P. HOLLOWAY.

PLOW.

No. 185,235. Patented Dec. 12, 1876.

Fig. 1.

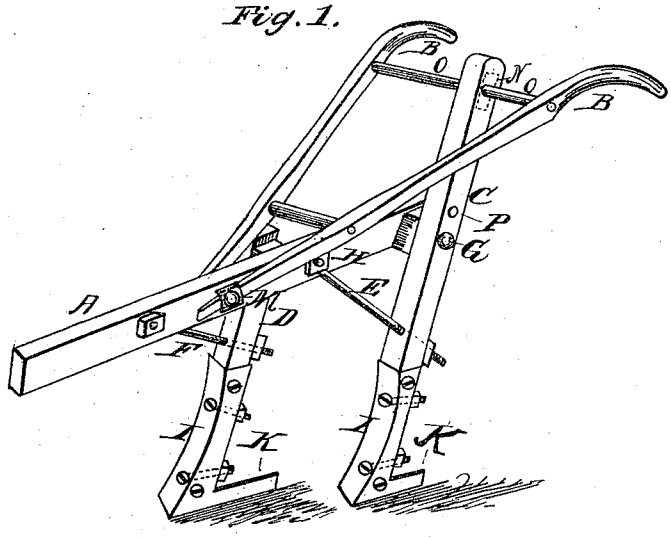


Fig. 3.

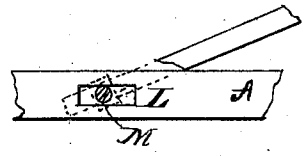
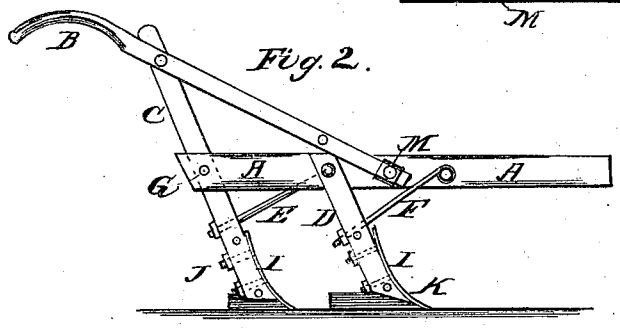


Fig. 2.



WITNESSES.
Fred C. Dieterich
Wm. F. Woodruff

INVENTOR.
Peter Holloway.
By Daniel Breed
Atty.

UNITED STATES PATENT OFFICE.

PETER HOLLOWAY, OF MONCLOVA, OHIO.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **185,235**, dated December 12, 1876; application filed April 28, 1876.

To all whom it may concern:

Be it known that I, PETER HOLLOWAY, of Monclova, in the county of Lucas and State of Ohio, have invented certain new and useful Improvements in Plows; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon, which form a part of this specification.

In the accompanying drawing, Figure 1 is a perspective view of my improved cultivator. Fig. 2 is a side elevation of the same; and Fig. 3 is a detached view of a part of the slotted beam.

The chief object of my invention is to simplify and cheapen the construction of flexible or adjustable cultivators.

My invention consists of a novel construction and arrangement of the point and mold-board, with adjustable standards and an L-formed land-side, which will be fully understood from the following description.

The frame of my cultivator may be of a suitable form for attaching the land-side and mold-board directly to the shanks of the standards, as shown in the drawing, Figs. 1 and 2, in which A is the beam, B the handles, and C and D the standards. The longer standard C has a slot, N, near the top, in which the round O may slide in adjusting the shank C, and the beam A also has a slot, L, Fig. 3, in which the bolt M may slide, so as to accommodate the adjustment of the handles B. The change of the position of the shank C is made by means of the adjusting-brace E, which is made longer or shorter at pleasure by moving the nut or nuts thereon, and the shorter shank swings, and is thus adjustable by means of its brace F with nut.

The standard C may have several holes, P, Fig. 1, for changing the position of the bolt G, which fastens this shank C to the rear end of the beam A.

The land-sides K are L-shaped, and cut from thin sheet metal, and the mold-boards having the point I are in like manner cut from sheet metal, and then bent into shape without any other forging or expense. These mold-boards are reversible, and the thin metal is supported by resting against the shanks C and D, which are shaped to fit the twist of of the metal. Thus the thin metal is stiffened or held in place by the wooden shanks.

The above-described form and arrangement of the land-sides, mold-board, and adjustable standards are intended to simplify and cheapen, and thus improve, the construction of cultivators of this class.

Having described my invention, I claim—

1. The L-shaped land-side K, in combination with the reversible mold-board and point I, resting its whole length upon the front edge of the upright part of the land-side, substantially in the manner and for the purposes set forth.

2. In combination with the above-described land-side K and point J, the adjustable shank C and slotted beam A, substantially as and for the purposes set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

PETER HOLLOWAY.

Witnesses:

JAMES M. ASHLEY,

T. J. MCDONNELL.