

L. CHAPMAN.
Plow.

No. 223,579.

Patented Jan. 13, 1880.

fig. 1.

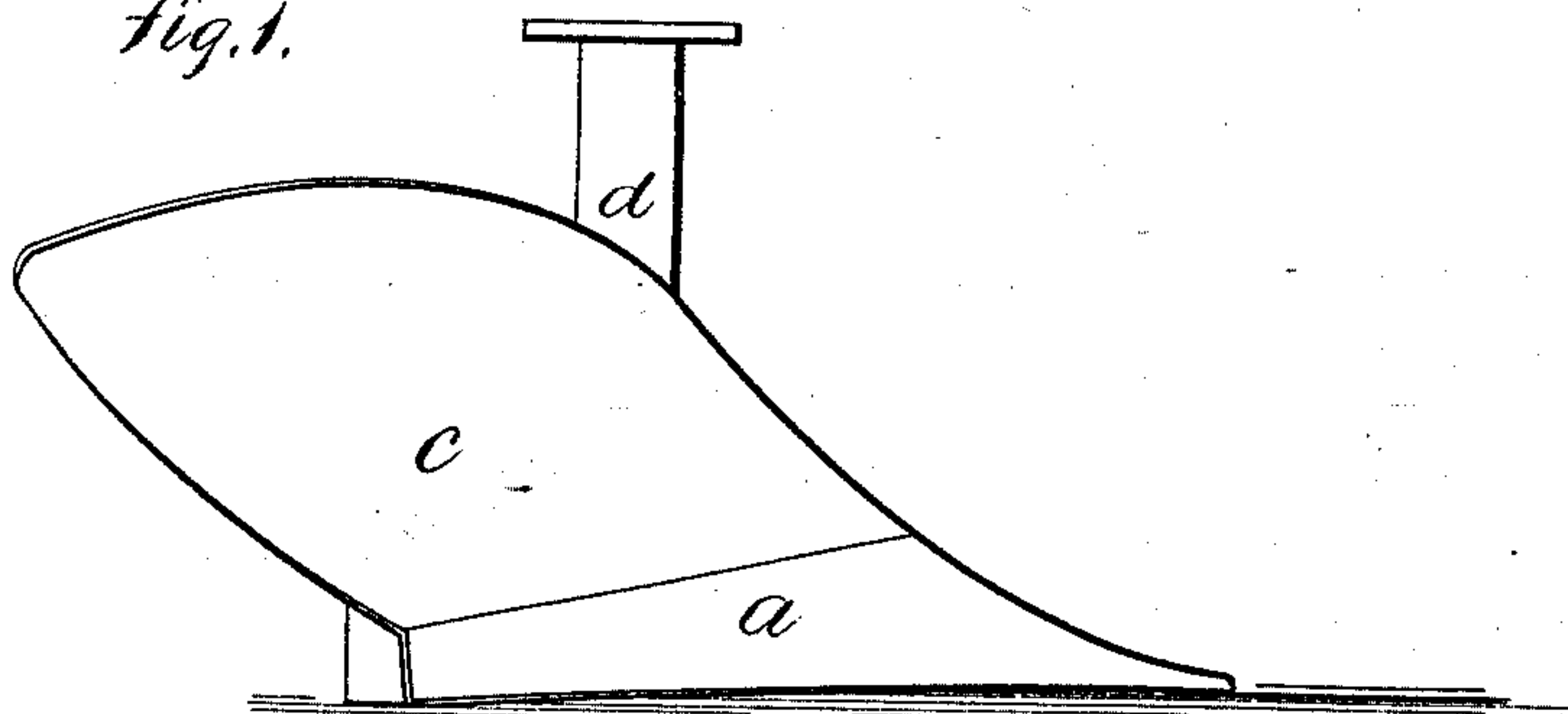


fig. 2.

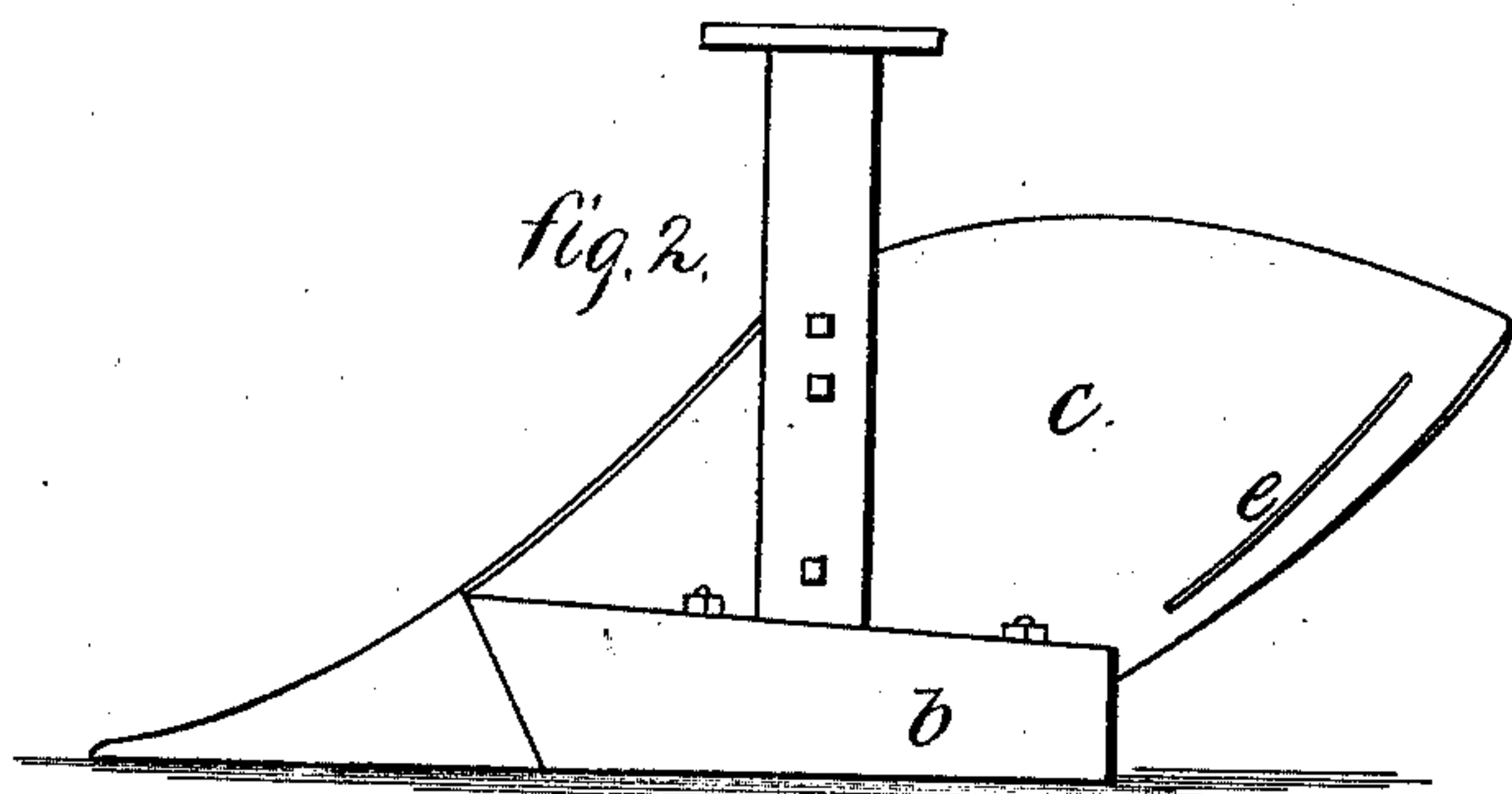


fig. 4.

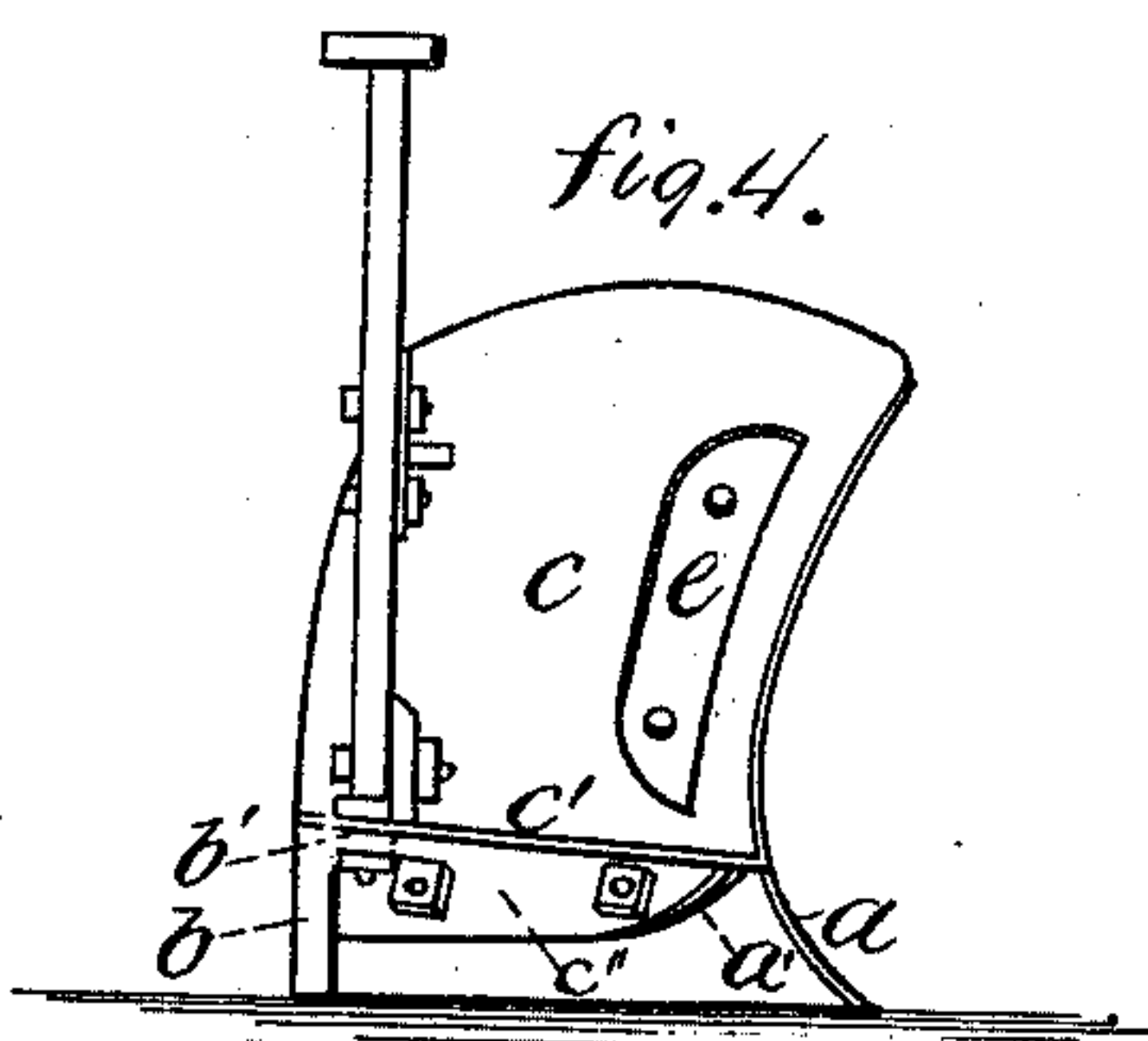
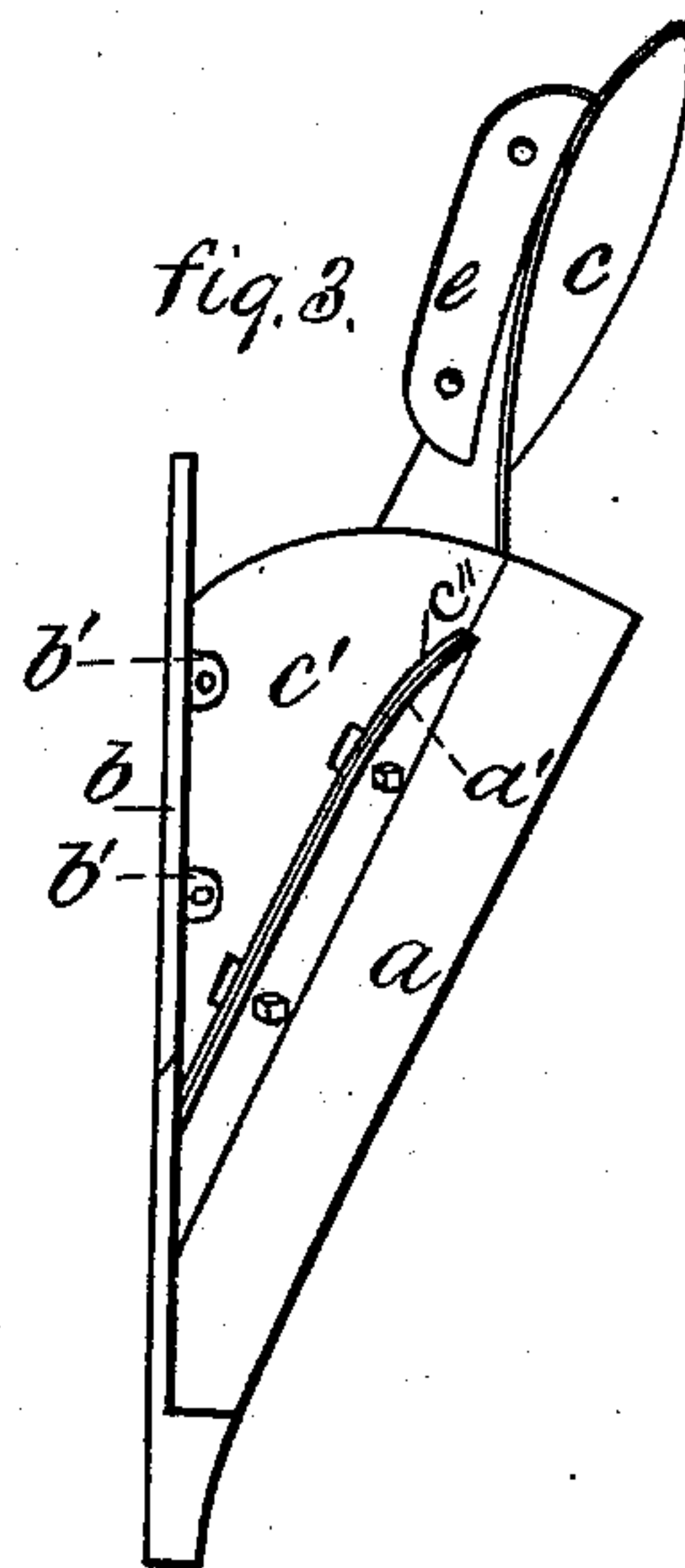


fig. 3.



Witnesses:

R. F. Gaylord

M. F. Booley

Inventor:

L. Chapman

B. W. E. Simonds
Atty

UNITED STATES PATENT OFFICE.

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

PLOW.

SPECIFICATION forming part of Letters Patent No. 223,579, dated January 13, 1880.

Application filed November 20, 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 description, reference being had to the accompanying drawings, where—

Figure 1 is a side view showing the face of the mold-board and share. 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 such a construction and union of the share, mold-board, and land-side of a plow that no necessity exists for the appearance of bolts or screws or holes therefor on the working-face of the plow.

The particular improvement herein described consists in a mold-board constructed with a base-flange extending to the land-side in a plane at an angle to its vertical, and also with a downwardly-projecting flange adapted to be bolted to and hence secure or support the share-flange.

The letter *a* denotes the share, bearing the flange *a'*, integral therewith. The letter *b* denotes the land-side, bearing the flange or flanges *b'*, integral therewith. *c* denotes the mold-

board, bearing the flange-base *c'* and downwardly-projecting flange *c''*, integral therewith, to which the flanges *a'* *b'* fit, and are secured by bolts or the like.

The standard *d* is attached at its foot to a wing projecting from the flange-base, and higher up to a wing projecting from the mold-board.

The leaf *e* serves for the attachment of a plow-handle, the other handle usually starting from the beam.

Securing the parts of plows together by means of flanges thereon bolted to one another is not broadly new.

I claim as my invention—

The share *a* and its flange *a'*, the land-side *b* and its flange *b'*, and the mold-board *c*, with its flange-base *c'* and downwardly-projecting flange *c''*, to which the flanges of the other parts are bolted, and by which the parts of the plow are united without exposing the bolts upon its face, substantially as described.

LUKE CHAPMAN.

Witnesses:

WM. EDGAR SIMONDS,
R. F. GAYLORD.