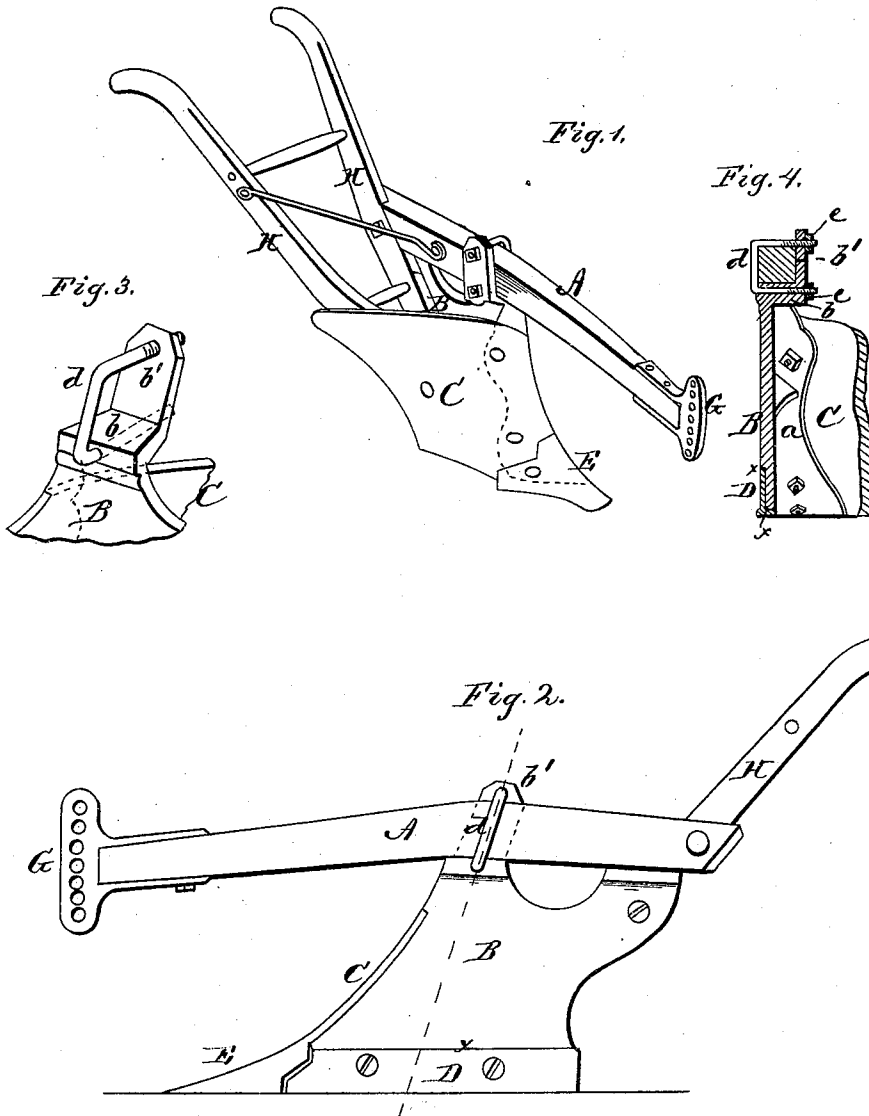


M. D. WALSH.
Plows.

No. 150,207.

Patented April 28, 1874.



WITNESSES

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By

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UNITED STATES PATENT OFFICE.

MICHAEL D. WALSH, OF RICHMOND, VIRGINIA.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **150,207**, dated April 28, 1874; application filed October 3, 1873.

To all whom it may concern:

Be it known that I, MICHAEL DIXON WALSH, of Richmond, in the county of Henrico and in the State of Virginia, 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 the standard and land-side of a plow, with the mode of connecting the standard and plow-beam, 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 perspective view of a plow embodying my invention. Fig. 2 is an enlarged side elevation of the same. Fig. 3 is a perspective view, showing the connection between the standard and plow-beam; and Fig. 4 is a transverse vertical section through the plow-beam, standard, and land-side.

A represents the plow-beam; B, the standard; C, the mold-board; D, the land-side, and E the point or share. G is the clevis attached to the front end of the plow-beam, and H H are the handles. The standard B is formed of a plate suitably curved at its front edge, and provided with a flange, *a*, to which the mold-board C is bolted. The land-side D is bolted

along the lower edge of the plate B, they being joined together with shoulders *x x*, as shown in Fig. 4. The standard or plate B has, at its upper end or edge, an extension, *b*, projecting horizontally toward the mold-board side, and from the end of this extension *b* a piece, *b'*, extends vertically upward, the whole forming a knee made in one piece with the standard. Upon this knee the plow-beam A rests and is secured by clamp or staple *d*, one end of which passes through the horizontal part *b*, and the other end over the beam through the end of the vertical part *b'*, and nuts *e e* screwed on the ends securely fasten the beam to the knee.

By this construction the operator can see from the handle on the left-hand side without any obstruction, the left side of the beam being on a line with the standard and land-side.

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

The standard B, having the L-shaped knee *b b'* formed upon its upper front portion, on and against which the beam A is clamped by the angular screw-rod *d*, the rear end of said beam resting upon the rear top portion of said standard, all substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 11th day of September, 1873.

MICHAEL DIXON WALSH.

Witnesses:

JAMES L. CAPSTON,
JAS. MACDOUGALL.