

T. E. C. BRINLY.

Plow.

No. 55,999.

Patented July 3, 1866.

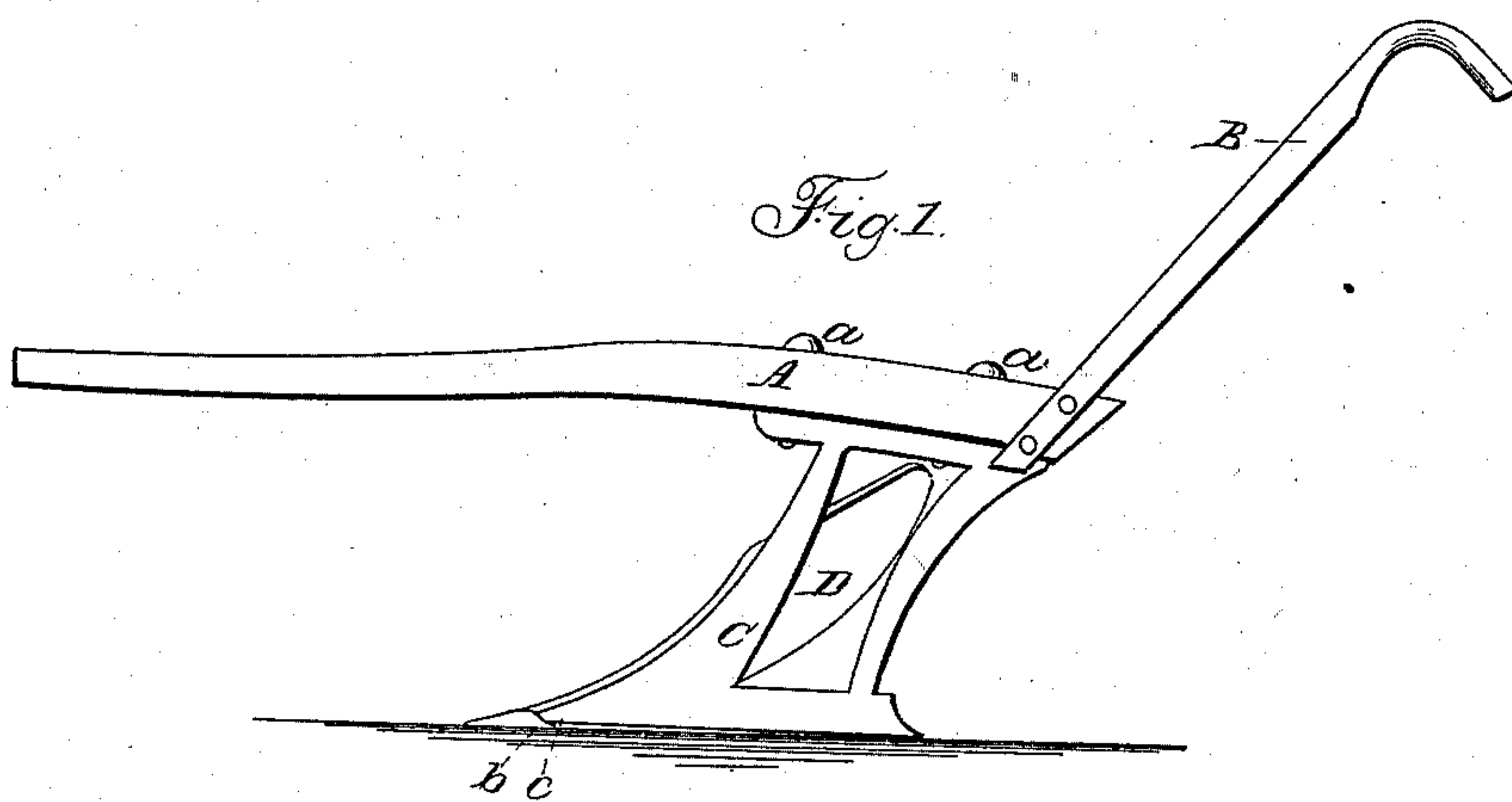


Fig. 2.

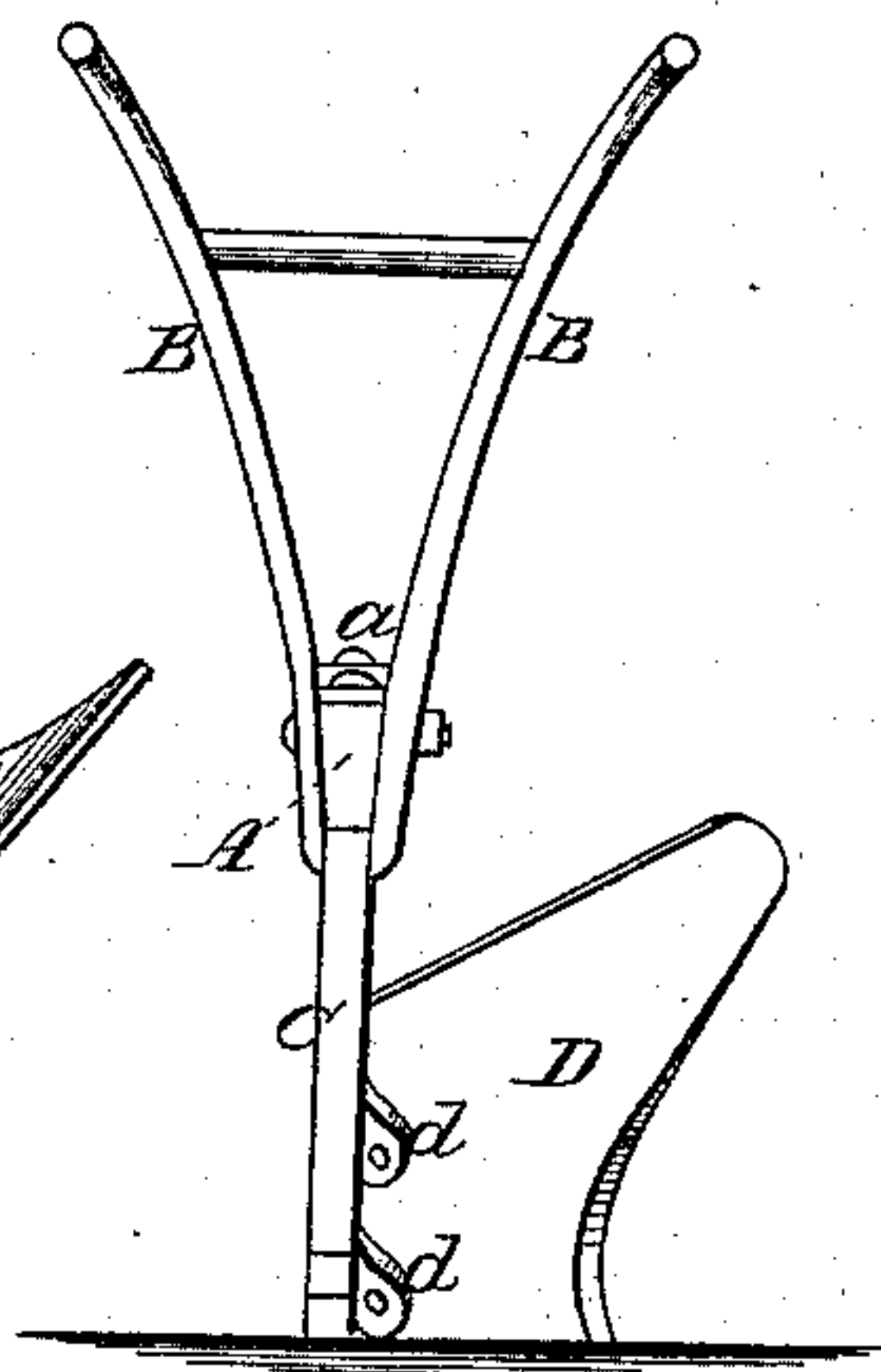
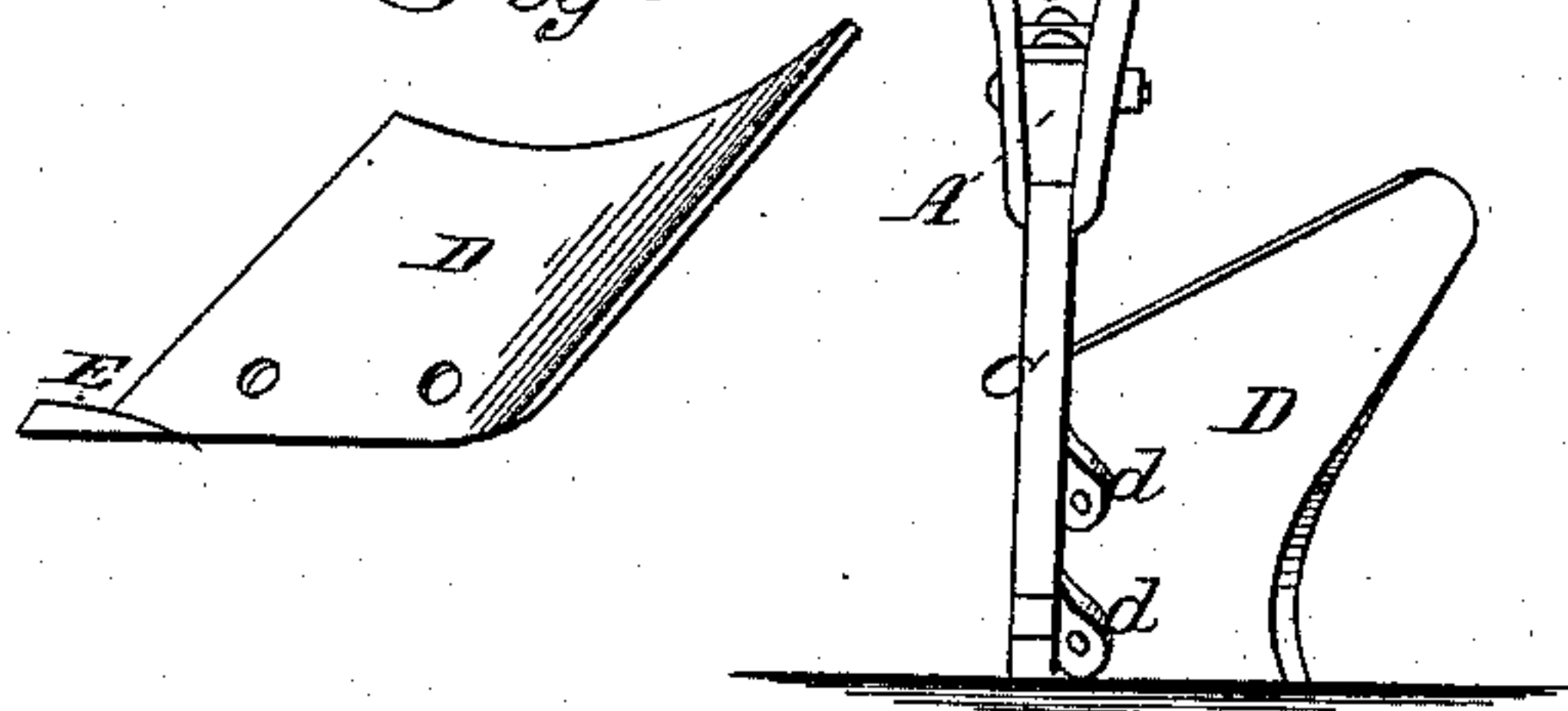


Fig. 3.



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T. E. C. BRINLY, OF LOUISVILLE, KENTUCKY.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. 55,999, dated July 3, 1866.

To all whom it may concern:

Be it known that I, T. E. C. BRINLY, of Louisville, in the county of Jefferson and State of Kentucky, have invented a new and Improved Plow; 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 drawings, forming part of this specification, in which—

Figure 1 is a side view of my invention; Fig. 2, a rear view of the same; Fig. 3, a detached plan or top view of the mold-board pertaining to the same.

Similar letters of reference indicate like parts.

This invention relates to a new and useful improvement in that class of plows which have their mold-boards constructed of steel; and it consists in constructing the mold-board with a point having a hook or shoulder at its under side to fit over the front end of the land-side, as hereinafter fully shown and described, whereby a smooth unbroken surface is obtained at the upper side of the mold-board, and no opportunity allowed for weeds and trash to catch and collect on the point. The construction of the plow is also much simplified.

A represents the plow-beam, and B B the handles thereof. C represents a cast-iron standard and land-side, all cast in one piece, and secured by bolts *a* to the under side of the rear part of the beam A, as shown clearly in Fig. 1.

D is the mold-board, which I construct of steel, and lap-weld or otherwise permanently secure a steel point, E, on its front end. This point E projects in front of the lower end of the mold-board, and the under surface of

said point is formed with a hook or shoulder, *b*, which fits over the front end of the land-side, as shown at *c* in Fig. 1.

The mold-board is bolted to ears or lugs *d*, cast on or with the standard at its inner side, as shown in Fig. 2.

By this arrangement it will be seen that the mold-board has an unbroken upper surface. No share is attached except the one formed or produced by the point E, and hence weeds and trash cannot collect on the point, as is the case when the point forms a joint at the upper surface of the mold-board. I design to have the point raised above the surface of the mold-board to form a rib to strengthen the latter. The hook or shoulder *b* at the under side of the point, fitting over the front end of the land-side, adds greatly to the strength of the plow. A detached point, or one made separately from the mold-board, cannot, of course, be attached to the latter without having a joint at the upper surface of the mold-board, and, besides this advantage, there exists the one of expense in fitting the parts together as well as the liability of the point becoming loose.

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

A plow provided with a point, E, welded, rolled, or otherwise formed or permanently secured to a steel mold-board, with a hook or shoulder, *b*, at its under side to fit over the front end of the land-side of the plow, substantially as herein shown and described.

The above specification of my invention signed by me this 17th day of March, 1866.

T. E. C. BRINLY.

Witnesses:

W. H. JOHNSON,
JOHN WOLPERT.