E. Haiman,

Plow.

No. 111,055. Patented Jan. 17, 1871.

Fig:1.

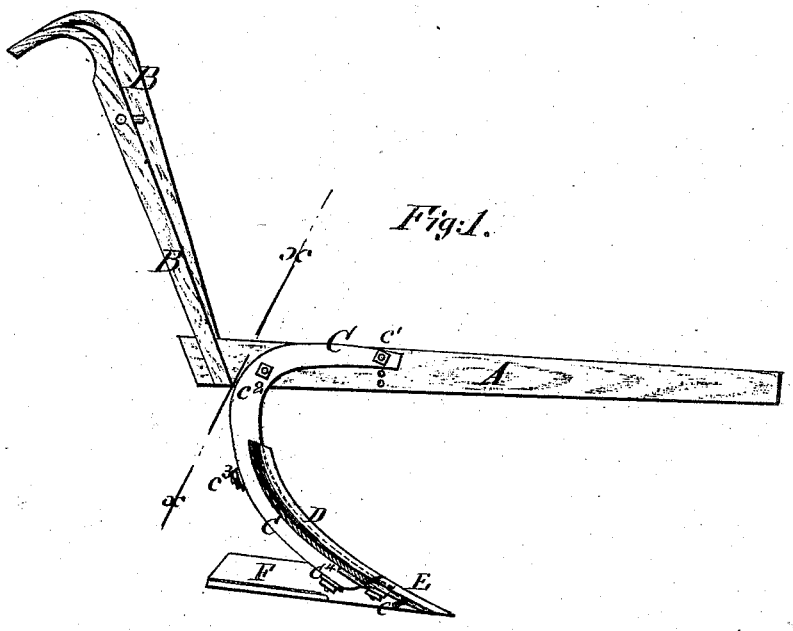
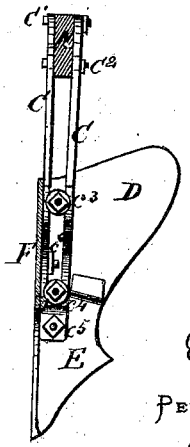


Fig:2.



Witnesses:

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UNITED STATES PATENT OFFICE.

ELIAS HAIMAN, OF COLUMBUS, GEOBGIA, ASSIGNOR TO BLOUNT, HAIMAN & BROTHER.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **111,055**, dated January 17, 1871.

To all whom it may concern:

Be it kn own that I, ELIAS HAIMAN, of Columbus, in the county of Muscogee and State of Georgia, have invented a new and useful Improvement 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 make and use the same, reference being had to the accompanying drawing, forming part of this specification, in which—

Figure 1 is a side view of my improved plow, part of the mold-board being cut away to show the construction. Fig. 2 is a rear view of the same, partly in section, through the line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

This invention relates to improvement in plows, and particularly in the manner of connecting or attaching the point to the slotted standard, in combination with the mold-board and land-side, as hereinafter fully set forth.

A represents the plow-beam, to the rear end of which the handles B are attached. C is the plow-standard, which is made of two parallel iron bars, bent into proper form, and welded together at their lower ends. The upper ends of the bars that form the standard C are placed one upon each side of the beam A, to which they are secured by two bolts, c^1 c^2, the forward bolt, c^1, having several holes formed for its reception through the beam A, so that the upper end of the standard may be raised and lowered, as desired, to adjust the pitch of the plow.

D is the mold-board, which is secured to the standard C by two bolts, c^3 c^4, passing through the said mold-board D, and through the space between the two bars that form the standard C. E is the plow-point, which is made with a flange upon its upper edge, to project beneath the lower edge of the mold-board D, and which is secured to the lower end of the standard C by a bolt, c^5, as shown in Figs. 1 and 2. F is the land-side of the plow, which is secured in place by a bolt, c^6, as shown in Fig. 2.

By this construction the mold-board D, point E, and land-side F may all be conveniently removed to allow a subsoil-plow to be bolted to the standard C.

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

The arrangement of the plow-point E, mold-board D, land-side F, slotted standard C, and screw-bolts c^3 c^4 c^5 c^6, as and for the purpose specified.

ELIAS HAIMAN.

Witnesses:

L. MEYER,

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