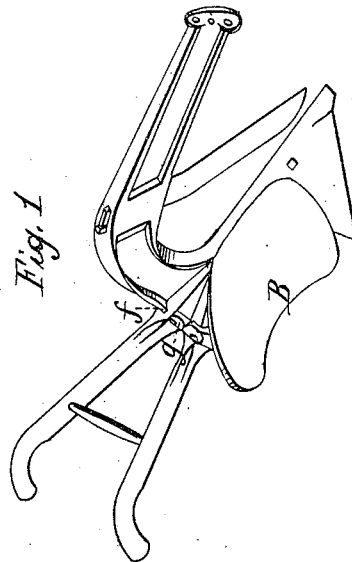
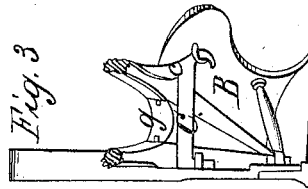
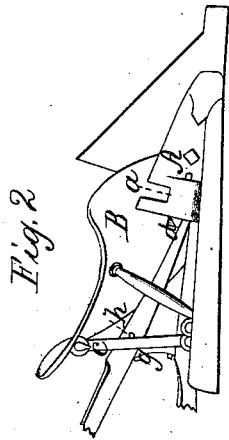


J. Rich,

Plow.

No. 6611.

Patented July 31. 1849.



UNITED STATES PATENT OFFICE.

JNO. RICH, OF TROY, NEW YORK.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. 6,611, dated July 31, 1849.

To all whom it may concern:

Be it known that I, JOHN RICH, of Troy, in the county of Rensselaer and State of New York, have invented a new and Improved Mode of Constructing Plows; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings -

Figure 1 being a perspective view, Fig. 2 a bottom view, and Fig. 3 a back end view, of the same.

My improvement consists in the mode of constructing the bed (or nose-piece) of a plow for the securing of the mold-board thereto, and of the manner of securing the handles, thereby rendering it simple and cheap of construction, the whole being made of cast or wrought iron, with the exception of the handles.

A is the bed of the plow, (represented in Fig. 2, and in a detached view at Fig. 4,) which has a slot, *a*, and admits of a projecting knob, *b*, on the mold-board B. This projection is in the shape of a dovetail, (or double hook,) and slips in the slot *a*, thereby firmly securing the mold-board to the bed by means of the wedge *d*, said wedge answering the double purpose of also securing the lower ends of the handles in a socket of the bed, as represented.

I will now proceed to describe the manner of securing the handles.

C is a brace which secures the mold-board to the landside, this being furnished with a hook,

e, forming, in a manner, a mortise for the reception of one of the handles, while the other is secured by means of a projection on the beam, as at *f*, Fig. 1, the handles being made fast by means of a wedge-piece, *g*, which is held in place by pins, there being pins driven in the handles directly in front of the brace C, to prevent the handles from drawing out, as shown at *h*.

The movable part of the landside is secured by means well known, and therefore need not be described.

Having thus described and represented my construction of plow, what I claim as new, and desire to secure by Letters Patent, is—

1. The manner of forming the bed of a plow with a socket for the admission of the handles, and securing the mold-board to the bed A by means of the knobs *b*, the one wedge *d* serving the double purpose of retaining the mold-board and lower ends of the handles in place, in the manner described and represented.

2. So constructing the brace C as to make a firm rest and fastening for the handles, thereby rendering an effectual and simple fastening for the handles of a plow, the whole being arranged substantially as set forth.

JOHN RICH.

Witnesses:

E. L. BRUNDAGE,
S. S. STONE.