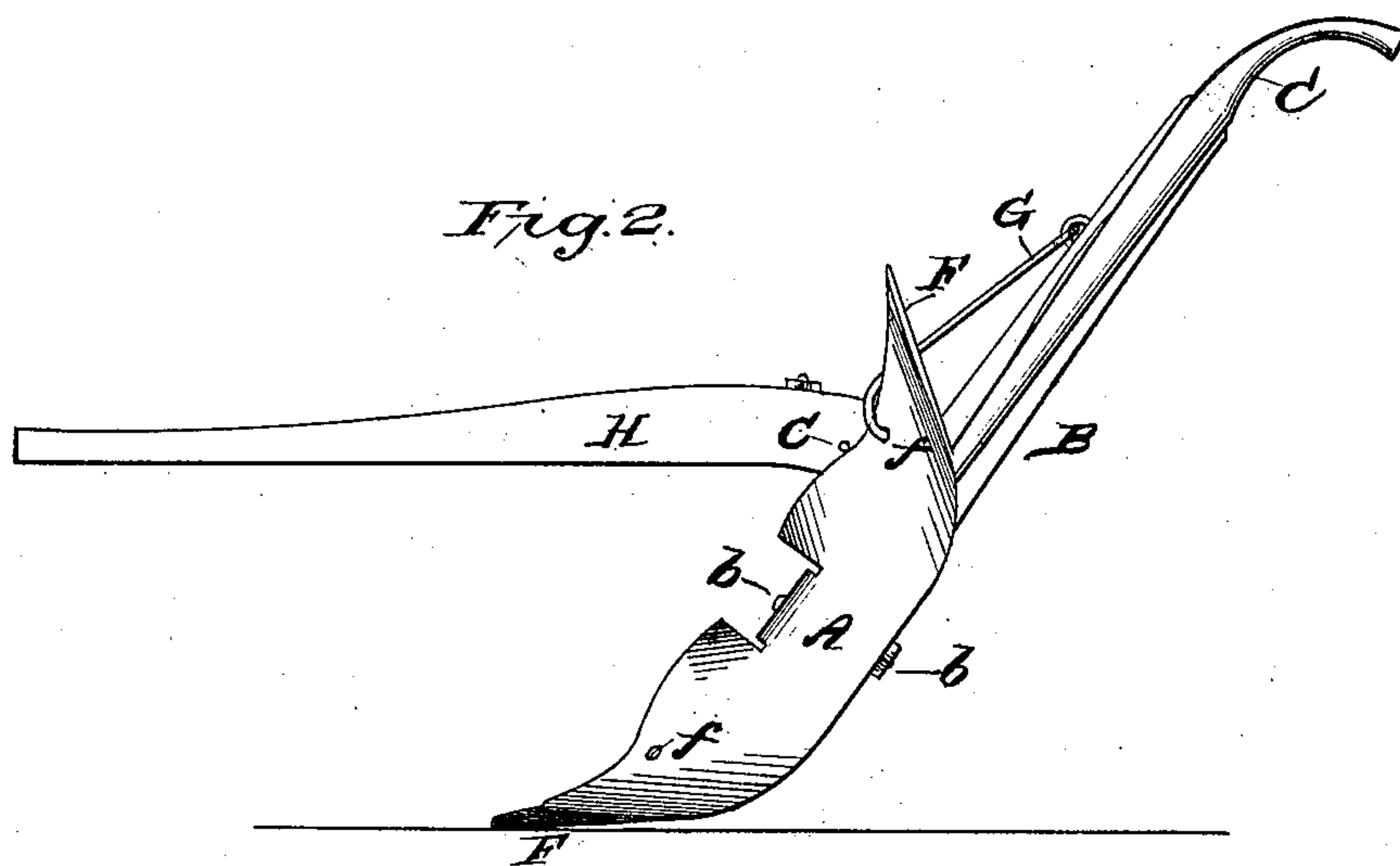
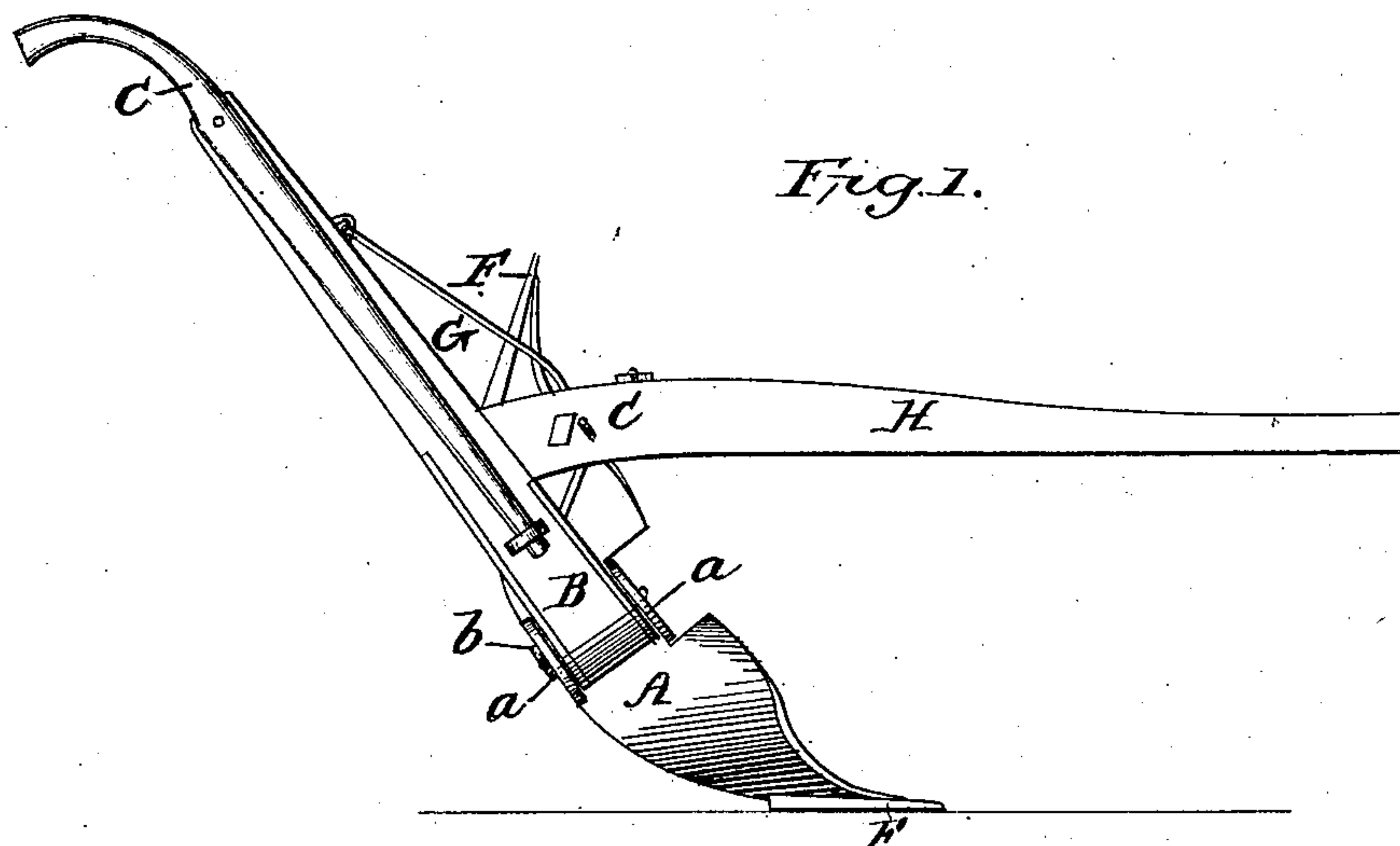


L. E. WILSON & J. E. McCANLES.  
Side-Hill Plow.

No. 207,468.

Patented Aug. 27, 1878.



Attest:  
D. P. Cowl  
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Atto.

# UNITED STATES PATENT OFFICE.

L. ERWIN WILSON AND JAMES E. McCANLES, OF BURNSVILLE, N. C.

## IMPROVEMENT IN SIDE-HILL PLOWS.

Specification forming part of Letters Patent No. **207,468**, dated August 27, 1878; application filed May 7, 1878.

*To all whom it may concern:*

Be it known that we, L. E. WILSON and JAMES E. McCANLES, of Burnsville, in the county of Yancey and State of North Carolina, have invented certain new and useful Improvements in Hill-Side Plows; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

Our invention relates to the construction of a hill-side plow with a reversible double mold-board, which is pivoted to the plow-foot, and also to other details of construction, which will be hereinafter fully set forth.

Referring to the drawings, Figure 1 is an elevation of one side of our improved plow. Fig. 2 is a like view of the opposite side.

B is the standard-foot, C the handles, and H the beam, all of which are of the ordinary construction. A is the mold-board, which is made double, as shown in the drawings, and is provided at each end with the points or colters F F. This mold-board is provided near its central portion with the lugs or flanges *a a*, which may be formed integral with it, as shown, or they may be made of separate pieces, and attached in any suitable manner. The standard or foot B is strengthened at its lower end by straps of metal bolted on its sides, and is provided with an aperture through it for the reception of the bolt *b*. The lugs or flanges on the mold-board are also perforated for the same purpose. The mold-board is made double, so that one of its points will be above the beam and the other adapted for use underneath it. It is also provided with the lugs *a a*. The bolt *b* is passed through the apertures in the lugs or flanges, and also in the foot B, and secured by a nut or any other well-known means, thus pivoting the mold-board to the foot or standard B. A

hook, G, is attached to the upper end of the foot, and it engages with apertures *f f*, made in the mold-board at either end, thus securing it firmly when adjusted for use. The beam H is also provided with stops *c c* on each side, which assist in holding the mold-board in position and partially relieve the hook G from strain. The foot and beam are bolted in the usual manner to strengthen the parts.

By the above-described construction it will be seen that the double mold-board, pivoted to the foot, as shown, may be readily adjusted to either side of the beam, as may be desired, to adapt it to the ground to be plowed, by simply releasing the hook and rotating the mold-board to the opposite side of the beam. It will be evident that one of the points will be brought into a position for use when adjusted on one side of the beam, and the other point when it is adjusted on the opposite side. Should it be found desirable, additional holes may be made in the mold-board to receive the end of the hook G, so that the points may be adjusted at any desired angle to the beam.

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

1. The double reversible mold-board A, formed of one piece of metal, provided with the central lugs, *a a*, arranged to clasp the standard and allow the mold-board to swing under it upon the bolt *b*, substantially as shown and described.

2. The combination of the mold-board A, having lugs *a*, standard B, hook G, beam H, and stops C, as shown and described.

In testimony that we claim the foregoing as our own we affix our signatures in presence of two witnesses.

L. E. WILSON.  
J. E. McCANLES.

Witnesses:

JNO. GUDGER,  
S. B. BRIGGS.