T. MEIKLE & B. COLEMAN.

Plow.

No. 214,259. Patented April 15, 1879.

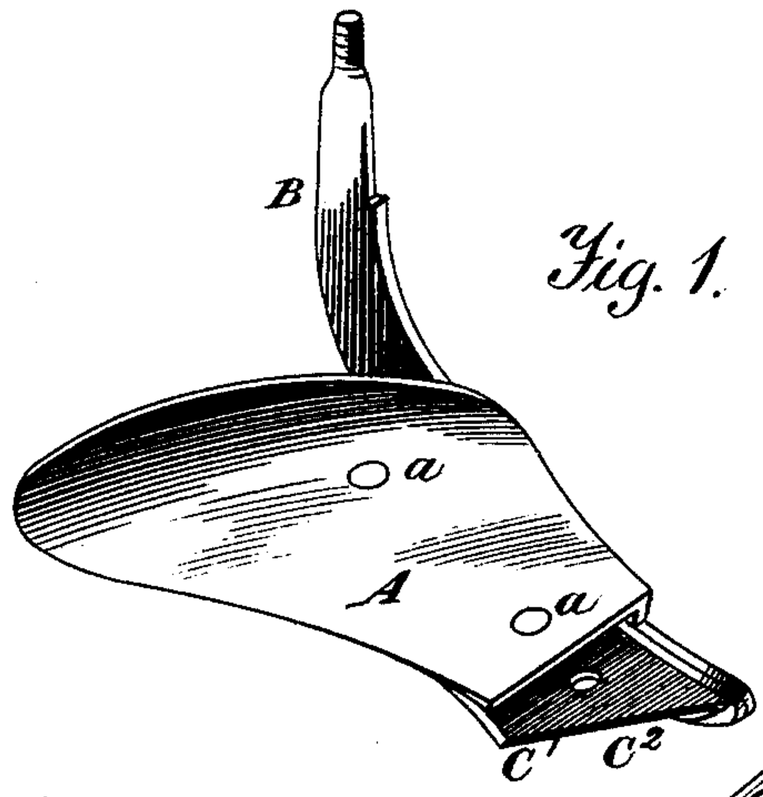


Fig. 1.

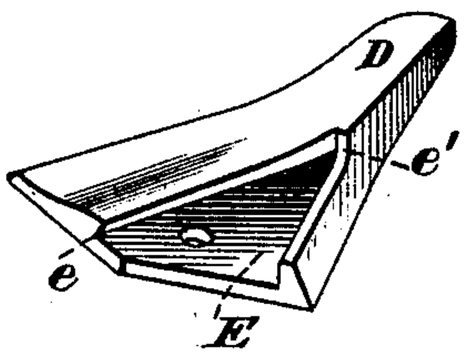


Fig. 4

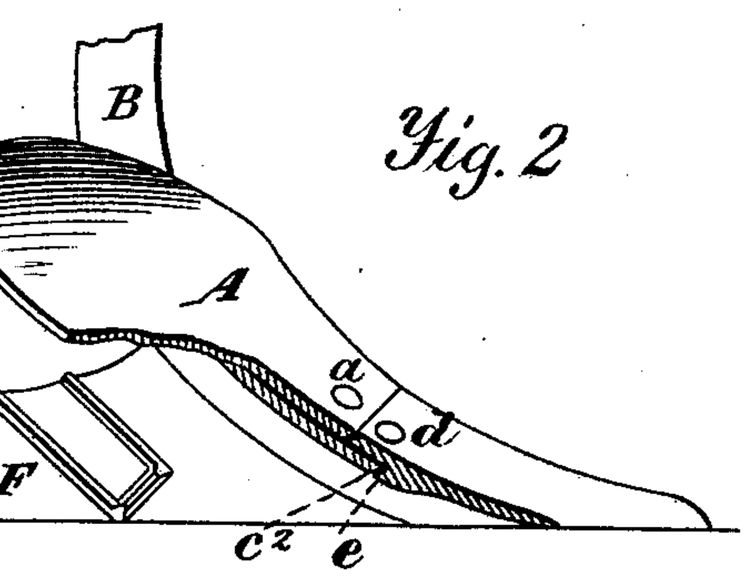
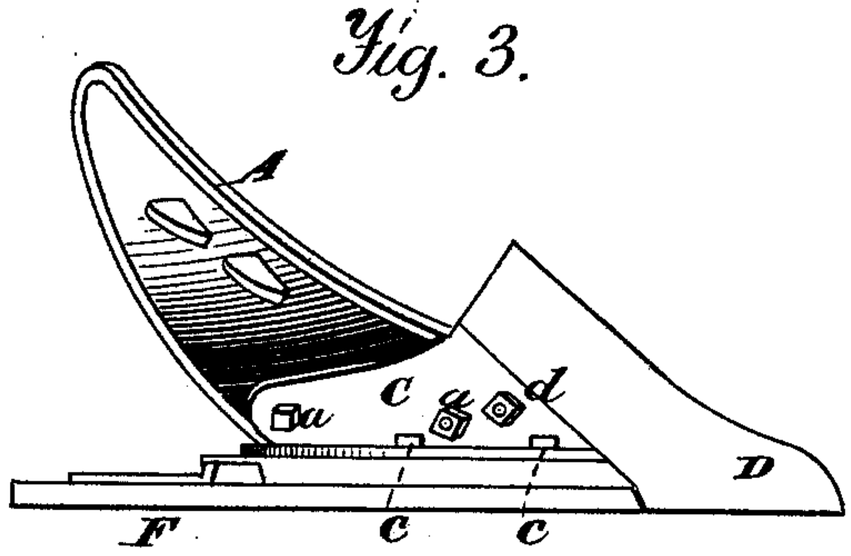


Fig. 2

Fig. 3.



Witnesses.

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UNITED STATES PATENT OFFICE.

THOMAS MEIKLE AND BARRY COLEMAN, OF LOUISVILLE, KENTUCKY.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **214,259**, dated April 15, 1879; application filed February 10, 1879.

To all whom it may concern:

Be it known that we, THOMAS MEIKLE and BARRY COLEMAN, of Louisville, in the county of Jefferson and State of Kentucky, have invented certain new and useful Improvements in Plows; and we do hereby declare that the following is a full, clear, and exact description of the invention, 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 a plow representing our invention. Fig. 2 is an elevation, partly in section, representing our invention. Fig. 3 is a bottom view of a plow representing our invention. Fig. 4 is a bottom view of a plow-point, in perspective, representing, in part, our invention.

Identical parts in the drawings are designated and referred to by the same letters.

Our invention relates to plows; and it consists in a plow-point recessed upon its under side to receive the forward parts of the land-side, standard, and plow-frog, which recess is dovetailed upon the mold-board side to receive the forward portion of the frog, as will hereinafter more fully appear.

A is the mold-board of a plow, which is secured to the standard B by being bolted to the frog C, which is attached to the standard by the bolts *c*. D is the plow-point, which has a triangular formed recess, E, upon its under side. The wall *e* of this recess is inclined inward, so as to form a dovetail with the inclined forward edge c^2 of the frog when the point is in position.

The forward mold-board flange of the frog extends forward to the point of the land-side F, and is sufficiently broad to afford proper support for the point. The standard also extends forward to the point of the land-side, and the three parts, the land-side, the standard, and the frog, all enter and are retained by the socket or angle e' of the recess E of the point D.

The bolts *a a* attach the mold-board to the frog, and the bolt *d* attaches the point to the frog.

We are aware that heretofore plow-points have been made with lugs extending under the mold-board to assist in retaining it in position, and similar devices for uniting plow-points and mold-boards of plows; but our invention differs from all of these in that we attach our point direct to the plow-frog, standard, and land-side of the plow by means of one bolt and a dovetailed recess in the bottom part of the point, thus adding strength and providing a simpler construction for a plow.

We are also aware that mold-boards have been attached to flanges of the plow-standards by lugs and locking devices, and that points have been attached to the plow by the same devices, hooking over the toe of the standard; also, that sockets have been located at the outer under projecting corner of the standard-flange or mold-board.

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

The plow-point D, provided with a recess, E, having an inclined wall, *e*, and socket e', in combination with the land-side F, the standard B, the frog C, provided with the inclined edge c^2 and the mold-board A, the land-side, standard, and frog extending forward, as shown, so as to enter and be retained in the socket e' of the recess, substantially as set forth.

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

THOS. MEIKLE.
BARRY COLEMAN.

Witnesses:
C. J. AMISS,
JOHN D. O'LEARY.