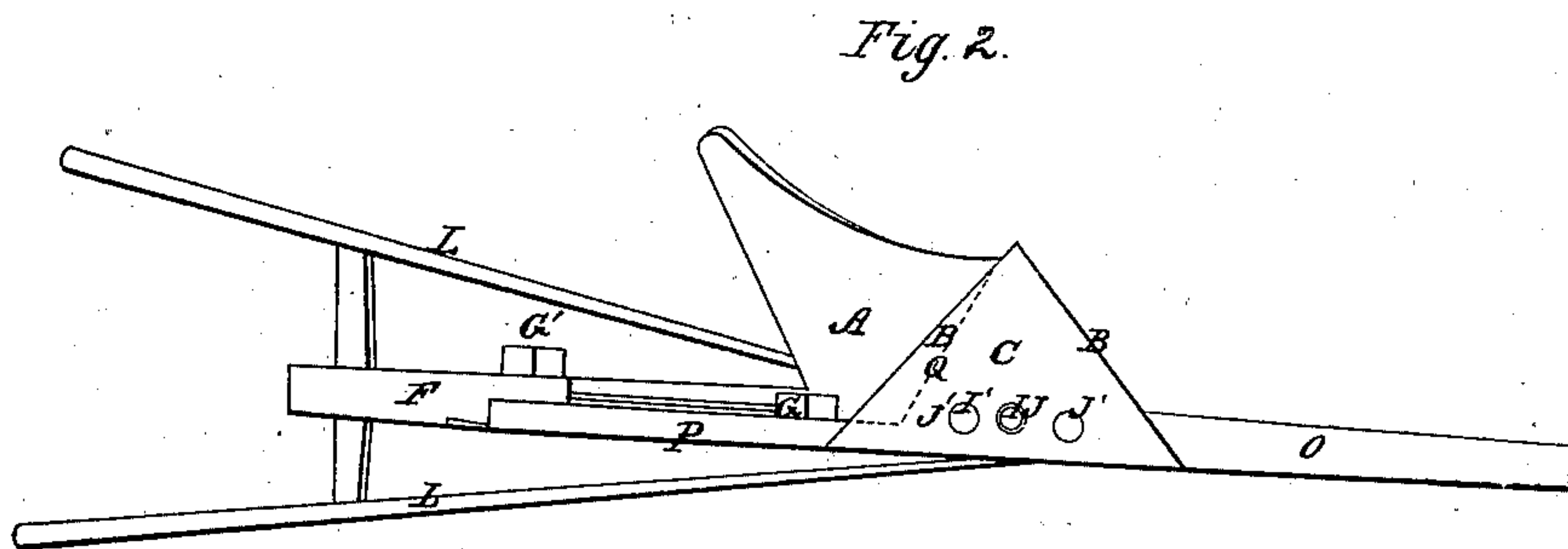
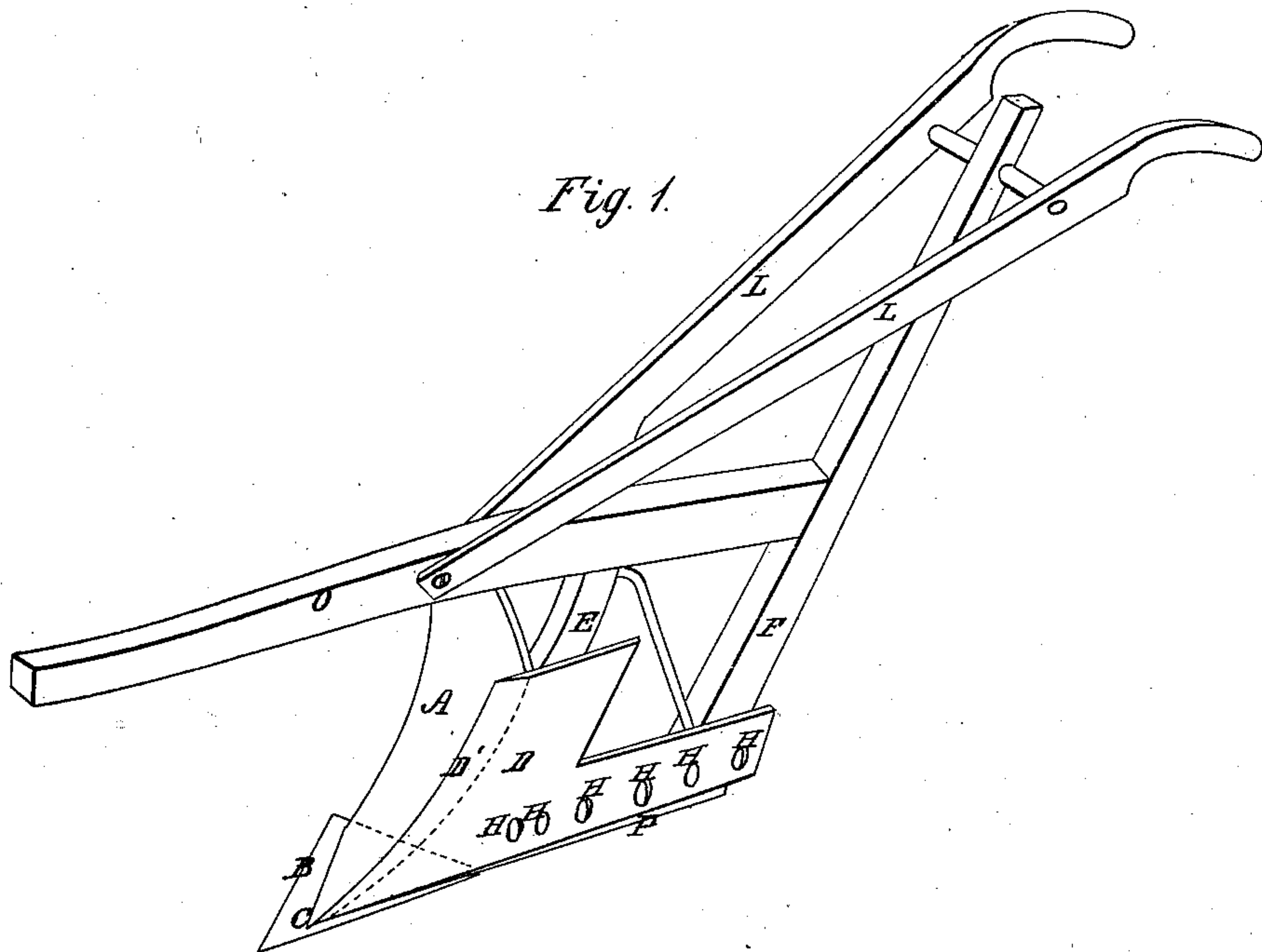


*J. A. Stewart*

*Plow Point*

*N<sup>o</sup> 30,263.*

*Patented Oct. 2, 1860.*



*Witnesses:*  
*Gerrit Y. Albee*  
*J. P. Dutcher*

*Inventor:*  
*John A. Stewart*  
*by Munn & Co*  
*Attorneys*

# UNITED STATES PATENT OFFICE.

JOHN A. STEWART, OF PHILADELPHIA, MISSISSIPPI.

## IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. 30,263, dated October 2, 1860.

*To all whom it may concern:*

Be it known that I, JOHN A. STEWART, of Philadelphia, in the county of Neshoba and State of Mississippi, have invented a new and useful Improvement in Seed-Planters; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 represents a perspective view, and Fig. 2 a bottom view, of the plow.

Similar letters of reference in each of the several figures indicate corresponding parts.

The nature of my invention consists in the arrangement of an adjustable triangular point, perforated, cutter and landside, also perforated and adjustable, and the mold-board of a plow.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

The mold-board A of this plow is made with a standard, E, and landside-arm P. The upper end of the standard is bolted to the beam O in the usual manner, and the rear end of the arm P is secured to the lower end of the part F of the plow-frame by means of a bolt, G'. A flange, Q, extends from the bottom edge of the mold-board to the arm P. A short pin, I, projects from the bottom surface of said flange. A triangular point, C, provided with three holes, J' J J', is placed against the under side of said flange, so that the pin I will fit into the central hole, J. A bolt, I', passing through a hole in the flange and one of the holes J', serves to secure the point in place.

It will be seen that the point is made with two cutting-edges, B B, and by unscrewing and removing bolt I' the point C can be taken off

and reversed. The pin I can then be reinserted into hole J and the bolt I' be passed through the hole in the flange and the other hole, J'. In this manner the point can be reversed, and thus when one of the cutting-edges B B has been worn out or become dull the other one can be brought into action.

The shank of the bolt G' and the shank of a bolt, G, near the standard, pass through suitable holes in the arm P, and through two of a series of holes, H, in the landside D. In this manner the landside D is secured in place, and it may be adjusted more or less forward by means of unscrewing the bolts G G' and passing them through any other two of the holes H. By thus adjusting the landside its cutting-edge D', when worn off or reduced by sharpening, can always be placed in proper position in relation to the mold-board and point of the plow.

This plow will be found to prove serviceable for a much longer period than any other similar implement.

What I claim as my invention, and desire to secure by Letters Patent, is—

The arrangement of an adjustable triangular point, C, perforated at J' J J', cutter and landside D, also perforated and adjustable, and mold-board A of a plow, the whole constructed substantially as and for the purposes set forth.

The above specification of my improvement in seed-planters signed by me this 13th day of July, 1860.

JOHN A. STEWART.

Witnesses:

CALVIN McCARTY,  
JOHN S. GRACE.