

J. W. LEWIS.

Plow.

No. 61,075.

Patented Jan. 8 1867.

Fig 1

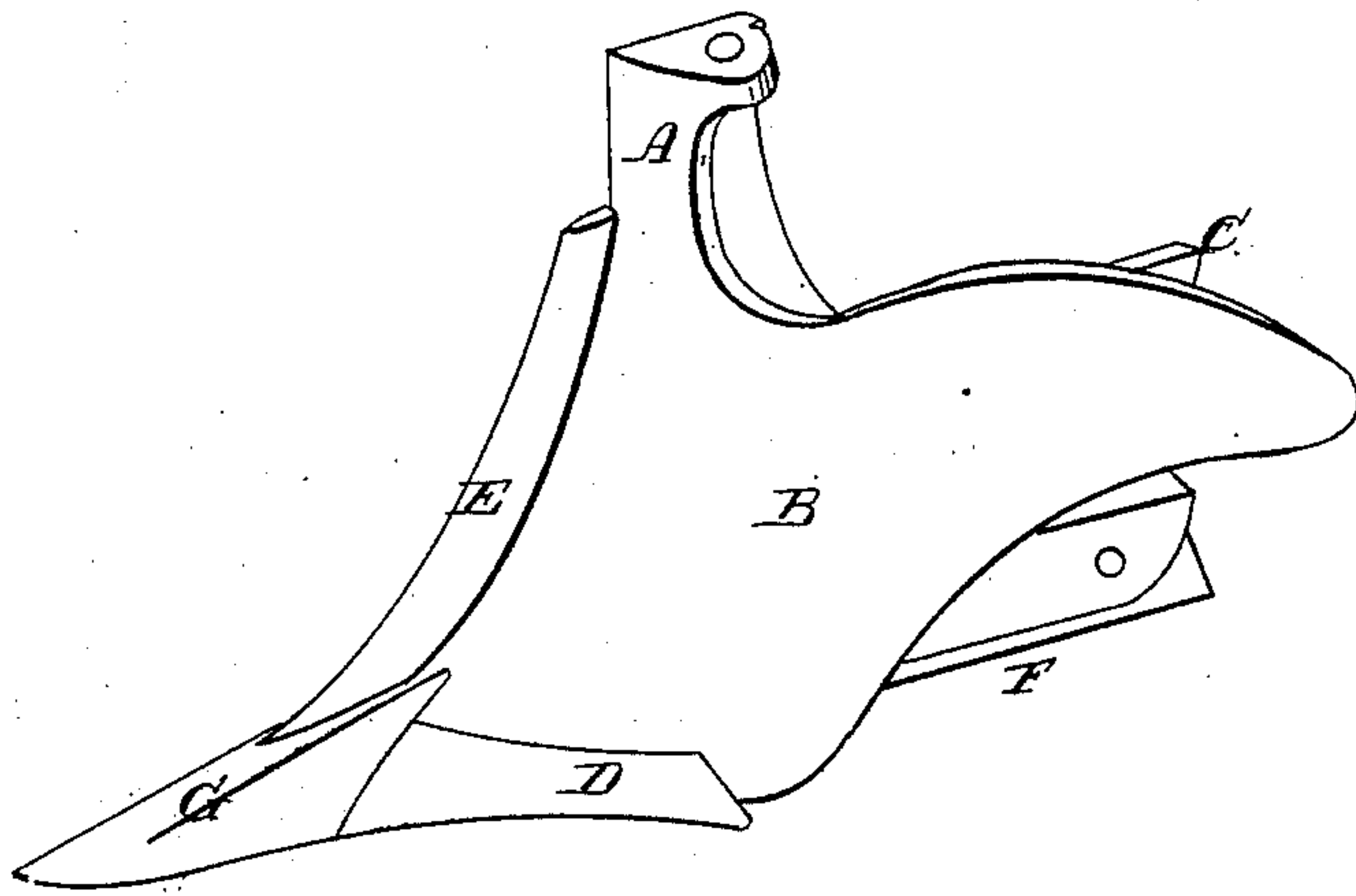


Fig 2

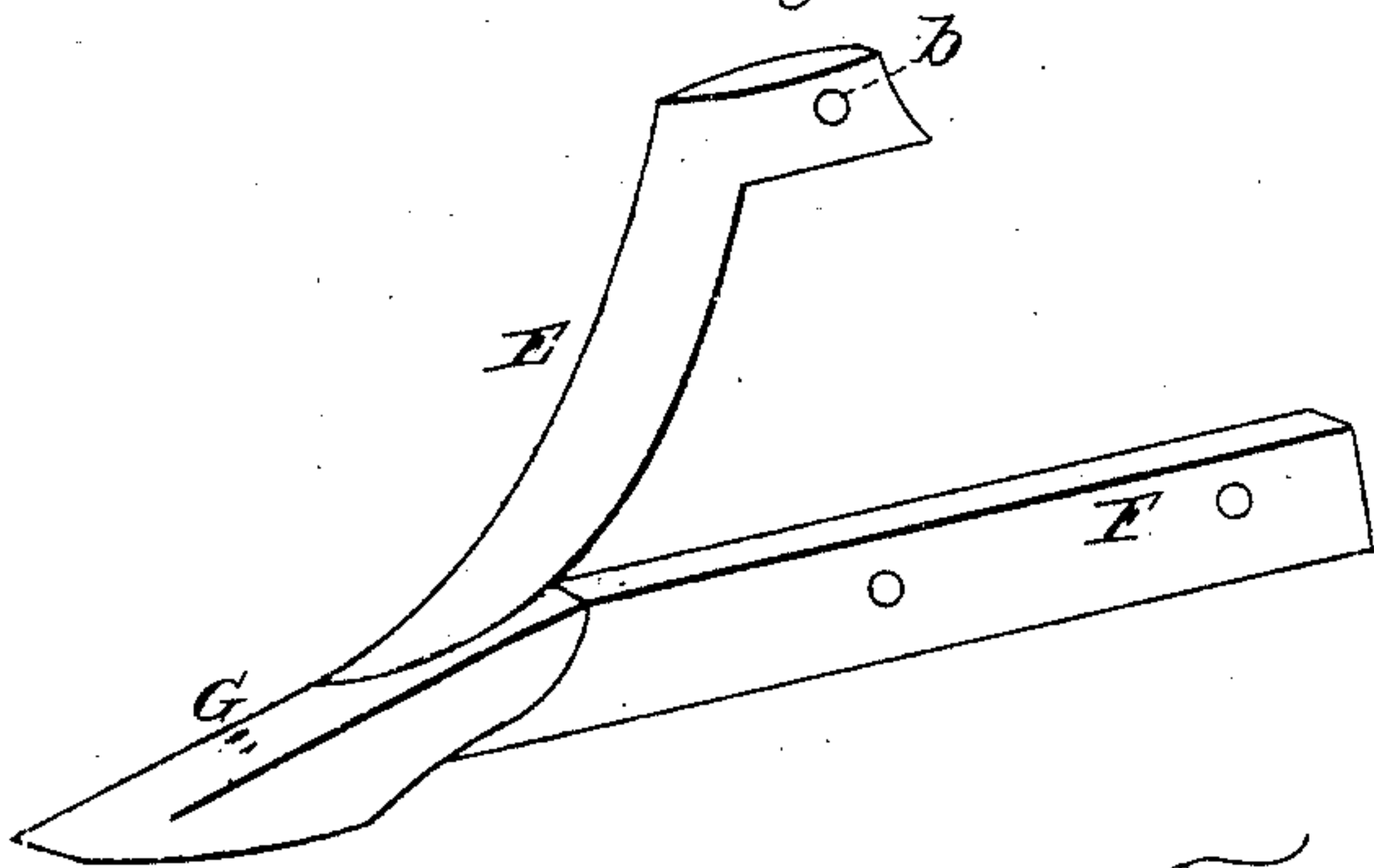


Fig 3.

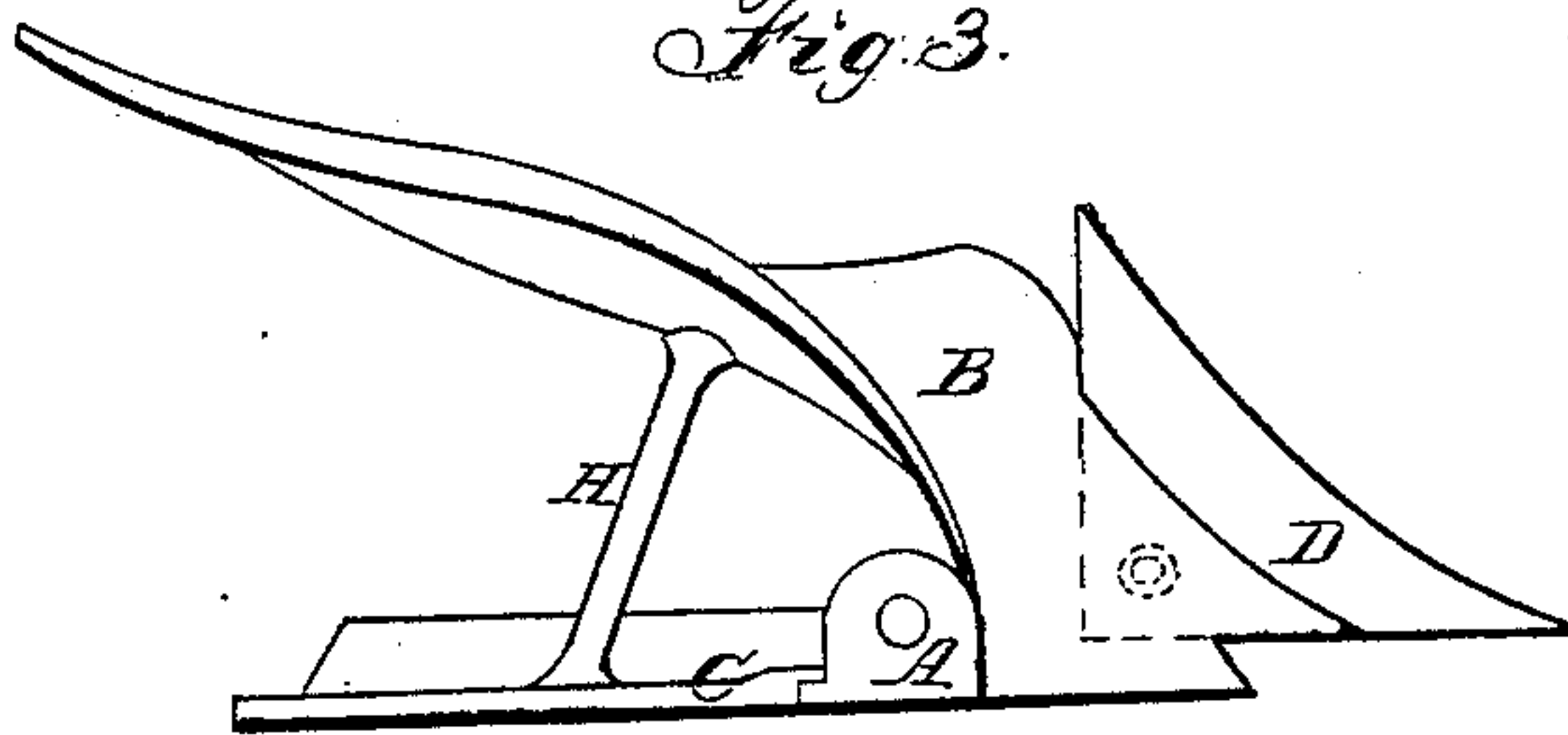
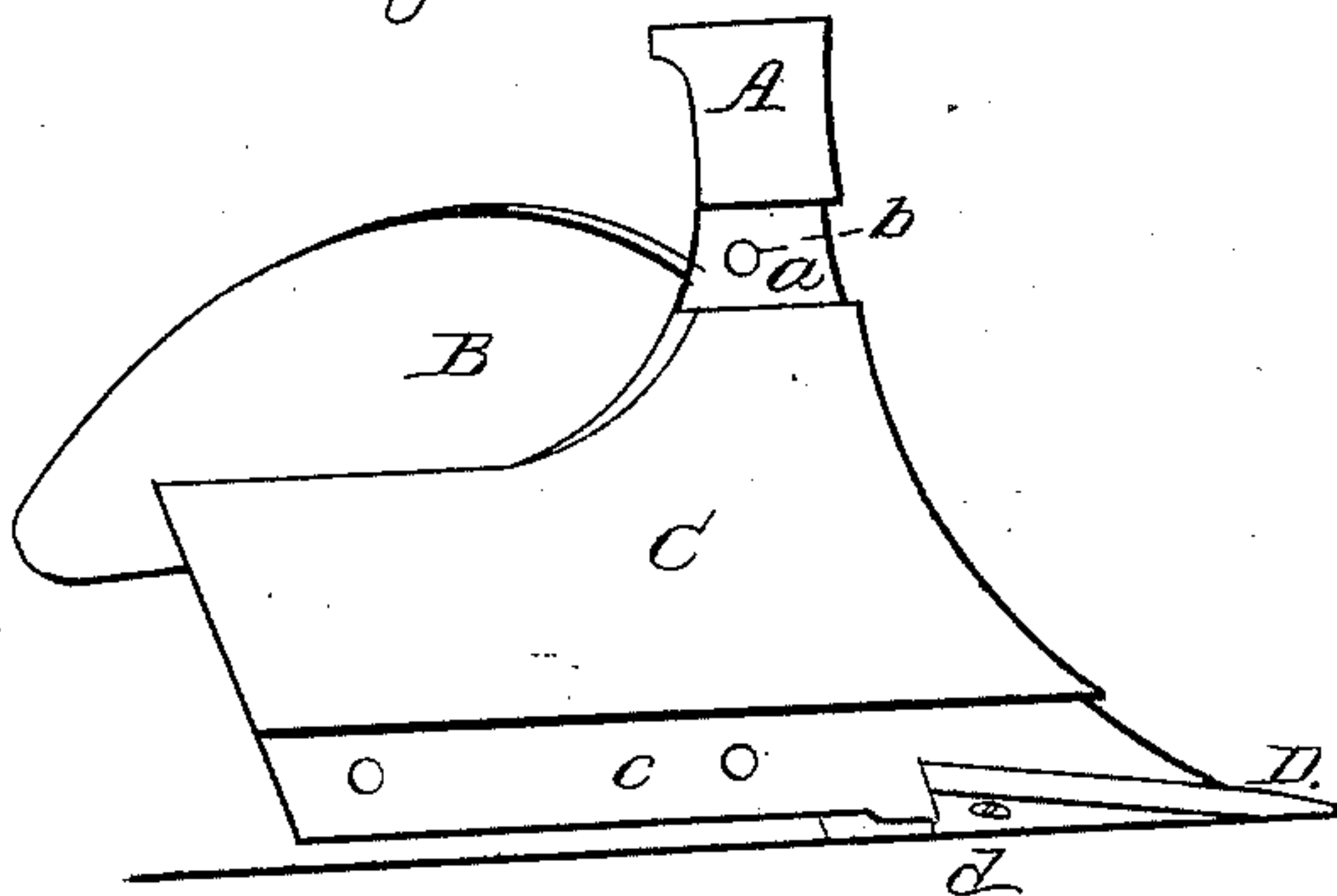


Fig 4



Witnesses

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JOHN W. LEWIS, OF FETTERMAN, WEST VIRGINIA.

Letters Patent No. 61,075, dated January 8, 1867.

IMPROVEMENT IN PLOUGHS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JOHN W. LEWIS, of Fetterman, in the county of Taylor, and State of West Virginia, have invented a new and useful Improvement in Ploughs; and I do hereby declare the following to be a full, clear, and exact description of the same, sufficient to enable one skilled in the art to which the invention appertains to make use of it, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of the plough detached from its beam and handles.

Figure 2 is a perspective view of the cutter-point and sole, or lower edge of landside, detached from the cast-iron sheth, mould-board, and landside.

Figure 3 is a top view of the plough minus the portions shown in fig. 2.

Figure 4 is an elevation of the portion shown in fig. 3.

In this improvement the sheth, landside, and mould-board are cast in one piece, with suitable faces for attaching the share, the point, the coulter, and the sole or lower edge of the landside. The wrought share is made reversible so as to bring either salient corner to act as a wing, and is bolted or screwed to the lower end of that portion of the casting which may represent the sheth. The coulter, point, and sole are wrought in one piece, the coulter being fished into a groove in the side of the sheth, the point socketed on the end of the sheth, and the sole fitting a rebate on the lower edge of the cast landside. The whole is suitably stocked, but the drawings show only the castings and forgings involved in the invention.

In the drawings, A is the sheth, B the mould-board, C the landside; D is the reversible share, fastened by screw *d* to the casting; the bolt-hole at the upper end of the sheth is provided for the passage of the bolt which secures the casting to the beam. E is the cutter which occupies the groove *a*, in the side of the sheth, the hole *b* affording the means of securing it in position by a bolt. The sole F is likewise bolted in the rebate *c*, the point G protruding in front, supported in the rear by the lower point of the sheth, and overlapping the one end of the share. The rod H forms a support or brace between the mould-board and landside.

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

The combination with the casting A B C, forming the sheth, mould-board, and landside, of the separate reversible share, and the wrought portion E G F, forming the cutter, point, and sole, the whole substantially as described and represented.

To the above specification of my improvement in ploughs I have set my hand this 21st day of July, 1866.

JOHN W. LEWIS.

Witnesses:

B. F. LATHAM,

J. H. MILLER.