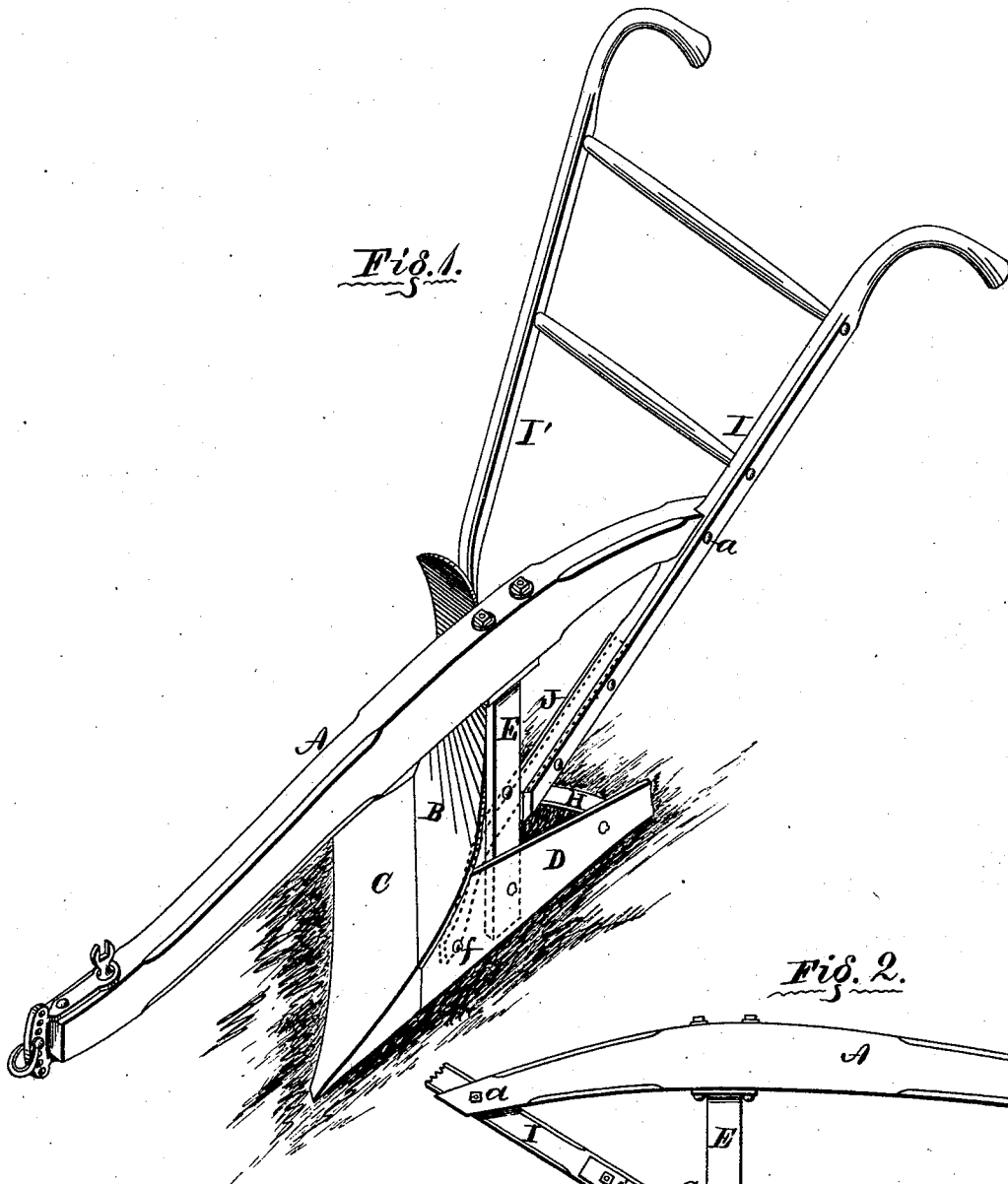


G. MOORE.

PLOW.

No. 184,411.

Patented Nov. 14, 1876.



Witnesses:

W. H. Baringer.
P. R. Richards.

Inventor:

Gilpin Moore,
P. R. Richards,
att'y.

UNITED STATES PATENT OFFICE

GILPIN MOORE, OF MOLINE, ILLINOIS, ASSIGNOR TO DEERE & CO., OF
SAME PLACE.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **184,411**, dated November 14, 1876; application filed
September 16, 1876.

To all whom it may concern:

Be it known that I, GILPIN MOORE, of Moline, in the county of Rock Island and State of Illinois, 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 appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention relates to improvements in turning-plows of that class having what are generally known as set-up handles; and the invention consists in the use of a metallic brace extending across the plow-standard, to which it is securely attached, and attached at its lower end to the land-side bar, and at its upper end to the end of the set-up handle, and forming, with the standard and handle, a lattice-truss bracing to the plow-beam, a strong support for the handle, and a brace to the standard, as hereinafter more fully described, and set forth in the claims.

In the accompanying drawing, Figure 1 is a perspective view of a plow embodying my invention. Fig. 2 is a sectional view, the mold-board and share removed, and showing an elevation of other parts.

Referring to the drawing by letters, A represents the beam; B, the mold-board; C, the share; D, the land-side bar; E, the standard; F, the frog; G, the angle-plate, connecting the standard and mold-board; H, the heel-brace, and I I' the handles of an ordinary turning-plow. J is a brace-bar welded to the standard E, crossing it obliquely, in about the position shown in the drawings, and is bolted at its lower end to the land-side bar D by a bolt, *f*, which may be the same bolt that secures the frog F to the land-side bar. The handle I extends below its attachment *a* to

the beam A, and is secured to the upper end of the brace J by bolts *i i*, and, for greater strength, may extend downward and abut against the standard E, as shown in the drawing. The beam A is bolted in any ordinary manner to the upper end of the standard E and to the handle I. The brace J crossing the standard E, as herein described, and to which it is attached, together with the lower end of the handle I, which connects the brace J to the beam, form the diagonal braces of a lattice truss-frame, of which the beam A is the upper chord and the land-side D the lower chord, the effect of which construction is to impart to the beam great rigidity and security of attachment. The lower end of the brace J also forms an effectual brace for the standard E, and its upper end an effectual attachment for the handle I, and in a set-up position.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The brace J crossing the standard E, to which it is attached, combined with the beam A and land-side D, substantially as described, and for the purpose specified.

2. The brace J, constructed and arranged substantially as described, in combination with the handle I and standard E, for the purpose specified.

3. The brace J and standard E, constructed and connected substantially as described, and combined with the land-side D, substantially as described, and for the purpose specified.

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

GILPIN MOORE.

Witnesses:

W. T. BALL,
AUG. MIEDKE.