T. MEIKLE.
Plow-Colter.

No. 210,047. Patented Nov. 19, 1878.

Fig. 1.

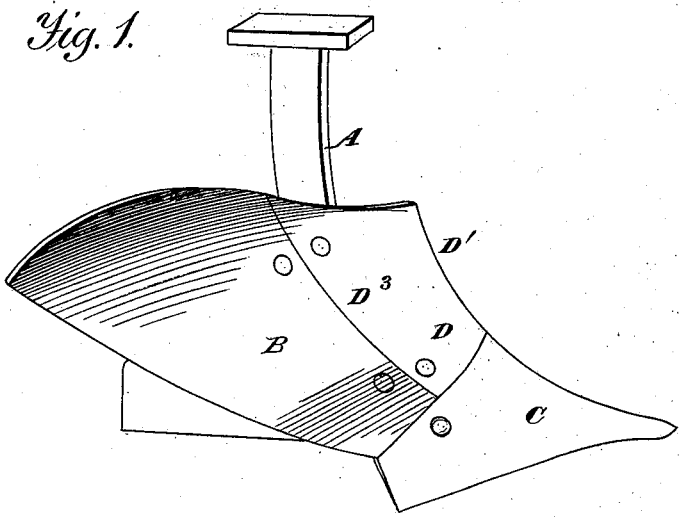


Fig. 2.

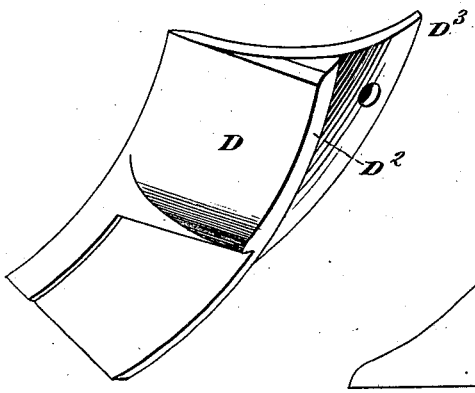
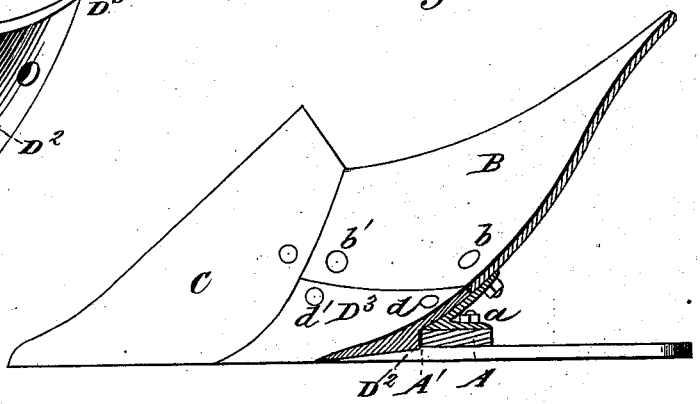


Fig. 3.



Witnesses.
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UNITED STATES PATENT OFFICE.

THOMAS MEIKLE, OF LOUISVILLE, KENTUCKY.

IMPROVEMENT IN PLOW-COLTERS.

Specification forming part of Letters Patent No. **210,047**, dated November 19, 1878; application filed October 21, 1878.

To all whom it may concern:

Be it known that I, THOMAS MEIKLE, of Louisville, in the county of Jefferson and State of Kentucky, have invented certain new and useful Improvements in Colters of Plows; 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 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.

Figure 1 is a perspective view of my invention in connection with a plow. Fig. 2 is a horizontal section of the same. Fig. 3 is a perspective view of my invention.

The same figures are employed to refer to identical parts in these drawings.

My invention relates to plows; and it consists in a colter or cutter so constructed as to be attached to the frog of a plow in connection with the mold-board.

A is the standard of a plow. B is the mold-board. C is the point. D is my invention, represented in its position in the plow at Fig. 1.

This colter is constructed substantially as represented, and is so formed as to present a thin, sharp, strong cutting-edge, and at its rear part abuts or shoulders by a flange or projection firmly against the standard of the plow, and, extending rearward on the mold-board side of the plow, overlaps a portion of the frog of the plow, and is secured to the same by means of bolts.

The colter D is made of cast-steel or other suitable metal, and at D^1 presents a long, thin, sharp, and strong cutting-edge, which extends from the point of the plow to the top of the mold-board.

At D^2 there is a flange-formed projection engaging the plow-standard at A′, which provides for a firm seat for the colter, and the colter therefrom extends rearward over the frog of the plow, and is attached to the frog by the bolts *d* and *d′*.

The frog is attached to the standard, as is commonly done, by the bolts *a*, and the mold-board is attached to the frog by the bolts *b* and *b′* and properly jointed to the colter.

I am aware that colters of plows have been so constructed as to rest against the standard of the plow, and to be attached, some to its land-side and others to its mold-board side; but

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

The colter D, constructed with the shoulder D^2 engaging the standard, and the flange D^3, extending rearward over the frog on the mold-board side of the plow, perforated with holes for the bolts *d* and *d′* for attaching it to the frog, in combination with the standard and frog of the plow, and so constructed as to form proper joints and inclinations with the point and mold-board, as and for the purposes substantially as set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

THOS. MEIKLE.

Witnesses:

J. SPEED PEAY,

WM. H. WATTS.