L. S. EDLEBLUTE.
Plow.

No. 217,594. Patented July 15, 1879.

Fig. 1.

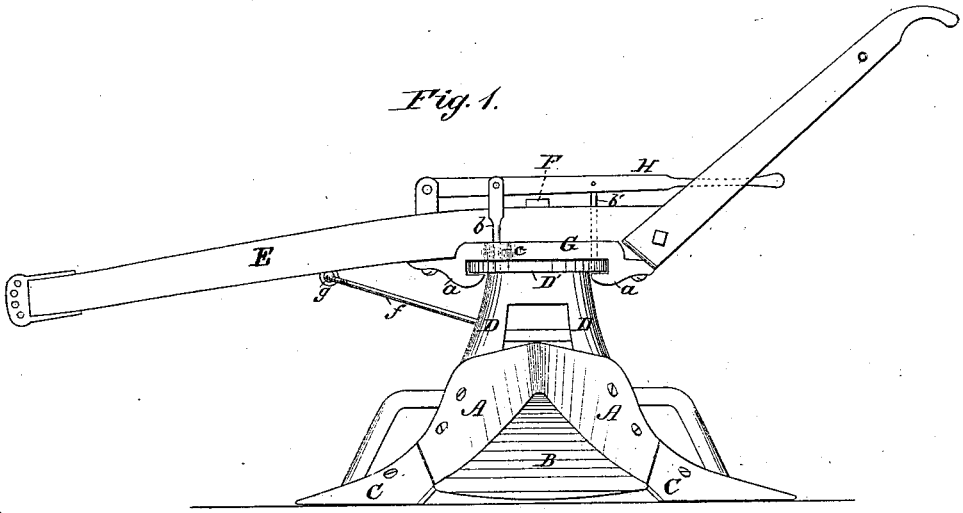


Fig. 2.

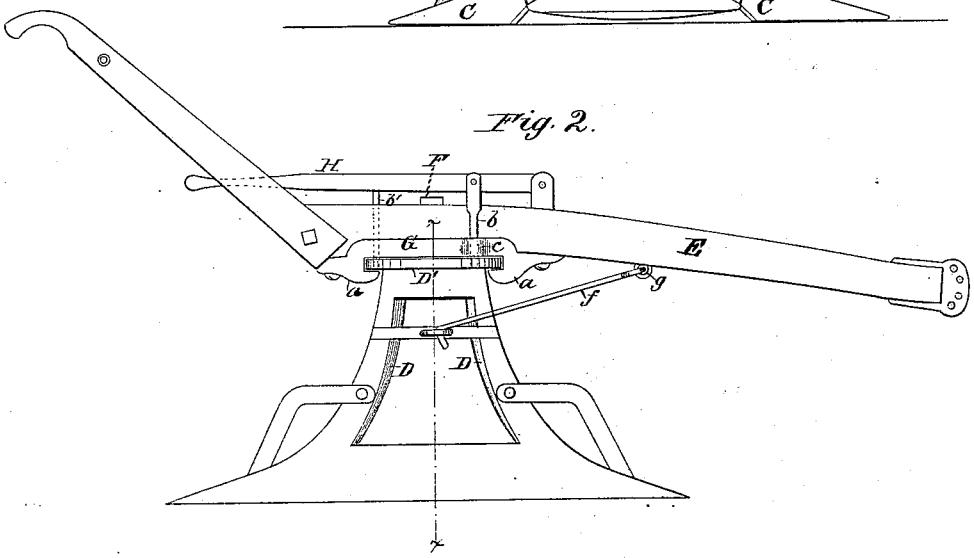
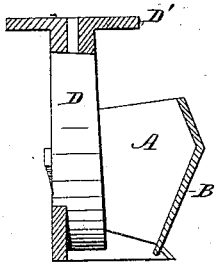


Fig. 3.



WITNESSES:

W. W. Hollingsworth

Edw. W. Byrn.

INVENTOR:

L. S. Edleblute

BY Munn & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

LUCIUS S. EDLEBLUTE, OF CINCINNATI, OHIO.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **217,594**, dated July 15, 1879; application filed June 17, 1879.

To all whom it may concern:

Be it known that I, LUCIUS S. EDLEBLUTE, of Cincinnati, in the county of Hamilton and State of Ohio, have invented a new and Improved Reversible Plow; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a side elevation from the mold-board side. Fig. 2 is a side elevation from the land-side. Fig. 3 is a vertical cross-section of the plow proper through the line *x x* of Fig. 2.

My invention is an improvement in reversible plows, specially adapted to use upon a hill-side, but applicable to any use in which it is desired to throw the furrows all one way, to avoid turning the horses on the plowed ground, to prevent the occurrence of dead-furrows on the field, or to avoid lifting the plow out of its furrow.

The improvement consists in a reversible plow arranged to swivel upon a vertical axis, and having right and left mold-boards, made continuous by a connecting-wall arranged in a plane parallel with the line of draft, as hereinafter more fully described.

In the drawings, A A represent the connected right and left mold-boards, having at the outer edges of their wings a wall, B, made continuously of the same metal as the mold-board, which wall is a true plane parallel with the line of draft, and serves to prevent the earth from falling back between the two mold-boards, thus obviating the carrying of so much dead weight.

C represents the shares, which are made with the land-side in one piece or in two pieces, as desired. D are the standards, which at the top are formed with a round table, D′, connecting said standards. This table is pivoted centrally to the beam E by a strong bolt, F, while at the bottom of the beam is fixed a metal plate, G, having hooks *a a*, which embrace the edges of the table and guide the parts in turning, at the same time greatly strengthening the same.

H is a lever, pivoted at one end to the upper side of the beam, and provided with locking-pins *b b′*. The forward pair of these pins pass down on opposite sides of the beam, and through perforated ears *c* on the plate G, to lock the same to the round table D′ by entering holes in the latter. The rear pin, *b′*, passes down directly through the beam and locks the plate G and the table D′ together upon the opposite side of the pivot-bolt.

To further strengthen the connection, a brace-rod, *f*, is hooked to a cross-bar fixed upon the standards, and its upper and forward end is secured in an eye, *g*, in the lower portion of the beam. This brace-rod is hooked or unhooked according to the changes made in the adjustment.

Instead of using a lever to operate the locking-pins, spring-seated locking devices may be employed.

Having thus described my invention, what I claim as new is—

A reversible plow, arranged to swivel upon a vertical axis, and having a right and left mold-board, made continuous by a connecting-wall arranged in a plane parallel with the line of draft, substantially as and for the purpose described.

LUCIUS S. EDLEBLUTE.

Witnesses:

C. C. ARCHER,

ALICE ARCHER.