20.00	6.00	3.50
45 "	26.00	9.00	4.50
60 "	32.00	12.00	6.00
90 "	50.00	18.00	8.00
120 "	70.00	27.00	12.00
140 "	83.00	40.00	12.00
170 "	90.00	47.00	12.00
200 "	103.00	60.00	12.00



Thermometer Churn.

SIZES.	LIST PRICES.
No. 00, 1½ galls.....	\$3.00
" 0, 2½ "	3.50
" 1, 4½ "	4.50
" 2, 6 "	5.50
" 3, 9 "	7.00
" 4, 10½ "	8.00
" 5, 14½ "	9.00
" 5½, 20 "	13.50
" 6, 28 "	18.00

Extra for Robbins' Dash, \$1.00 on Nos.

00 to 5, \$2.00 on Nos. 5½ and 6.

Extra for Pulley, No. 6..... \$2.00

IMPROVED CYLINDER CHURN.

SIZES.	LIST PRICES.
No. 1, 2½ galls.....	\$2.50
" 2, 4 "	3.00
" 3, 7 "	3.50
" 4, 10½ "	4.00
" 5, 15 "	4.50

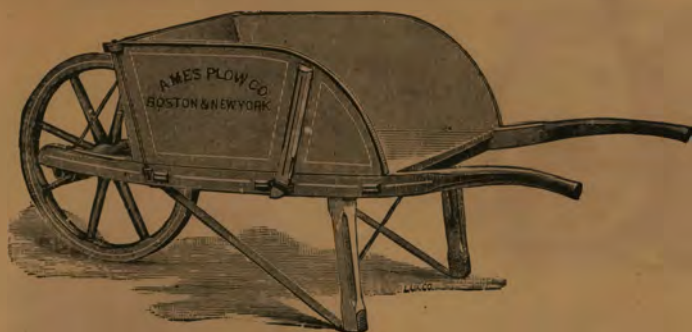


DAVIS Self-Adjusting Churn AND BUTTER WORKER.

This Churn is offered as possessing the best qualities for the successful making of butter.

SIZES.	LIST PRICES.
No. 3, will churn 2 galls.....	\$5.00
" 4, " " 4 "	6.00
" 5, " " 8 "	7.00
" 6, " " 12 "	9.00
" 7, " " 18 "	11.00

GARDEN WHEELBARROWS.



KINDS, SIZES, AND LIST PRICES.

"Ames" Best Quality, Painted, Striped, and Varnished.

BOYS' BARROWS.

No. 1, Small	\$3.75
" 2, Medium	4.00
" 3, Large	4.50

FULL SIZE, EIGHT SPOKE BARROWS.

No. 4, Medium	\$5.00
" 5, Medium	6.00
" 6, Large	7.00
" 7, Extra Large	8.50

"Boston," Painted, Striped, and Varnished.

BOYS' BARROWS.

No. 1, Small	\$3.50
" 2, Medium	3.75
" 3, Large	4.25

FULL SIZE, EIGHT SPOKE BARROWS.

No. 4, Medium	\$4.50
" 5, Medium	5.50
" 6, Large	6.50

"Worcester," Plain, Painted.

FULL SIZE, EIGHT SPOKE BARROWS.

No. 4, Medium	\$4.25
" 5, Medium	5.25
" 6, Large	6.25

Ames, Boston, and Worcester Barrows are usually furnished with Wood Hubs, but can be furnished with Six Spoke Iron Hubs when so ordered.

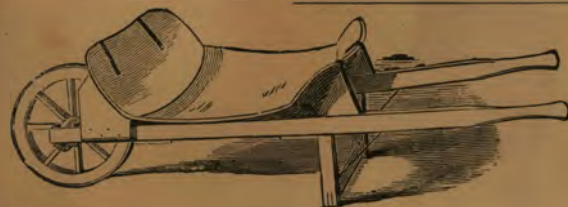
Six Spoke Garden Wheelbarrows.

"QUINCY," PAINTED, STRIPED, AND VARNISHED.

No. 2, Boys'	\$3.50
" 4, Medium	4.00
" 6, Large	4.75

"BEEKMAN," PLAIN, PAINTED.

No.	\$
" 4, Medium	3.75
" 6, Large	4.50



Canal Barrows.

KINDS.	LIST PRICES.
Common	\$ per doz.
Lansing, bolted	" "
Oak Frame, Extra	" "

We also manufacture and have in stock a large assortment of Three Wheel Wheelbarrows, Wood and Coal Barrows, Tubular Iron Barrows, One and Two Wheel Run Coal Barrows, etc.



STORE TRUCKS.

SIZES.

LIST PRICES.

	Wheels Outside.	Wheels Inside.
No. 00.....		\$3.50
" 0.....	\$4.00	4.00
" 1.....	4.50	5.00
" 2.....	6.00	6.50
" 3.....	9.00	10.00
" 4.....	12.00	14.00
" 5.....	13.50	
" 6.....	18.00	

Our Rubbered Wheels are covered in the best manner and by a new process, by which it is rendered impossible for the rubber to become detached from the Iron Wheels. Prices for the various sizes on application.

PLATFORM TRUCKS.



SIZES.	LIST PRICES.	SIZES.	LIST PRICES.
No. 1.....	\$10.00	No. 4.....	\$18.00
" 2.....	12.00	" 5.....	21.00
" 3.....	15.00	" 6.....	23.00
Leather			25.00

We manufacture a large variety of Two and Four Wheel Store, Stevedore, Platform and other Trucks too numerous to mention. Also a large variety of Two and Four Wheel Baggage and Express Trucks.

HORSE CARTS.



The accompanying illustration represents our Medium Horse Cart, of which we sell a large number. It is strongly made, but light enough for general farm work. We manufacture an extensive line of carts and wagons for farm and contract work, and below note a few of the leading kinds. We have in stock Harnesses suitable for use with our carts.

KINDS.

LIST PRICES.

Light Cart, Iron Hubs.....	\$45.00
Medium Cart, Iron Hubs.....	55.00
Railroad Cart, either Wood or Iron Hubs.....	60.00
Contractor's Cart, Wood Hubs.....	65.00
Four Wheel Farm Cart—One Horse.....	110.00
“ “ “ “ —Two Horse.....	115.00

HAND CARTS.

We manufacture a number of styles of which the following are the leaders:—

KINDS.

LIST PRICES.

Boston Cart, Iron Hubs.....	\$22.00
“ “ Improved Iron Hubs.....	25.00
Philadelphia Cart.....	28.00
Heavy Cart, Iron Hubs.....	35.00
Lawn Cart, with Large Racks.....	40.00
Heavy Lawn Cart, with Large Racks.....	50.00

WHIFFLETREES.



KINDS.

LIST PRICES.

One Horse—Light.....	\$.75
“ “ —Heavy.....	.87½
Two Horse—Light.....	3.00
“ “ —Heavy.....	3.50
Three Horse—Heavy.....	7.00

LITTLE GIANT WHEEL-JACK.

Simple, Light, Durable, Efficient.

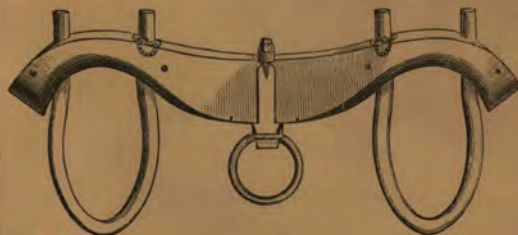
Has a greater demand than any other in the market.



SIZES.

LIST PRICES.

No. 0.....	\$2.00
" 1.....	2.25
" 2.....	2.75
" 3.....	3.25
" 1—with iron clad notches.....	2.75
" 2— " " " ".....	3.25
" 3— " " " ".....	3.75
" 4— " " " ".....	4.50



OX YOKES COMPLETE.

SIZES.	DESCRIPTION.	LIST PRICES.
No. 1	7 in. on neck by 12 in. bet'n bows,	\$6.00
" 2	7½ " " 20 " "	6.50
" 3	8 " " 21 " "	7.50
" 4	8½ " " 22 " "	8.00
" 5	9 " " 23 " "	9.00
" 6	9½ " " 24 " "	9.50
" 7	10 " " 25 " "	10.00

FOLDING LADDERS.



The Folding Ladder shown herewith, both open and shut, is very convenient for use in orchards. It is light and portable. We make all sizes, from six to fifteen feet in length.

LIST PRICE.....25 cents per foot.



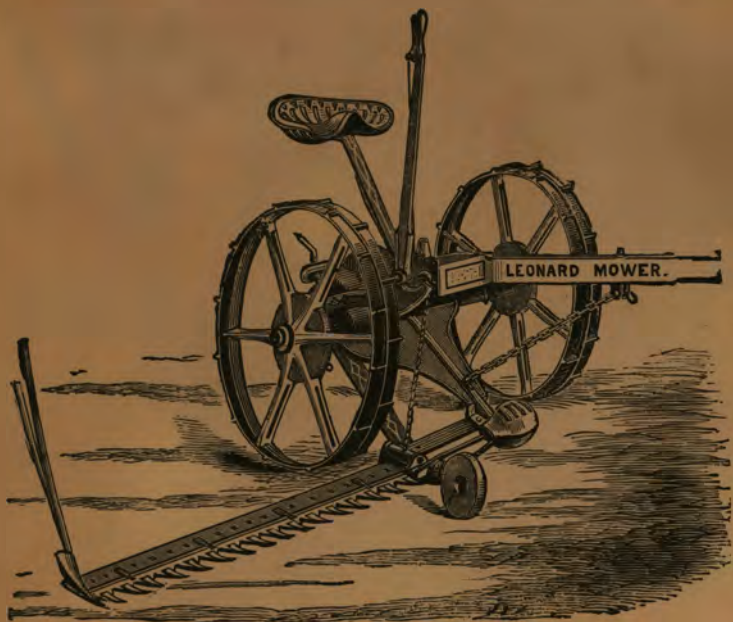
Root and Brush Pullers.

SIZES.

LIST PRICES.

2 Prong.....	\$4.50
3 ".....	5.50
4 ".....	6.50

THE LEONARD MOWER.



A new machine, with incased gears and ratchets, very neat in design, and, for strength, not surpassed by any machine in the market. It has been tested with other first-class machines, and proved to possess all qualities pertaining to those machines, with much lighter draft and very much easier management. We are confident that our aim to secure the utmost form of simplicity and lightness, without sacrifice of strength and durability, has been accomplished.

The Gears, only five in number, are so placed that they will never get out of line with the Main Axle or Driving Wheels.

The Bracing of the Cutter Bar is such that the front brace thoroughly protects the Driving Rod, and the main brace prevents the Cutter Bar from ever working back and getting out of line with the gears or main axle.

The Draft of the Machine is on the under side and from the Main Frame in the centre of the machine, which gives it a very steady and easy motion.

In short, the Leonard will perform every practical demand of the hay field that any machine can, and is of much lighter draft.

SIZES.	DESCRIPTION.	LIST PRICES.
3½ feet cut.....	One Horse.....	\$
4 " "	Two "	
4½ " "	" "	
4¾ " "	" "	

GARFIELD'S

"THE AMERICAN" HAY TEDDER.

AGAIN THE VICTOR
AT WESTBORO, MASS.,
FIELD TRIAL.



HIGHEST AWARD
BY THE SOCIETY,
JUNE 17, 1885.

The best and only perfect machine for turning or tedding Hay.

Simple, Durable, Light Draft.

The most important product of America Cut, Cured, and Stored
in One Day.

Quality very much improved.

Value of Hay Crop materially increased.

Garfield's "The American" Hay Tedder is constructed upon principles peculiar to itself. While comprising all the features requisite to make a successful Tedder, it avoids the many objections that are so apparent in others, and its peculiarities render it far superior to anything in use for the purpose. The machine is mounted on drive-wheels and is furnished with Spring Forks, attached to a light reel which revolves very rapidly, each fork in the machine performing more work than is possible for a man to do with a hand-fork, and in a much more thorough manner, while the draft upon the horse is very light. *Any obstruction can be readily passed over* that a Rake can, *without danger of breakage* or effort on the part of the driver.

It is arranged with a lever for raising and lowering the reel, as the Forks, in action, should be higher from the ground in heavy grass than when the crop is light.

We make three sizes, as noted below.

SIZES.	DESCRIPTION.	LIST PRICES.
12 Fork.....	One Horse.....	\$
16 "	"	
16 "	Two Horse.....	
20 "	"	



JAMES FLOVER COMPANY'S FACTORY AT WORCESTER, MASS.

(MAIN BUILDING.)