M. R. HUBBELL.

Reversible Plow.

No. 168,157. Patented Sept. 28, 1875.

Fig. 1.

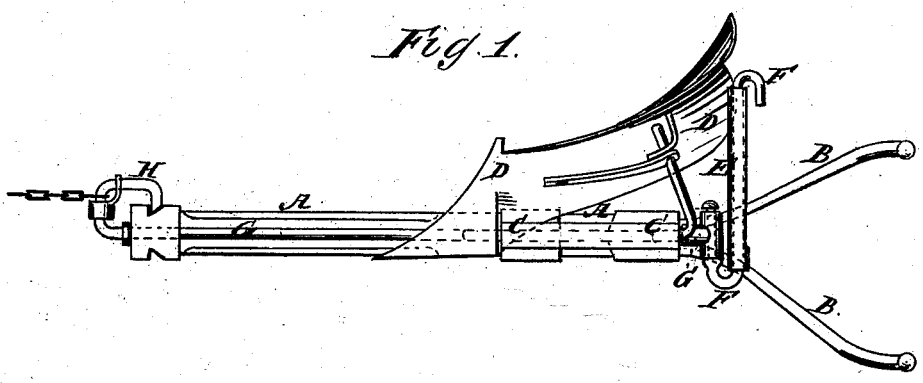
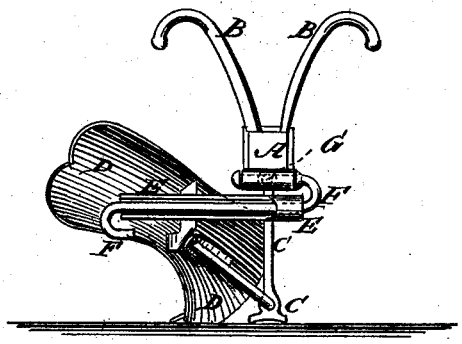


Fig. 2.



WITNESSES:

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MYRON R. HUBBELL, OF WOLCOTT, VERMONT.

IMPROVEMENT IN REVERSIBLE PLOWS.

Specification forming part of Letters Patent No. **168,157**, dated September 28, 1875; application filed August 21, 1875.

To all whom it may concern:

Be it known that I, MYRON R. HUBBELL, of Wolcott, in the county of Lamoille and State of Vermont, have invented a new and useful Improvement in Reversible Plow, of which the following is a specification:

Figure 1 is a bottom view of my improved plow. Fig. 2 is a rear view of the same.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved reversible plow which shall be so constructed that the point of draft attachment may be changed from one side of the beam to the other by the operation of turning the mold-board from one side to the other.

The invention consists in the rod running lengthwise with, and swiveled to, the beam, connecting at its rear end with the reversible mold-board by the slotted tube and hooked rod, or equivalent device, and at its forward end with the draft-hook or a clevis, as hereinafter fully described.

A is the plow-beam, to the rear end of which the handles B are attached, in the ordinary manner. C is the foot, land-side, and standard, which is rigidly attached to the rear part of the beam A. D is the mold-board, which is pivoted to the front and rear ends of the foot C by means of brackets, so that it may be turned from one side to the other of said beam. To the rear end of the mold-board D is pivoted a tube or socket, E, which is slotted upon its rear side from its outer end nearly to its inner end, and through which passes a rod, F. The rod F has a hook formed upon each end, the hook upon the outer end serving as a catch to keep the rod F from being drawn longitudinally through the tube E, and which, when the rod F is turned one-quarter around, comes into line with the slot in the tube E, and allows the rod F to be drawn longitudinally through the tube E, the said hook passing through the said slot. The hook upon the inner end of the rod F passes through and is swiveled in a T-socket formed upon the rear end of the rod G, which passes along the under side of the beam A, or through a groove formed in the under side of said beam, and is swiveled to it by means of keepers or bearings. Upon the forward end of the rod G is formed a hook, H, to which the draft is attached, and the point of which enters alternately notches formed upon the opposite sides of the forward end of the beam A, or of a metallic cap attached to said beam. Instead of the hook H, a crank may be formed upon the forward end of the rod G, and connected with a clevis attached to the forward end of the beam A. By this construction, as the mold-board D is turned from the one side to the other of the beam A, the point of draft attachment will also be changed from one side to the other of said beam. The hook H or the clevis should be so formed that the point of draft attachment may be arranged closer to or farther from the beam, to cause the plow to cut a wider or narrower furrow, as may be desired. The slotted tube E and the hooked rod F may be replaced by any equivalent device for connecting the rod G with the mold-board D.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The combination of the draft-rod G, running lengthwise with, and swiveled to, the beam A, with the hooked rod F and the slotted tube E, connected with the reversible mold-board D, the rod G connecting at its forward end with the draft-hook H or a clevis, substantially as herein shown and described.

MYRON R. HUBBELL.

Witnesses:
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