

A. HAMPE.

Plow.

No. 159,321.

Patented Feb. 2, 1875.

Fig. 1.

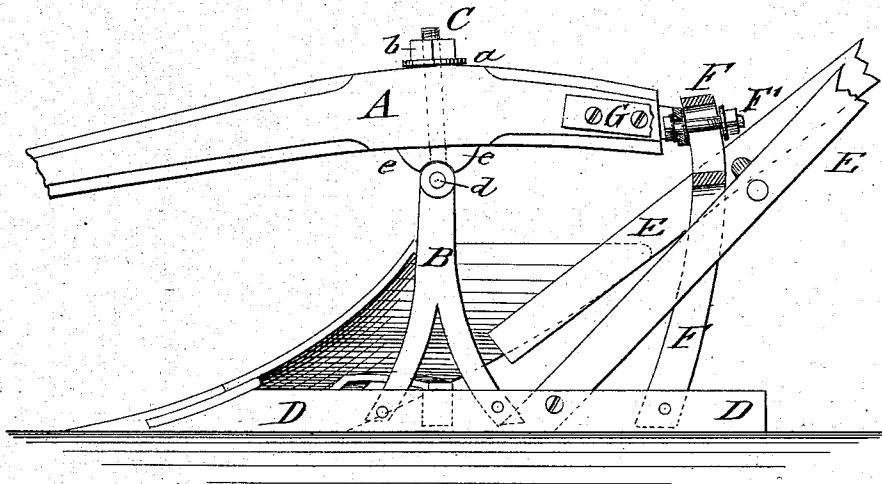


Fig. 2.

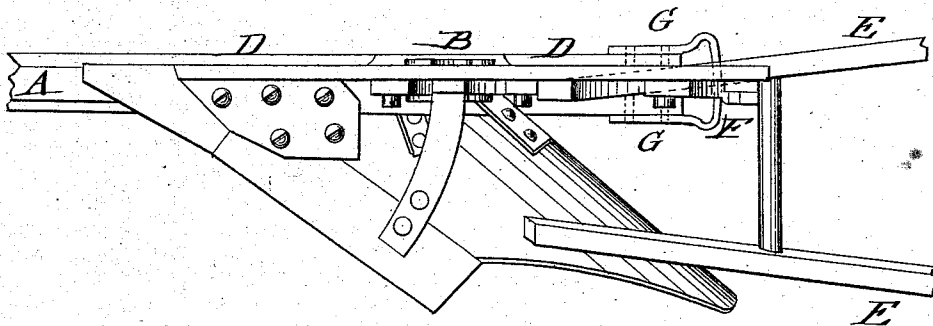
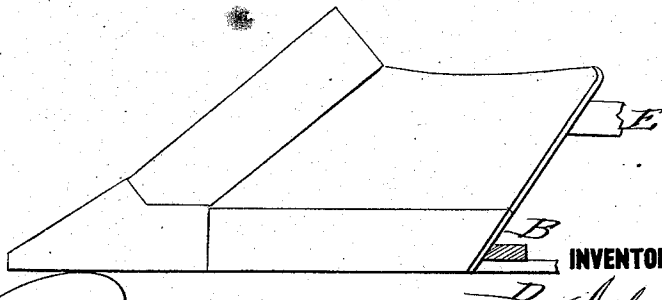


Fig. 3.



WITNESSES:

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ALBERT HAMPE, OF STAUNTON, ILLINOIS.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **159,321**, dated February 2, 1875; application filed July 25, 1874.

To all whom it may concern:

Be it known that I, ALBERT HAMPE, of Staunton, in the county of Macoupin and State of Illinois, have invented a new and Improved Plow, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a side elevation, partly in section, of my improved plow; Fig. 2, a bottom view of the same, and Fig. 3 a detail front view of the plowshare.

Similar letters of reference indicate corresponding parts.

The invention will first be fully described, and then pointed out in the claim.

In the drawing, A represents the plow-beam, to which the vertical standard B is hinged by a strong bolt, C. Bolt C is attached, by washer-plate *a* and nut *b*, to the upper part of beam A, and applied by its eye-shaped lower end at the under side of the beam to the pivot-pin *d*, connecting - bolt C, and standard B. The rounded-off end of standard B swings readily along a correspondingly-recessed washer-plate, *e*, at the under side of beam A. The lower end of standard B forks out into two parts, and is firmly bolted to the land-side D, which supports again the plow point and share by connecting - braces and suitable strengthening-plates bolted thereto.

The plow-handles E are rigidly secured to land-side and share, the land-side handle being furthermore attached to a rear standard,

F, which connects land-side D with rear end of plow-beam B. The upper end of rear standard F is slotted in vertical direction, and connected to a laterally-slotted band-plate or clevis, G, by a screw-bolt, F', and interposed washer-plates. The slotted clevis G is sidewise bolted to the rear end of beam A, and projects such a distance from the beam end that the head of the screw-bolt F' may without obstruction be moved therein for the adjustment of the plowshare. The greater or lesser depth of the share is regulated by swinging the standard B backward or forward on its pivot-bolt, and setting the fastening-bolt F' to the position of the same.

The lateral position of the plowshare sidewise from the beam is adjusted by means of the end clevis and screw-bolt, so that the plow can be set as required, increasing thereby the strength of the parts and the efficacy and usefulness of the plow.

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

The plow-beam A, pivoted to swing horizontally on a bolt, C, and vertically on a bolt, *d*, in combination with the slotted rear standard, F, screw-bolt F', and clevis G, to admit of the two adjustments, as set forth.

ALBERT HAMPE.

Witnesses:

JOHN F. GANER,
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