

J. W. HENDLEY.

PLOW.

No. 186,130.

Patented Jan. 9, 1877.

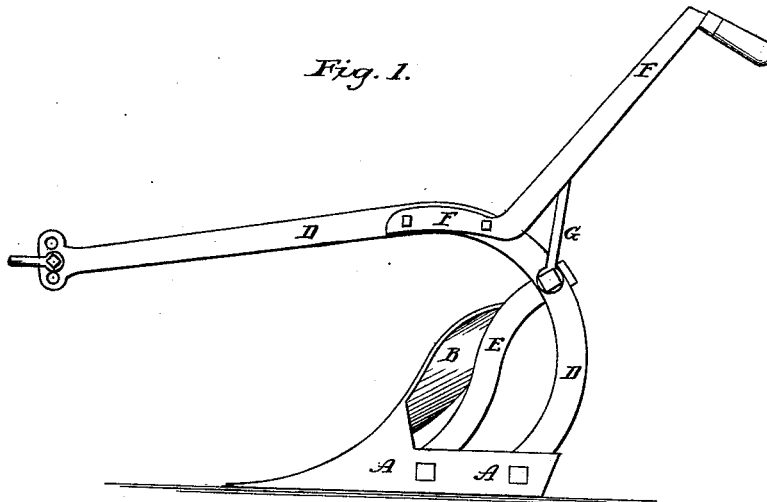
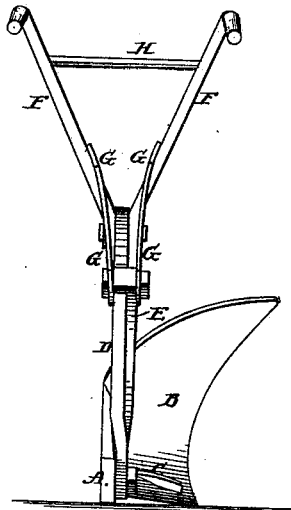


Fig. 2.



WITNESSES:

Geo. H. Graham.
J. H. Scarborough

INVENTOR:

J. W. Hendley
BY *Mumford*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

JAMES WILLIS HENDLEY, OF CEDAR HILL, NORTH CAROLINA, ASSIGNOR TO
DAVID N. BENNETT AND SAMUEL T. WRIGHT, OF SAME PLACE.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. 186,130, dated January 9, 1877; application filed
November 25, 1876.

To all whom it may concern:

Be it known that I, JAMES W. HENDLEY, of Cedar Hill, county of Anson, and State of North Carolina, have invented a new and Improved Plow, of which the following is a specification:

Figure 1 is a side view of one of my improved plows. Fig. 2 is a rear view of the same.

The objects of the invention are simplicity and cheapness of construction, and such arrangement of parts as will prevent the plow becoming clogged with weeds, vines, and other trash.

To these ends the mold-board is welded to the land-side, or cast in one piece with it, and supported thereby, so that no brace or other connection is required between the mold-board and standard; secondly, the curved beam is attached to the heel of the land-side and supported by a brace, which is bolted to the middle portion of the latter, and arranged in such relation to the mold-board that a space is left between them, into which the trash will fall, and thus be drawn into the furrow and covered by the furrow-slice.

In the drawing, A represents the land-side, and B the mold-board, which are welded together, and also braced by the bar C. The beam D is curved at its rear end, and attached to the heel of the land-side A. The only additional means of connection between the beam and plow proper is a bar or brace, E, which is bolted, at its respective ends, to the middle of the land-side and the middle of the curve of the beam. A considerable space is

thus left between the brace E and the rear end of the mold-board, into which the trash—such as weeds, vines, sticks, stubble, and dry grass—will fall as it passes up the face of the mold-board, and thus be delivered into the furrow, to be covered by the next furrow-slice turned by the plow.

By this construction and arrangement of parts it is impossible the plow-share shall become clogged like others, in which the mold-board is attached to the standard, or placed in juxtaposition with it. The several parts A B D E are likewise so connected and arranged as to produce a strong and durable plow at comparatively small cost.

The beam D is provided with handles F, supported and connected by braces G and cross-bar H.

I do not claim, broadly, a plow having a curved beam attached to the heel of the land-side, nor a plow in which the mold-board is separated from the beam or standard; but

What I do claim is—

The improved plow herein described, consisting of the land-side A and mold-board B, welded together, the curved beam D attached to the land-side only, and the brace E bolted to the middle of land-side and the curved portion of the beam, a clear space being left between the mold-board and brace, as shown and described, for the purpose specified.

JAMES W. HENDLEY.

Witnesses:

BENJN. I. DUNLAP,
I. A. BUSNEY.