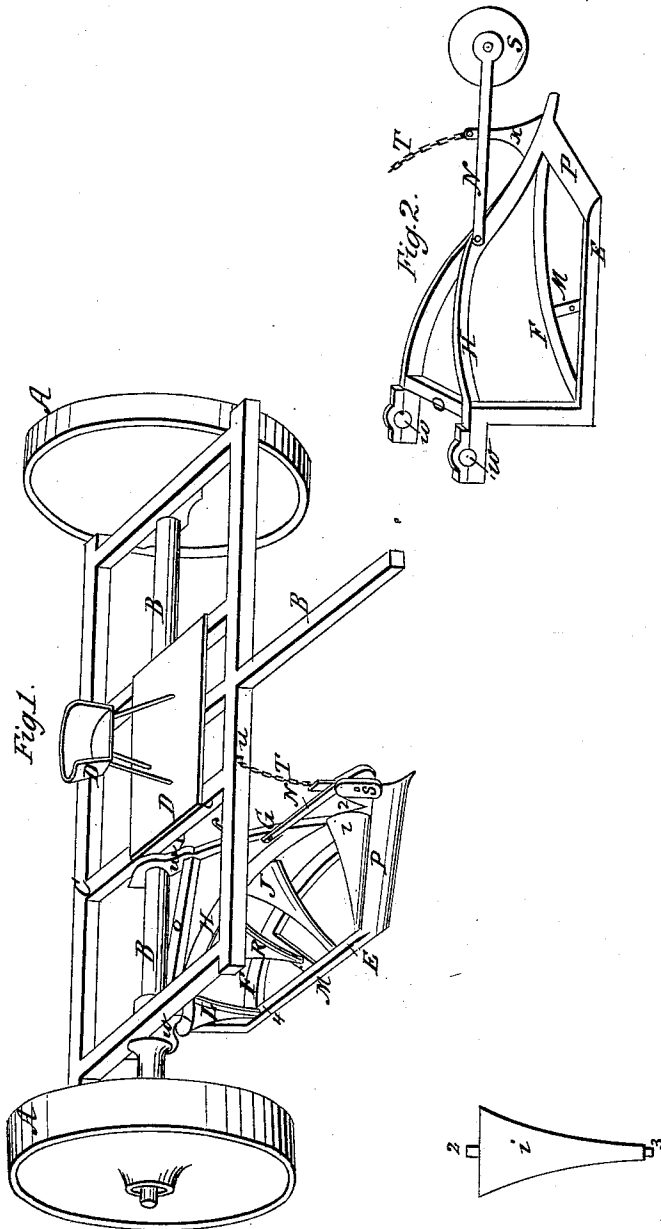


H. STANLEY.
Revolving Moldboard.

No. 18,609.

Patented Nov. 10, 1857.



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Inventor.
Horatio Stanley.

UNITED STATES PATENT OFFICE.

HORATIO STANLEY, OF GREEN TOWNSHIP, ERIE COUNTY, PENNSYLVANIA.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **18,609**, dated November 10, 1857.

To all whom it may concern:

Be it known that I, HORATIO STANLEY, of the township of Green, in the county of Erie and State of Pennsylvania, have invented a new and useful Machine for Plowing—viz., an Anti Friction Self-Adjusting Gang-Plow; and I do hereby declare that the following is a full and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification.

Figure 1 is a perspective view of my machine with all its parts adjusted in working order. A A are wheels revolving on the axle-tree B B. C is the frame on which the axle-tree is hung, and also to which the tongue R is attached. D D is a seat and platform.

Fig. 2 represents the frame of the plowshare and mold-board. P is the share of the plow. X is the colter. N is a lever on which the gagging-roller S is hung. This frame is hung on the axle-tree B B by the boxes *w w*. This frame and the share P are lowered or raised at pleasure by means of a chain, T, hooked onto the pin U. Between the frame-pieces H and E are hung

four or more rollers, L, K, J, and I. These rollers diminish in length from I to L, and have concave surfaces, as shown in drawings, and are so hung in the said frame H and E, by means of journals 1 2 3 4, that the concave surface of the rollers correspond with the required curve of the mold-board, so as to turn over the sward in the same manner as is now done by a common plow.

Any number of these plows can be conveniently suspended on the axle-tree B B, thus making a gang-plow.

What I claim as my invention, and desire to secure by Letters Patent, is—

The construction of the plow-frame with the rollers, as described, and so constructed that any number may be attached to the same axle-tree by means of the frame, Fig. 2, constructed as described, or any other substantially the same.

HORATIO STANLEY.

Witnesses:

WM. P. TRIMBLE,
JAMES SKINNER.