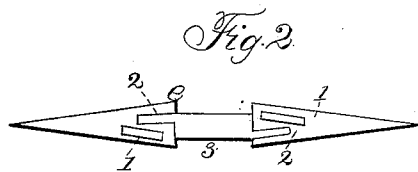
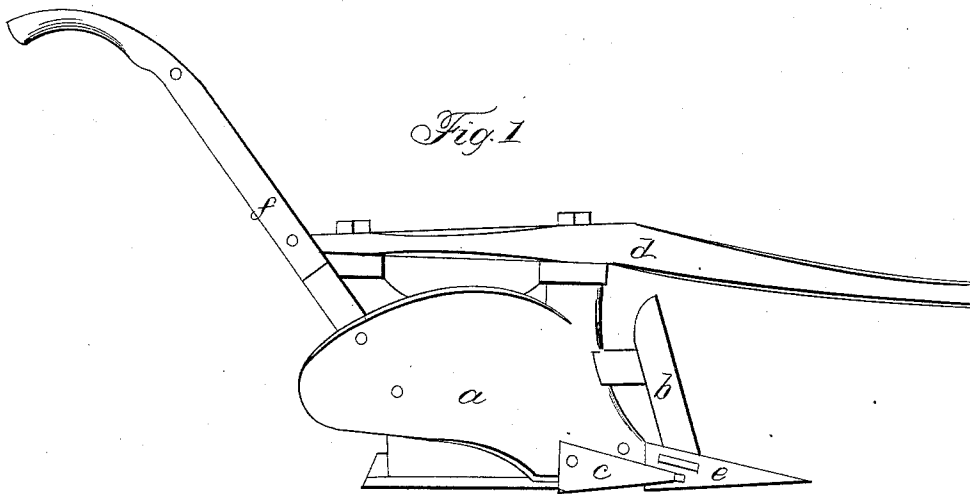


J. McKINLEY.

Plow.

No. 57,748.

Patented Sept. 4 1866



Witnesses;

A Wickham Howe
Isaac H. How

Inventor;

John McKinley
By How & Weston
Attys

UNITED STATES PATENT OFFICE.

JOHN MCKINLEY, OF BETHESDA, OHIO.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. 57,748, dated September 4, 1866.

To all whom it may concern:

Be it known that I, JOHN MCKINLEY, of Bethesda, in the county of Belmont and State of Ohio, have invented a new and Improved Plow; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention consists of a new and improved point for a plow, capable of being used a very great length of time without becoming unserviceable by the wearing off of the under side, as I provide against this by making the point of such a form that it may be used in eight different positions, thus equalizing the wear on the several sides of the point; also, in the combination of the said point with the mold-board, share, and colter, in the manner hereinafter specified.

In the accompanying drawings, Figure 1 is a side elevation of my improved plow. Fig. 2 is a view of the point detached from the plow.

a is a mold-board, *b* the colter, *c* the share, and *e* the point. *d* is the beam, and *f* one of the handles.

The point *e* is made of wrought iron or steel, or other suitable material, and in form resembles two sharp pyramids with their axes in the same straight line and bases toward each other, and connected by a short square bar. In the sides of these pyramids, near their bases,

are slots, as clearly shown in Fig. 2. In one of these slots, 1, the foot of the colter is inserted, and in the other, 2, the forward end of the share. The point *e* is secured to the plow by the bolt *g*, which passes through the mold-board and in contact with one side of the bar 3, and the nut is then screwed down, holding it firmly in a recess made to receive it between the mold-board *a* and the land-side of the plow. The point *e* may, however, be secured in its place in any other way deemed best.

When the lower side of that end of the point *e* which is in use becomes worn, the point is taken off and turned over or reversed, so as to bring another side to the work in place of the one so worn. It will readily be seen that this change can be made in eight different ways, thus adding materially to the durability of the point, as well as keeping it in much better order than such points are now kept.

Having thus fully described my invention, I claim—

1. The point *e*, constructed substantially as described.

2. The combination of the point *e* with the share *c*, colter *b*, and mold-board *a* substantially as herein set forth.

JOHN MCKINLEY.

Witnesses:

JOHN WHITE,

JOHN THORNBURGH.