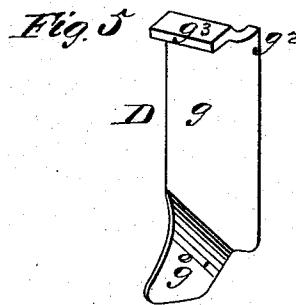
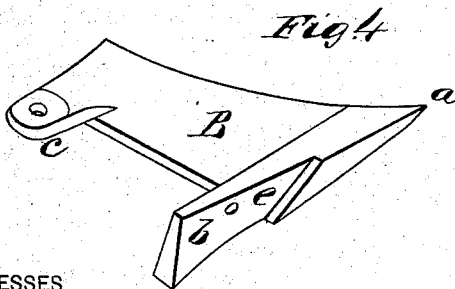
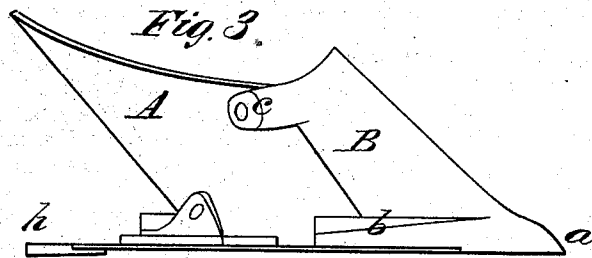
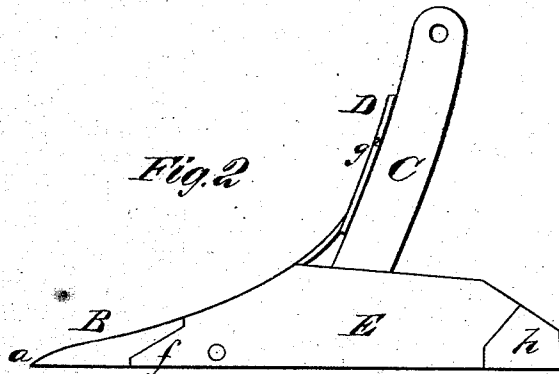
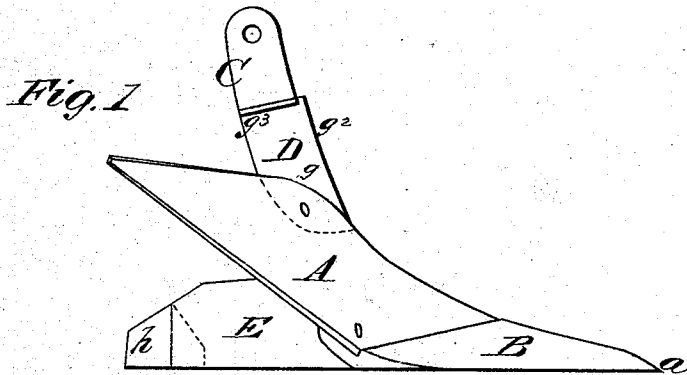


J. URIE.
Plows.

No. 156,609.

Patented Nov. 3, 1874.



WITNESSES

Mary S. Utley
Robert C. Smith

INVENTOR

James Urie,
Chipman & Fosmire & Co

ATTORNEYS

UNITED STATES PATENT OFFICE.

JAMES URIE, OF EVANSVILLE, INDIANA.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **156,609**, dated November 3, 1874; application filed September 26, 1874.

To all whom it may concern:

Be it known that I, JAMES URIE, of Evansville, in the county of Vanderburg and State of Indiana, have invented a new and valuable Improvement in Plows; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of a front view of my plow. Fig 2 is a side view, Fig. 3 is a front view, and Figs. 4 and 5 are detail views, of the same.

This invention has relation to plows for turning the soil; and it consists in a novel construction of the share, the land-side, and the standard-support, as will be hereinafter explained, whereby a very substantial plow is obtained, which can be readily and cheaply repaired.

In the annexed drawings, A designates the mold-board; B, the share; C, the standard, and D the standard brace and support. The share B is formed with a point, *a*, and also with two lugs, *b* *c*. The lug *b* has a recess, *e*, formed in its land-side, which is adapted to receive the pointed end *f* of the land-side E and leave a flush land-side surface, as shown in Fig. 3. The bottom of the lug *b* and point *a* form a sole for the front part of the plow, and the upper surface of the lug *b* affords a good solid bearing for the front part of the mold-board A. The lug *c* at the rear end of the share is, like lug *b*, cast with this share,

and serves as a support therefor. Two bolts only are required to firmly secure the share to the mold-board and the land-side. The standard-brace D (shown clearly by Fig. 5) consists of a stock, *g*, a broad lip, *g*¹, a narrow lip, *g*², and a shelf, *g*³. The stock *g* lies snugly against the mold-board side of the standard C, the lip *g*² lies in front of this standard, the lip *g*¹ lies beneath the mold-board and supports its upper portion, and the shelf *g*³ affords a support for the plow-beam. Two or more bolts are used for securing the standard-brace to the standard and the mold-board. This brace I shall make of wrought-iron.

The land-side E is subjected to the greatest wear at the heel; and to render this part more durable I weld a thick steel plate, *h*, to the land-side at the rear end, as shown in Figs. 1, 2, and 3.

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

1. The share B, constructed with a beveled point, *a*, a recessed lug, *b*, at the rear end of its land-side, and a perforated lug, *c*, upon its upper rear edge, as and for the purpose specified.

2. The brace D, consisting of a stock, *g*, lips *g*¹ *g*², and a shelf, *g*³, as and for the purpose described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JAMES URIE.

Witnesses:

ALEXANDER GILCHRIST,
W. M. BLAKEY.