

(No Model.)

D. M. BARRINGER.

PLOW.

No. 318,160.

Patented May 19, 1885.

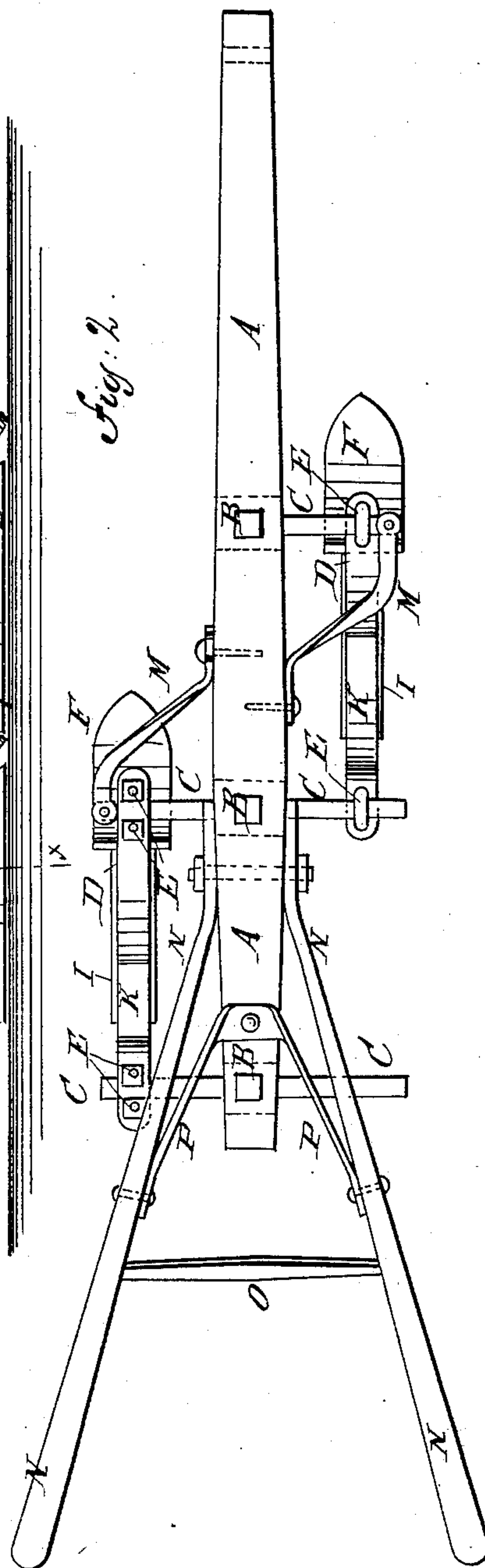
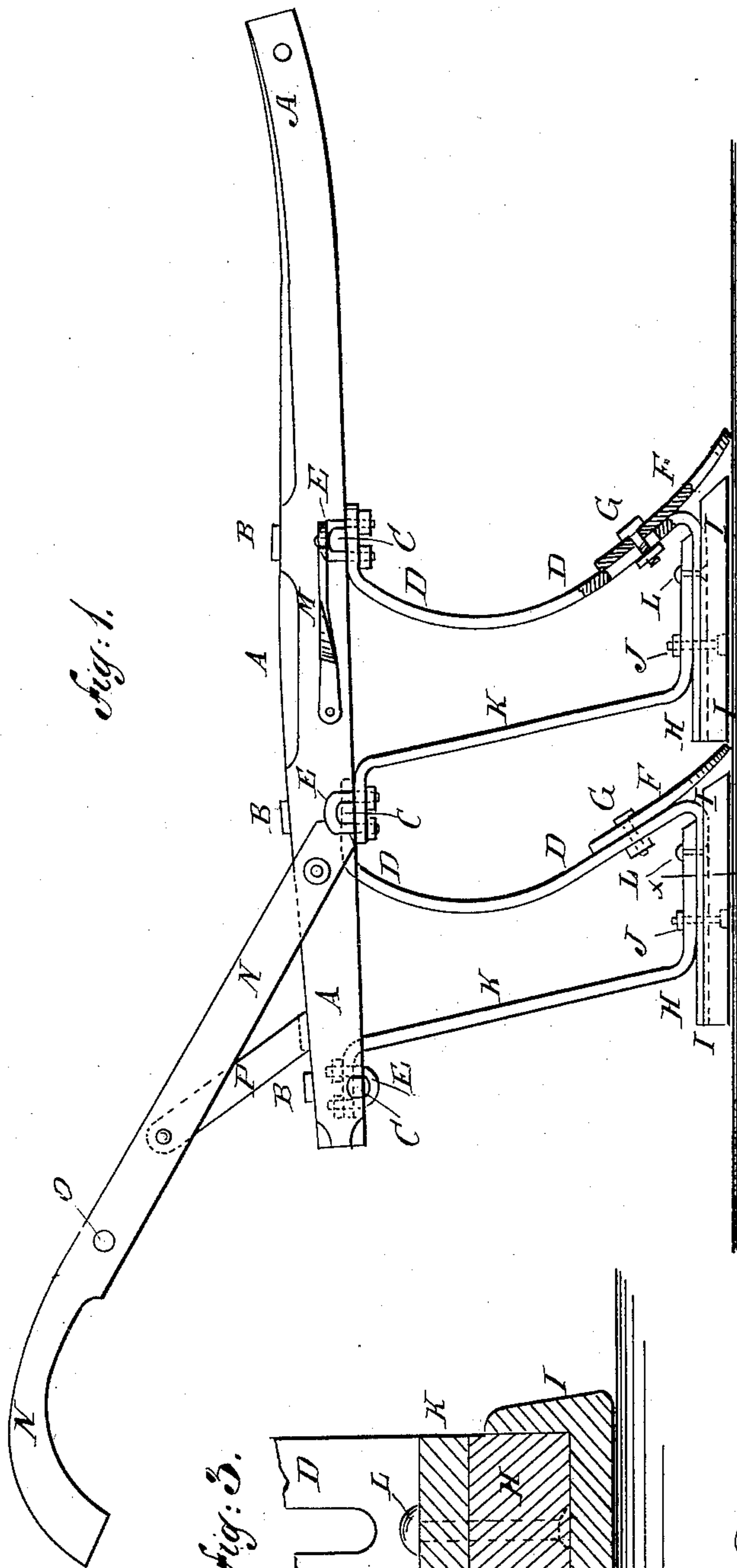
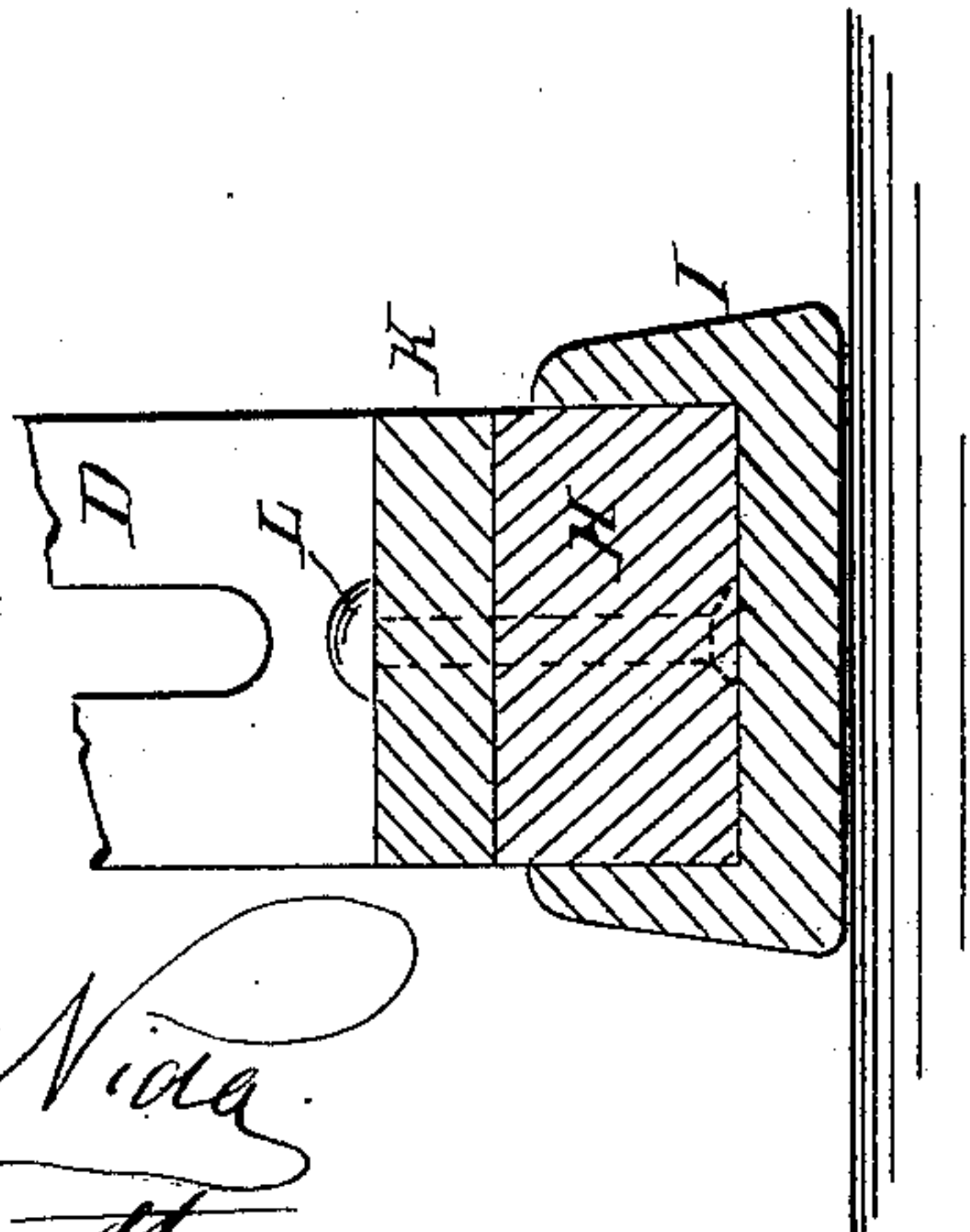


Fig. 3.



WITNESSES:

Chas. Nida
Chas. Lurcott

INVENTOR:

Daniel M. Barringer

BY

Wm. H. [Signature]

ATTORNEYS.

UNITED STATES PATENT OFFICE.

DANIEL M. BARRINGER, OF BENNETTSVILLE, SOUTH CAROLINA.

PLOW.

SPECIFICATION forming part of Letters Patent No. 318,160, dated May 19, 1885.

Application filed September 13, 1884. (No model.)

To all whom it may concern:

Be it known that I, DANIEL M. BARRINGER, of Bennettsville, in the county of Marlborough and State of South Carolina, have invented a new and useful Improvement in Plows, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a side elevation of one of my improved plows, a part being broken away. Fig. 2 is a plan view of the same. Fig. 3 is a sectional elevation of a part of the same, taken through the line *x x*, Fig. 1.

The object of this invention is to provide plows constructed in such a manner that they can be readily adjusted to adapt them for various kinds of work.

The invention consists in the peculiar construction and arrangement of parts, as hereinafter fully described, and pointed out in the claims.

A is the plow-beam, to the lower side of which are secured, by bolts or rivets B, three cross-bars, C. The middle parts of the cross-bars C are widened, as shown in dotted lines in Fig. 2, and are let into the lower side of the said plow-beam, so that they can be held securely by single bolts or rivets.

D are the plow-standards, the upper ends of which are bent forward and are secured to the arms of the cross-bars C by clips E. The standards D are curved to bring their lower parts into proper position to receive the plows F, which may be turn-plows, shovel-plows, sweeps, or any other desired kind of plow, as the work to be done may require. The standards D are slotted to receive the bolts G, that secure the plows F in place, so that the said plows can be moved up and down, by loosening the said bolts. The lower ends of the standards D are bent to the rearward into a horizontal position to form bars or feet H, to give steadiness to the plows when in use. The feet H fit into grooves in the upper sides of shoes I, which are secured to the said feet H by bolts J. The shoes I take the wear, and can be readily replaced when worn by new ones. K are uprights or braces, the lower ends of which are bent forward to fit upon the feet H, and are secured in place by the bolts J, that fasten the shoes I to the said feet, and

by rivets L, passing through the said uprights and feet. The upper ends of the uprights K are bent to the rearward, and are secured by clips E to the arms of the cross-bars C in the rear of the cross-bars, to which the corresponding standards, D, are secured. The rear and middle cross-bars, C, project upon both sides of the beam A, as shown in Fig. 2, so that the two standards and uprights may be arranged side by side when bedding and ridging land and doing other work that may render such an arrangement advantageous. The forward cross-bar C may project only upon one side of the beam, as shown in Fig. 2, or upon both sides, as may be desired. The arms of the cross-bars C can be strengthened against the draft-strain by braces M, attached at one end to the ends of the said arms and at their other ends to the beam A.

To the opposite sides of the rear part of the beam A are bolted the forward ends of the handles N, which are connected and held in proper relative position by a round, O. The handles N can be strengthened in position by braces P, attached to them and to the beam A, as shown in Figs. 1 and 2. With this construction the standards D and uprights K can be readily adjusted to bring the plows F closer together or farther apart laterally, as the work to be done may require.

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

1. The combination, with the beam A and the bars C, secured thereto, of the plow-standards D, secured to said bars C, and having their lower ends bent rearwardly, and the braces K, secured to the bars, and having their lower ends bent forward and secured to the rearwardly-bent ends of the plow-standards, substantially as herein shown and described.

2. The combination, with the beam A, the cross-bars C, and the braces M, secured to the cross-bars and beam, of the slotted plow-standards D having their lower ends bent rearwardly, the braces K, having their lower ends bent forward over the rearward-bent ends of the plow-standards, and the shoes I, substantially as herein shown and described.

DANIEL M. BARRINGER.

Witnesses:

S. J. McINNIS,
W. E. THOMAS.