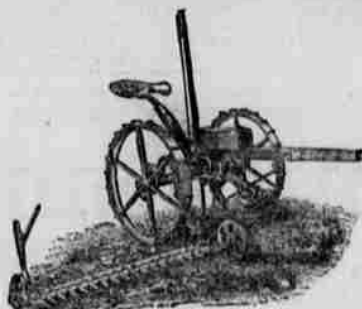


FRANK BROTHERS.

FARM AND MILL MACHINERY,

Full and Complete Line of Harvesting Machinery.

WALTER A. WOOD'S New Enclosed Gear Mower.



This Mower was brought out in 1878, and is already in use by more than 10,000 farmers. Its popularity is so great and the demand for it so active that we have, for the past two seasons, fallen largely short of filling orders.

No Gearing in Drive-Wheels, the Gearing being perfectly encased in the Frame.

Enclosed Gearing, insuring exclusion of all dust and dirt, and freedom from noise and jarring.

Height of Driving Wheels, 31 inches-- from two to four inches higher than other Mower Drive-Wheels.

CHICAGO PITTS' THRESHER.



The "Chicago Pitts" Still Ahead.

Points of Superiority.--Fast Threshing; Cleaning Capacity; Length of Shoe; Width of Shoe; Manner of Regulating the Upper and Lower Wind Boards, so that the Wind can be made to strike any Desired Point on the Riddle; Raising and Lowering the Shoe; Manner of Setting the Teeth in the Cylinder; Delivering the Clean Grain; Durability; Capacity; Simplicity.

DIFFERENT SIZES.

No. 1--Senior Separator, Cylinder 26 inches long; Apron 17 inches wide; Sieves 17 inches wide.
No. 2--Senior Separator; 25-1/2 in. Cylinder; 15-1/2 in. Apron; 15-1/2 in. Sieves.
No. 3--Senior Separator; 23 inch Cylinder; 13-1/2 in. Apron; 13-1/2 in. Sieves.
No. 4--Junior Separator; 21-inch Cylinder; 11-1/2 in. Apron; 11-1/2 in. Sieves.
Compare measurements with other machines.

Coates' Lock Lever Rake.



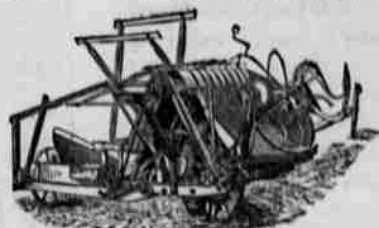
Well and favorably known by every farmer.

Black Hawk and Clipper Rock Island Plows, McSherry Seeders and Drills, LaBelle Wagons, Browne Gang and Sulky Plows, Improved Randall Harrow, Farm Engines, Saw and Flouring Mill Machinery, Wood and Steel Goods, Etc., Etc. Most complete line of all kinds of Machinery to be found on the Coast.

Send for Special Circulars and Catalogues--sent free to any address.

WALTER A. WOOD'S

Well known Harvester and Self-Blinder.



First Premium Oregon State Fair. The most simple Self-Blinder in the market.

Compressing the Bundle.--The compressing of the bundle is accomplished by the pressure of the iron arms, which adapt themselves to its size, instead of the wire itself--a feature not practically carried out by any other manufacturer. Other binders compress the bundles by means of tension on the wire; and with such Machines the result is that the operator, to avoid breakage of wire, must loosen the tension causing loose binding--or he must bind small bundles, in order to bind them tightly.

Amount of Wire Used.--It binds large bundles more tightly than any other Wire-Blinder; and it is the large bundles that require to be most firmly bound and at the same time save labor in handling. To illustrate this advantage: A bundle having a band one foot long contains less than one-fourth as much straw as a bundle having a band two feet long. A great saving is therefore attained by making the bundles as large as can be conveniently handled. This feature alone would make the Wood Binder cheaper than any other at half the price.

One Spool-one Tie.--In forming the band, one spool and one Tie are better than two, taking less wire and requiring less machinery to be looked after.

"Chicago Pitts" Improved Horse Power.

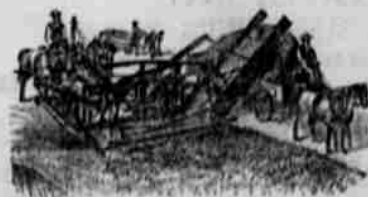


Adapted for any and all Separators.

With NEW LOCK or BRAKE ATTACHMENT, by which the Teams or Stock are stopped instantly if desired.

CHANGEABLE SPEED.--The speed of our "Mounted" Horse Powers may be changed in a few minutes, at a trifling cost; two Spur Wheels only needed to convert our Tapered Powers to run 30, 60, 90, 120, 150, to 128 revolutions of the Tumbling Rod to a revolution of the horse, or lower speed than 75 if required. Thus making them available to run the shears of any make, Feed Mills, Wood Paws, etc.

Walter A. Wood's Header for 1880.



We call Farmers' attention to the following points:

- 1st. The Patent Iron Frame-Hub Wheel.
- 2d. The Chains used instead of Belts.
- 3d. Its Lightness of draft.
- 4th. Superior Quality of Timber used in the Frame.
- 5th. New and Improved Manner of Bracing the Frame.
- 6th. Perfect Balance attained.
- 7th. Superior manner of Lowering and Raising the Elevator.
- 8th. Adjustable Reel.
- 9th. Improved Rudder Wheel.
- 10th. Spring Balance.

FRANK BROTHERS,

142 and 144 Front St., Portland, Oregon.