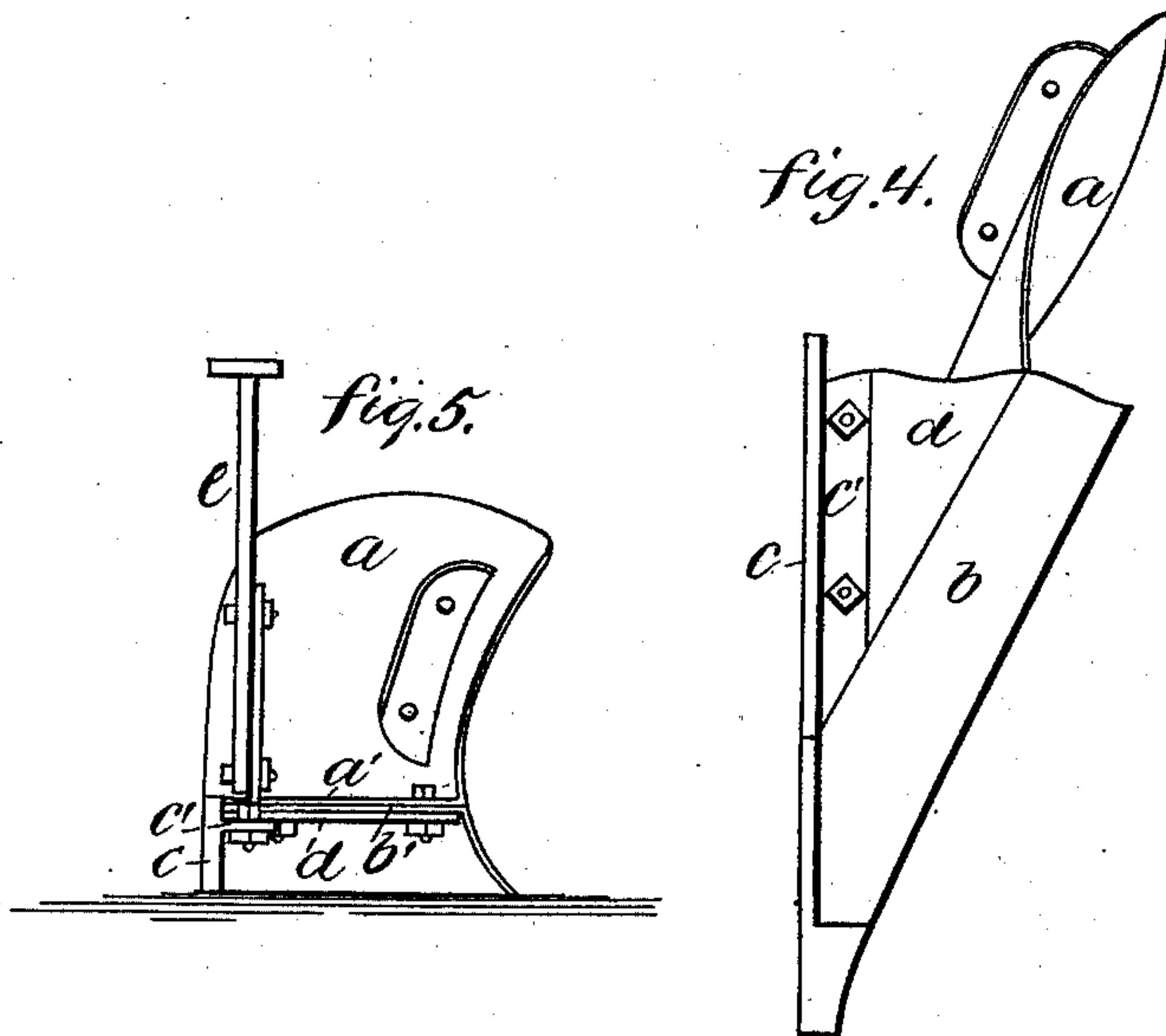
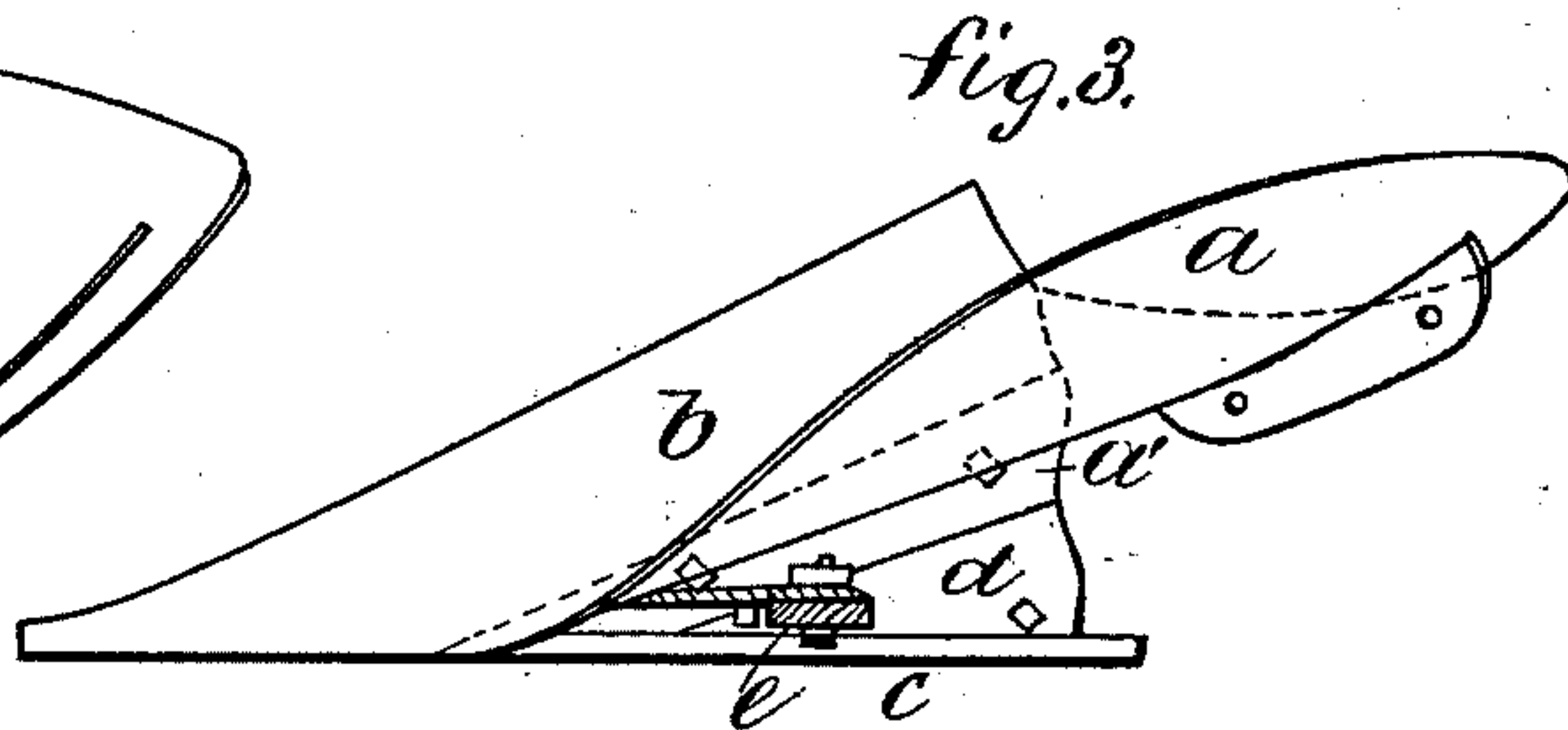
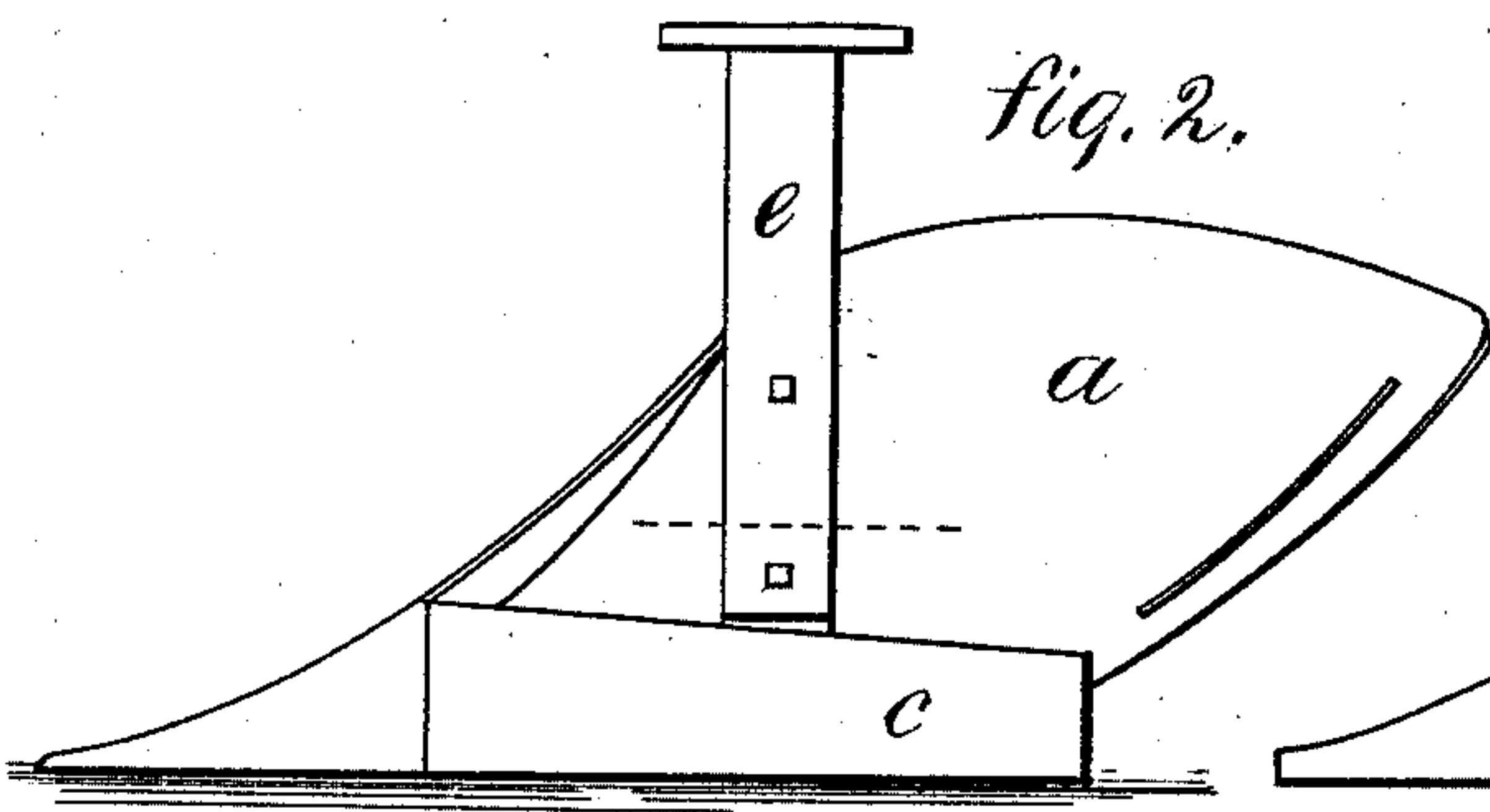
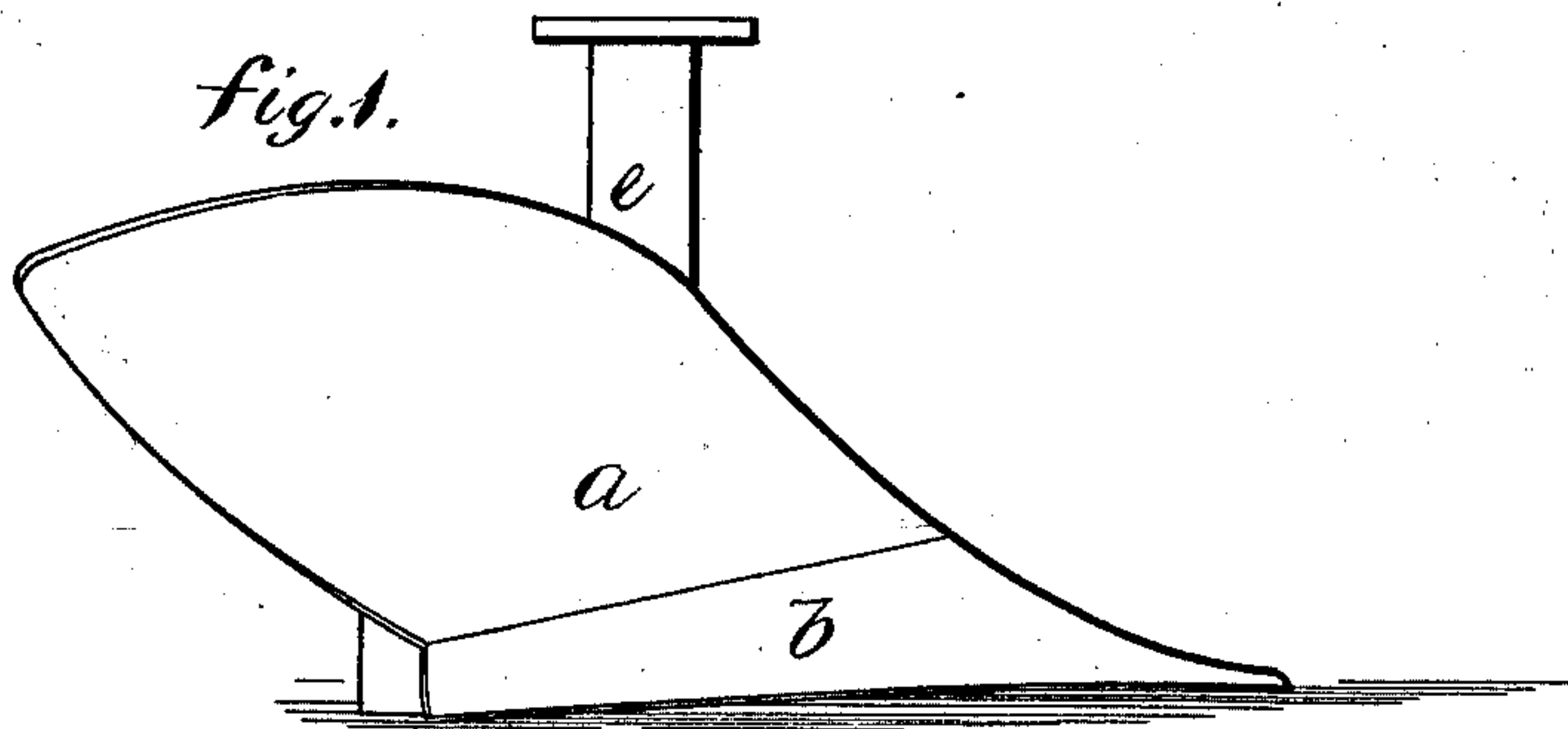


L. CHAPMAN.
Plow.

No. 223,580.

Patented Jan. 13, 1880.



Witnesses:
R. F. Gaylord
M. F. Dooley

Inventor:
L. Chapman
By W. E. Simmonds
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.

PLOW.

SPECIFICATION forming part of Letters Patent No. 223,580, 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
5 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
10 the share and mold-board. Fig. 2 is a side
view showing the opposite side. Fig. 3 is a
top view with a portion of the standard broken
off. Fig. 4 is a bottom view. Fig. 5 is a rear
view.

15 The invention relates to such a construction
of the share, mold-board, and land-side of a
plow, and in such a union thereof, through the
medium of a uniting-piece, that no necessity
exists for the appearance of bolts or screws
20 or holes therefor on the working-face of the
plow.

The invention is an improvement upon that
class of plows which have inwardly-projecting
flanges, by which the parts are united, the
25 improvement consisting in uniting the flanges
of the mold-board, share, and land-side by
means of a plate of metal bolted thereto, as
hereinafter specified.

The letter *a* denotes the mold-board, bearing

the flange *a'*, integral therewith. *b* denotes 30
the share, bearing the flange *b'*, integral there-
with. *c* denotes the land-side, bearing the
flange *c'*, integral therewith. *d* denotes a unit-
ing-piece, which I term a "flange-base," ex-
tending from the flanges *a'* *b'* to the flange *c'*, 35
all of which are secured thereto by bolts or
the like. These several flanges extend hori-
zontally inward from their respective bearing-
bodies, and substantially in line one with the
other, the mold-board flange resting upon the 40
share-flange, so that when bolted to the flange-
base a close joint will be formed.

The standard *e* is shown as attached by
bolts to a wing projecting from the mold-board.
A modification is to attach it wholly or partly 45
to the flange-base.

I claim as my invention—

The combination of the mold-board *a*, with
its flange *a'*, the share *b*, with its flange *b'*, the
land-side *c*, with its flange *c'*, and the independ- 50
ent or separate flange-base *d*, supporting and
connecting the other parts, substantially as
shown and described.

LUKE CHAPMAN.

Witnesses:

WM. EDGAR SIMONDS,
R. F. GAYLORD.