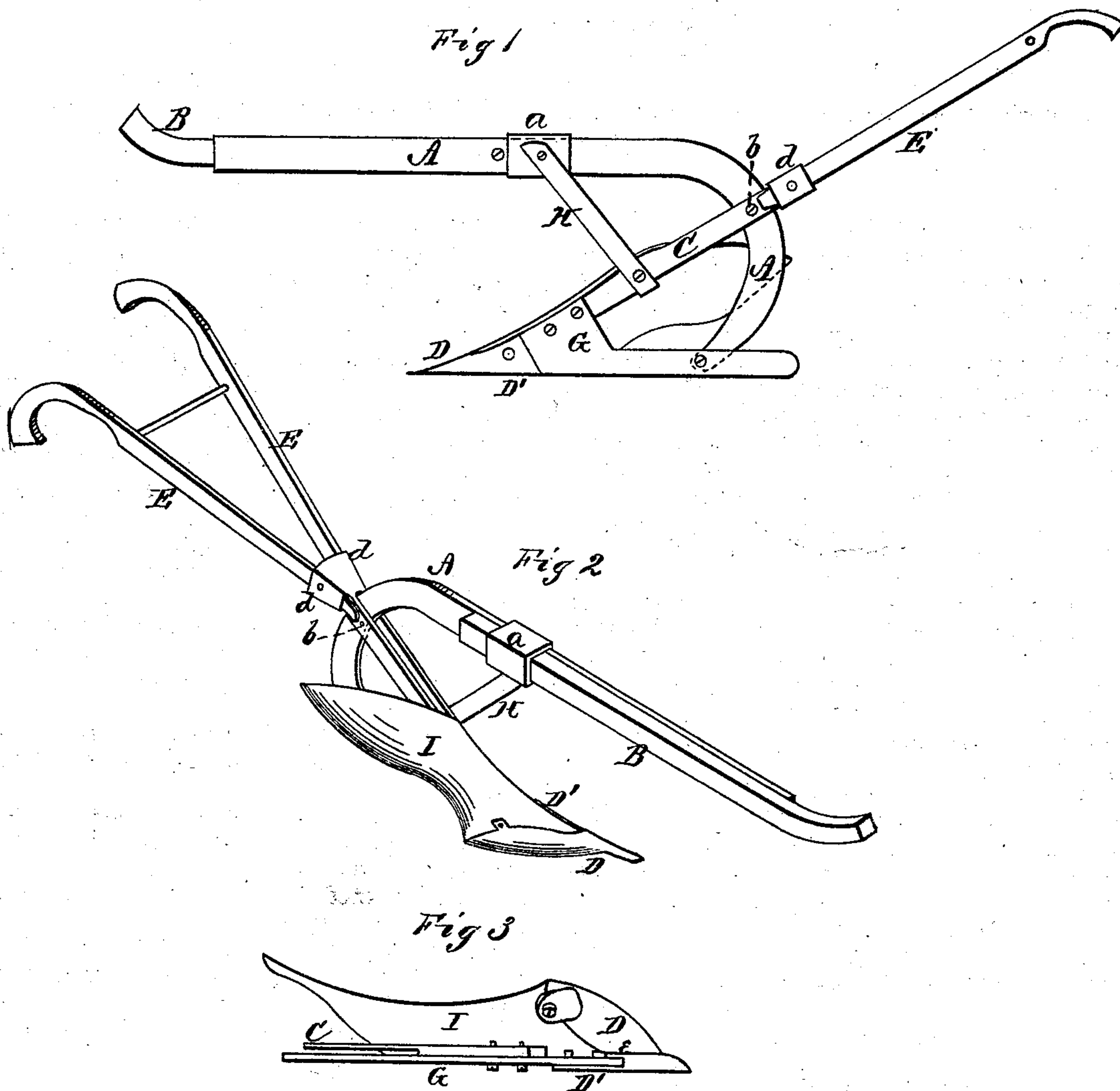


D. L. H. MITCHELL.
Plows.

No. 152,150.

Patented June 16, 1874.



WITNESSES.
A. L. Durand
C. L. Ewert.

By

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UNITED STATES PATENT OFFICE.

DANIEL L. H. MITCHELL, OF FOREST, MISSISSIPPI.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. 152,150, dated June 16, 1874; application filed September 15, 1873.

To all whom it may concern:

Be it known that I, DANIEL L. H. MITCHELL, of Forest, in the county of Scott and in the State of Mississippi, have invented certain new and useful Improvements in Plows; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a plow, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a side view of my plow. Fig. 2 is a perspective view, and Fig. 3 a bottom view, of the same.

A represents a curved metal beam, provided with a socket or pocket, *a*, through which the wooden beam B passes, the two beams being secured together by screws or other suitable means. The rear curved part of the metal beam A passes through a longitudinal slot in the standard C, and is fastened by means of a screw or pin, *b*. The standard C is made perfectly straight, solid at both ends, and a longitudinal slot through the body of the standards. At the upper end of this standard are pockets *d d*, for the insertion of the handles E, which are fastened by a pin or screw pass-

ing through them. H is a brace, connecting the metal beam A with the standard C, as shown in Fig. 2. D represents the plow-point, G the land-side, and I the mold-board. The plow-point D is provided with a bar, D', on the land-side, and secured to the land-side bar G by a key through both bars. The front end of the land-side bar G fits in a groove formed on the plow-point by the bar D' and a flange, *e*, projecting inward from the point. The point is secured to the mold-board by screws or dovetail, and the mold-board and land-side are welded together. The land-side bar G is then secured to the lower ends of the standard C and beam A.

It will be seen that the standard C and handles E E are on a line, and nearly on a straight line with the point, making the plow very easy to manipulate and guide.

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

The combination of the curved metal beam A with pocket *a*, the wooden beam B, slotted standard C, with pockets *d d*, and handles E E, all constructed and arranged substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 7th day of August, 1873.

DANIEL L. H. MITCHELL.

Witnesses:

C. W. PEVEY,
D. M. WIMACK.