

J. POSEY.
Plow.

No. 197,494.

Patented Nov. 27, 1877.

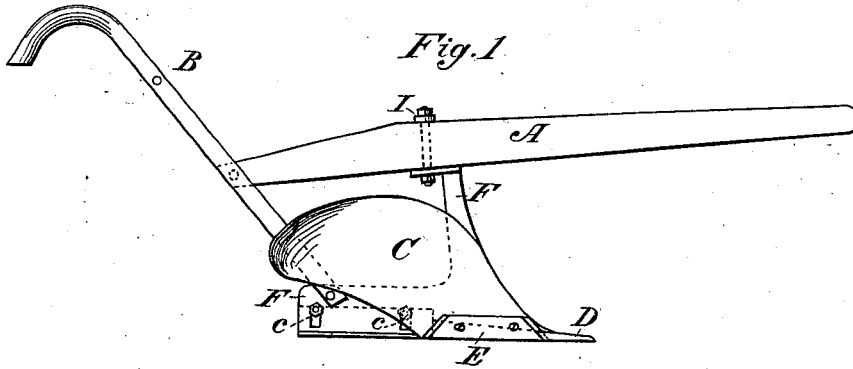


Fig. 2.

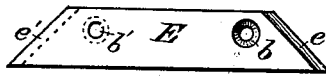


Fig. 3.

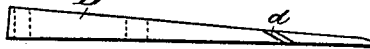


Fig. 4.

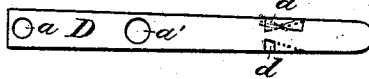


Fig. 5.

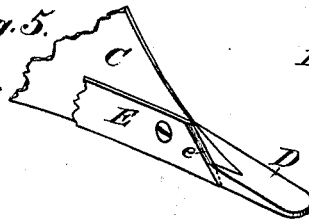


Fig. 6.

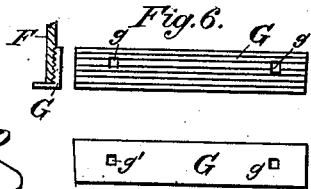
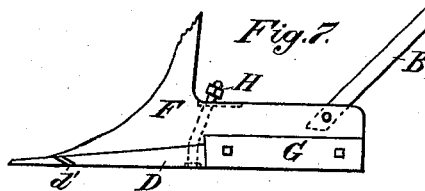


Fig. 7.



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UNITED STATES PATENT OFFICE.

JAMES POSEY, OF NANJEMOY, MARYLAND.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **197,494**, dated November 27, 1877; application filed September 1, 1877.

To all whom it may concern:

Be it known that I, JAMES POSEY, of Nanjemoy, in the county of Charles and State of Maryland, have invented certain new and useful Improvements in Self-Sharpening 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 drawing, and to letters of reference marked thereon, which form a part of this specification, in which—

Figure 1 is a side elevation; Fig. 2, the reversible wing; Fig. 3, a side, and Fig. 4 a top view of the self-sharpening point. Fig. 5 is a perspective view of the plowshare, point, and wing, all in position. Fig. 6 shows side, end, and top views of the adjustable heel. Fig. 7 is a side view, showing the manner of fastening the heel-piece to the bottom of the share.

This invention relates to improvements in self-sharpening plows; and consists in the improved construction of the same, hereinafter more fully described, and particularly pointed out in the claim.

In the accompanying drawing, similar letters of reference indicate like parts of the invention.

In Fig. 1 the plow is seen complete and ready to be operated. The beam A, handles B, share C, and post F are all of ordinary construction. D is the improved point; E, the wing, and *c c* the bolts for fastening the adjustable heel to the back extension of the upright F. E is the reversible wing, beveled at the points *e* and *e'*. *b* and *b'* are the countersunk holes for fastening it to the share proper. D is the improved self-sharpening point, on either side of which is a small groove, wherein the point of share E (shown by *e* in Fig. 2) is entered when in position. D, Fig. 4, is a top view of

the point, and *a* and *a'* are holes for connecting it by means of bolts to the upright F.

Fig. 5 represents the point and wing in position. The latter fits in the groove seen in the side of the point D.

In my invention the point of the plow is shaped like an isosceles triangle, and, being reversible, either side may be put against the bottom of the upright F. When the point wears away it is only necessary to loosen the bolts H, (seen in Fig. 7,) and reverse it until the point is entirely used up or worn away. As the point wears away and becomes thinner, the heel also wears, and provision is made for this by means of the elongated holes in the upright F, in which the bolts *c c*, Fig. 1, pass, so that when a new point is put on, the heel is adjusted to form a straight line with the bottom of the new point. The wing E, Fig. 2, being constructed on the same principle as the point, is also reversible, and can be reversed as it wears.

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

In a plow, the wedge-shaped reversible point D, provided with double countersunk holes *a* and *a'*, and an oblique groove, *d* and *d'*, on either side, for the insertion of the forward end of the reversible wing E, in combination with the right-angular-shaped adjustable heel G, the forward end of which abuts against or braces the base of the point D, substantially as and for purposes set forth.

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

JAMES POSEY.

Witnesses:

J. W. ROUNTREE,
E. C. WEAVER.