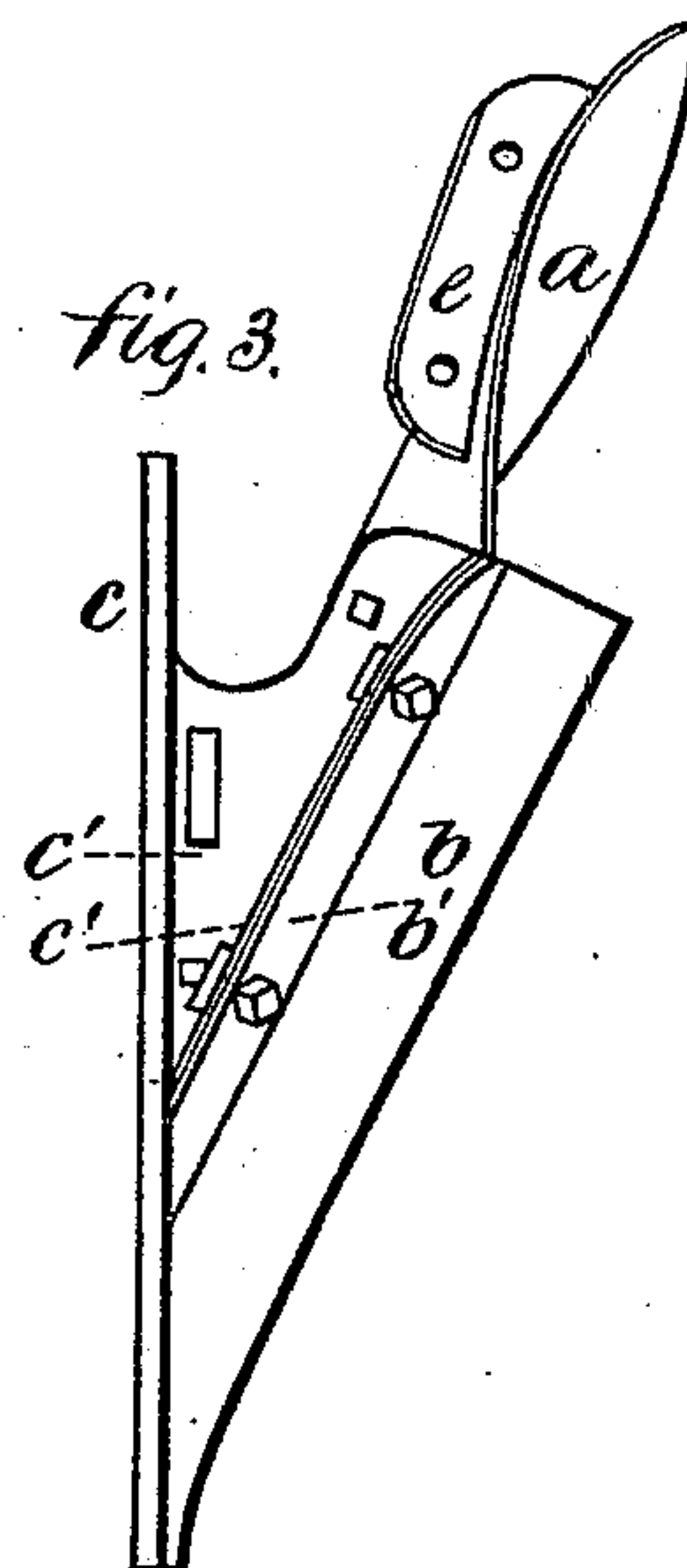
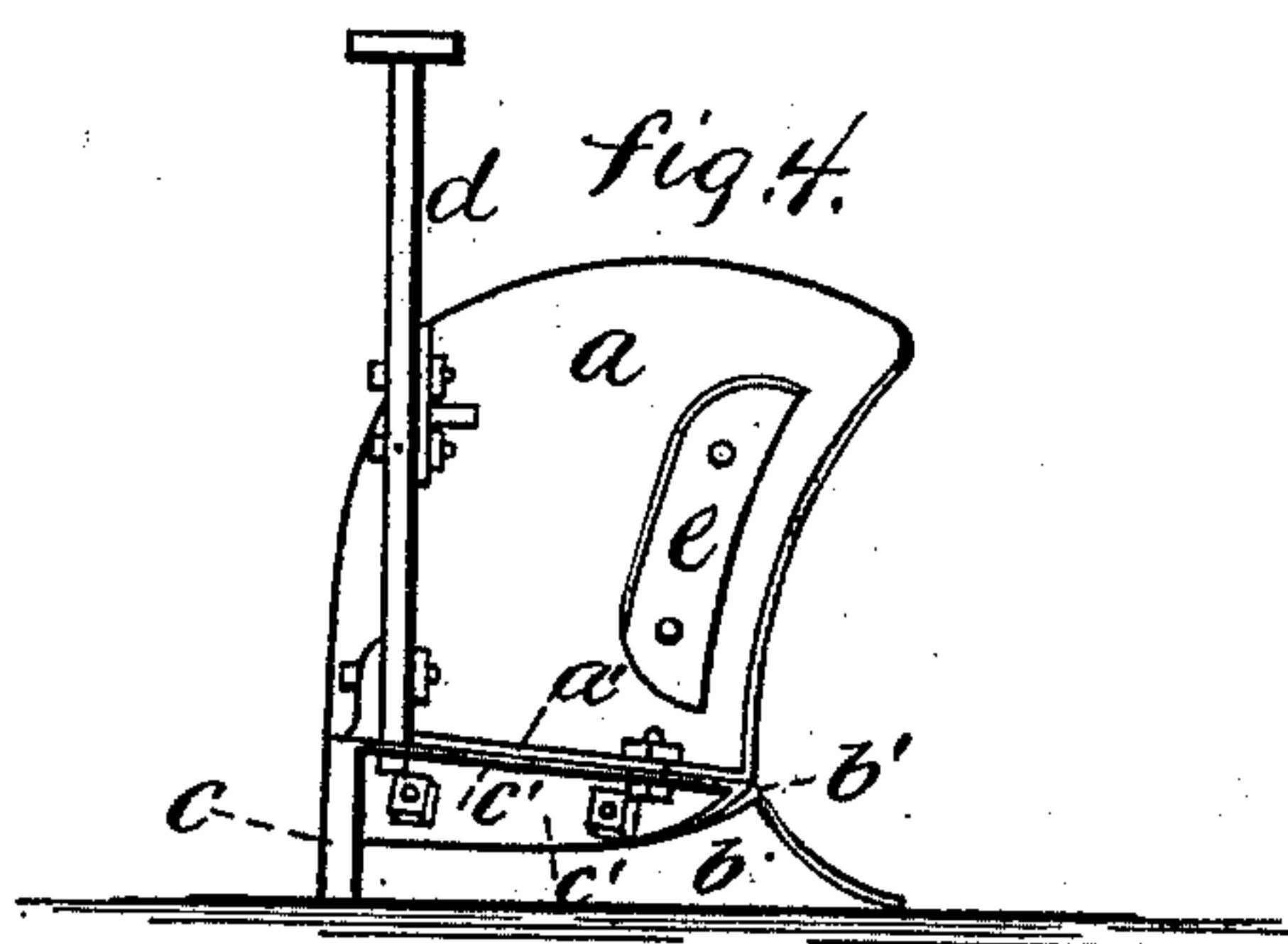
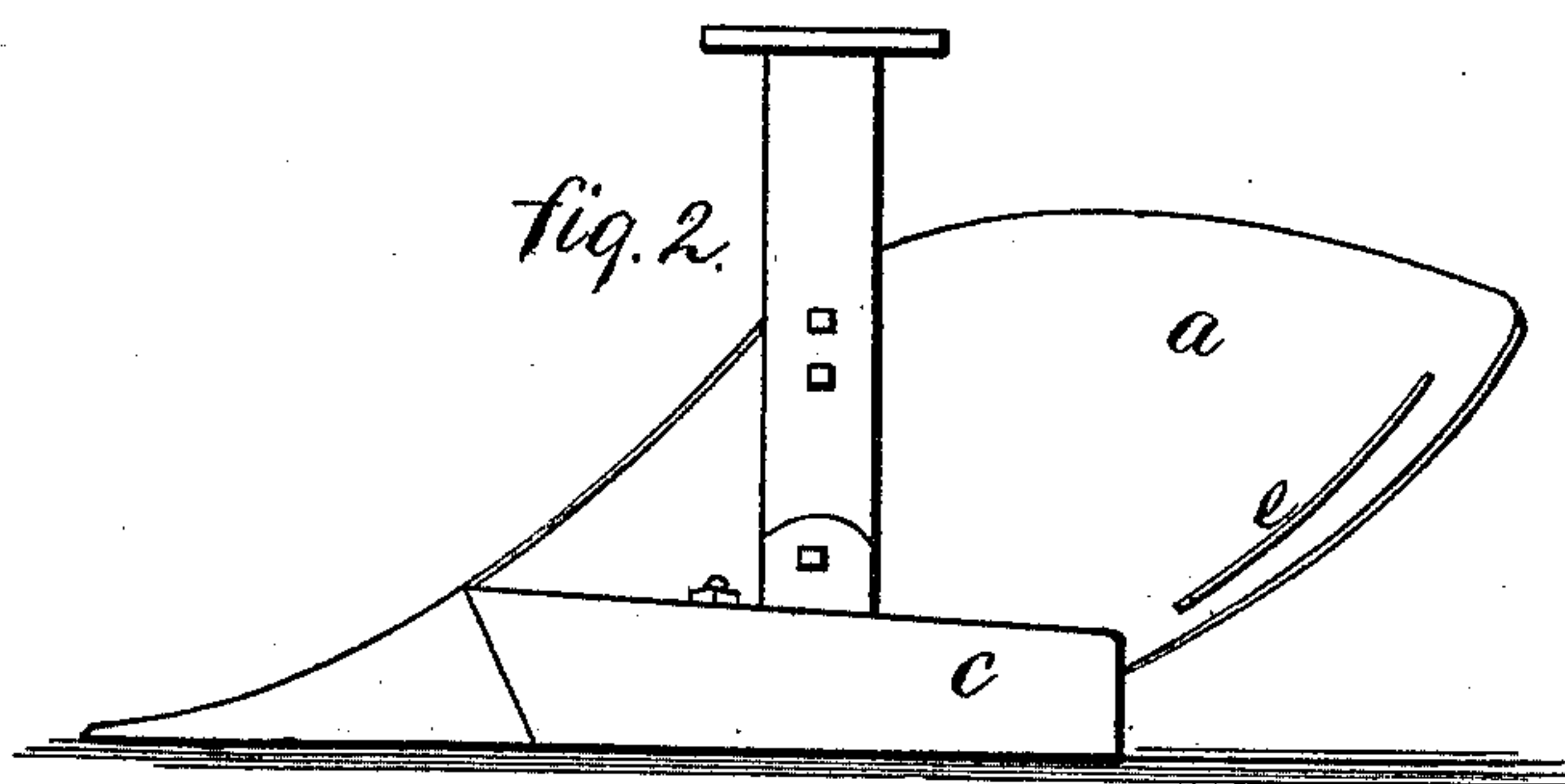
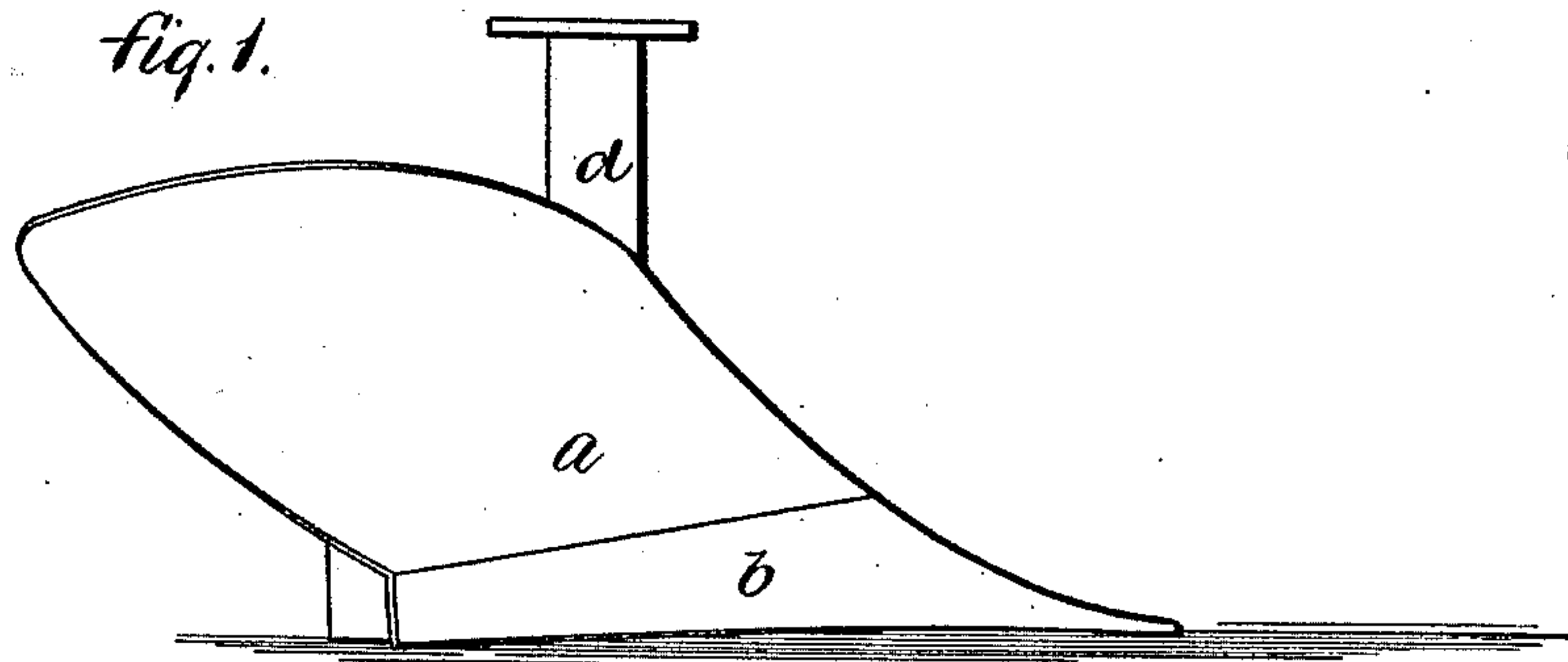


L. CHAPMAN.
Plow.

No. 222,984.

Patented Dec. 30, 1879.



Witnesses:
Robert Gaylord
M. D. Doble

Inventor:
L. Chapman
By W. E. Simonds
att'y

UNITED STATES PATENT OFFICE.

LUKE CHAPMAN, OF COLLINSVILLE, CONNECTICUT, ASSIGNOR OF ONE-HALF OF HIS RIGHT TO THE COLLINS COMPANY, OF SAME PLACE.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. 222,984, dated December 30, 1879; application filed July 3, 1879.

To all whom it may concern:

Be it known that I, LUKE CHAPMAN, of Collinsville, in the county of Hartford and State of Connecticut, have invented a certain new and useful Improvement in Plows, of which the following is a specification, reference being had to the accompanying drawings, where—

Figure 1 is a side view, showing the face of the share and mold-board. Fig. 2 is a side view, showing the opposite side. Fig. 3 is a bottom view. Fig. 4 is a rear view.

The invention relates to that class of plows which have, as distinct parts, a mold-board, share, and land-side.

The object and purpose of the invention is twofold: first, to obviate the necessity of the appearance of bolts or holes therefor on the working-faces of these parts; and, second, to furnish each of such parts with a substantially lateral support from each of the other parts.

The invention consists in providing the mold-board and share, each of them, with a flange upon the back side, made integral therewith, and in providing the land-side with a flange upon the back side, made integral therewith, which extends to and is bolted to the flanges of the mold-board and share, the land-side flange forming a base for the attachment of the other flanges.

The letter *a* denotes the mold-board, bearing the flange *a'*, integral therewith. *b* denotes the share, bearing the flange *b'*, integral therewith. *c* denotes the land-side, bearing the flange-base *c'*, integral therewith, to which the flanges *a'* *b'* fit and are secured by bolts or the like.

The letter *d* denotes the standard, attached at its foot to a wing projecting from the land-side, and, higher up, to a wing projecting from the mold-board.

The letter *e* denotes a leaf on the mold-board, designed to be used for the attachment of a plow-handle, the other handle usually starting from the beam.

A modification, perhaps too obvious to need mention, is that the short downwardly-extending leaf, which forms a part of the base-flange, may be dispensed with and the flange *b'* fitted to the remaining leaf.

I claim as my invention—

The mold-board *a*, with its flange *a'*; the share *b*, with its flange *b'*, and the land-side *c*, with its base-flange *c'*, extending and secured to the other flanges, all combined, substantially as shown and described.

LUKE CHAPMAN.

Witnesses:

WM. EDGAR SIMONDS,
R. F. GAYLORD.