

No. 672,584.

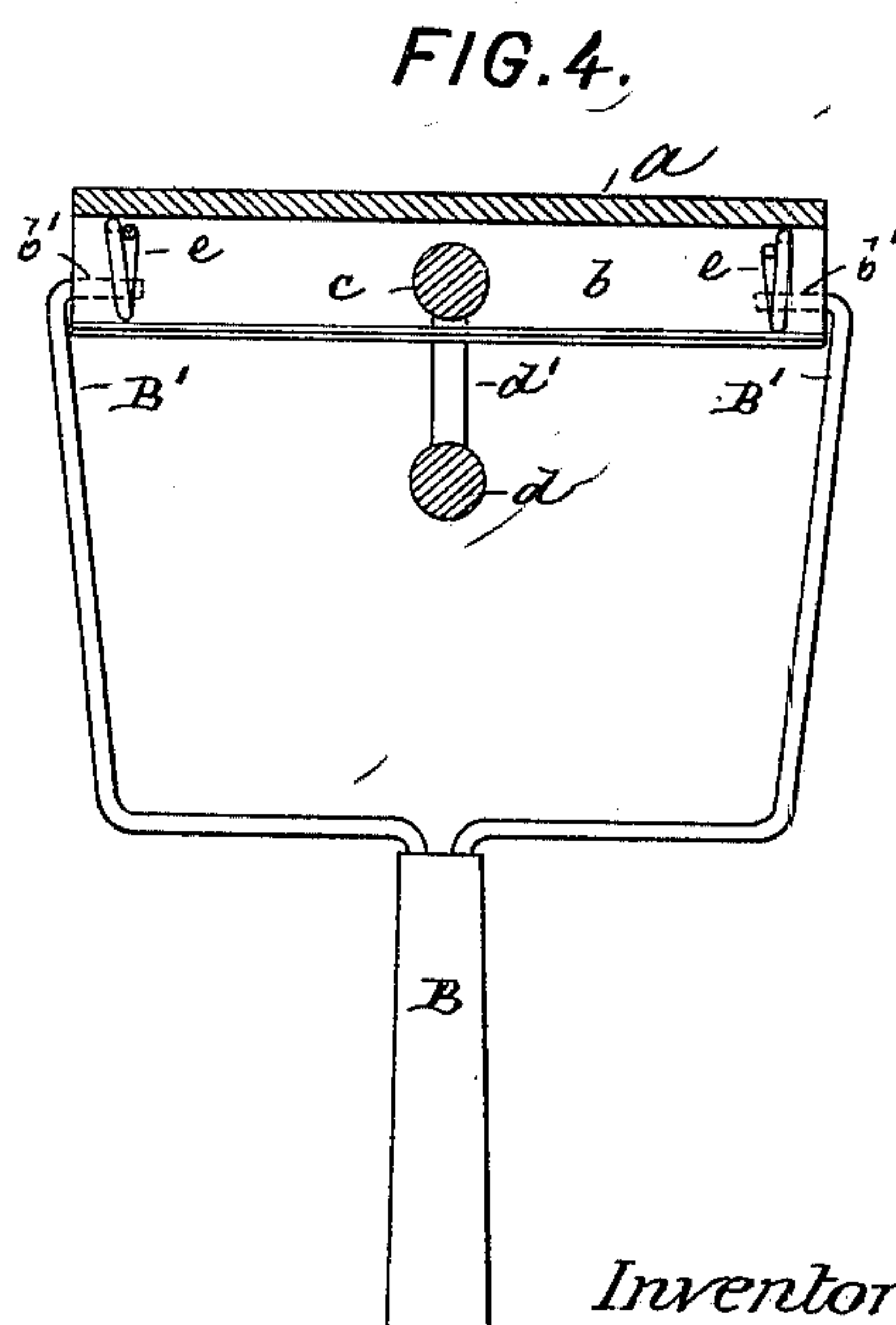
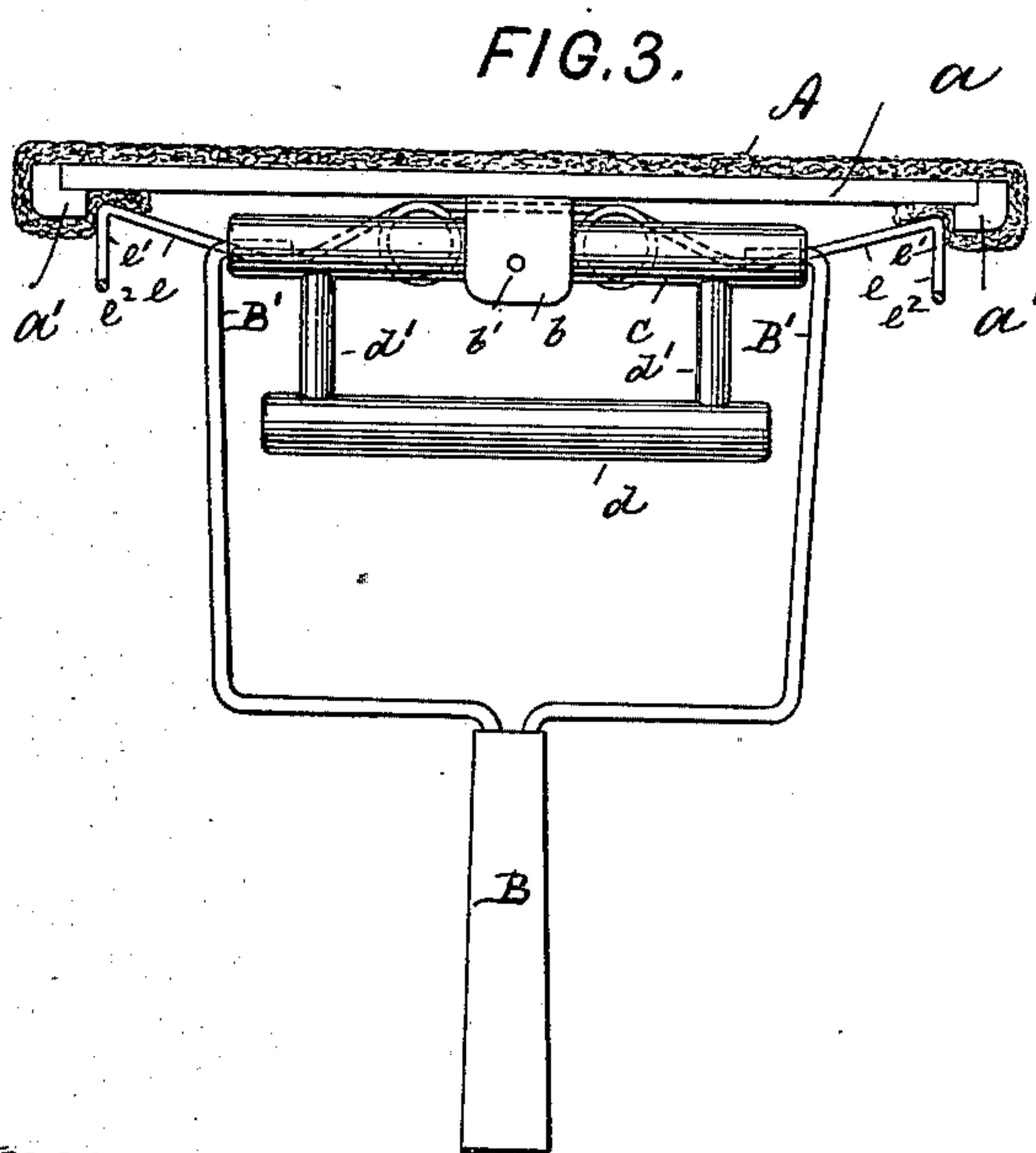
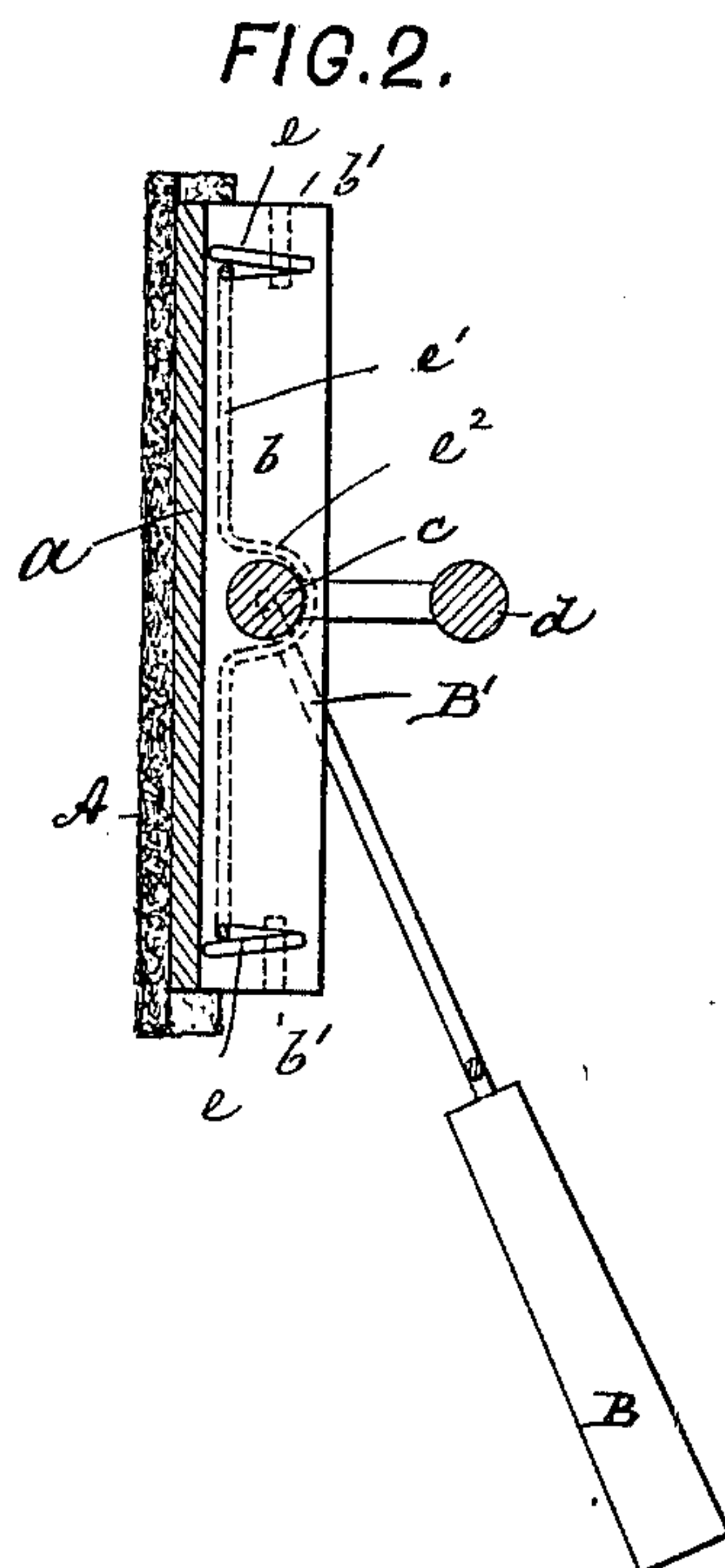
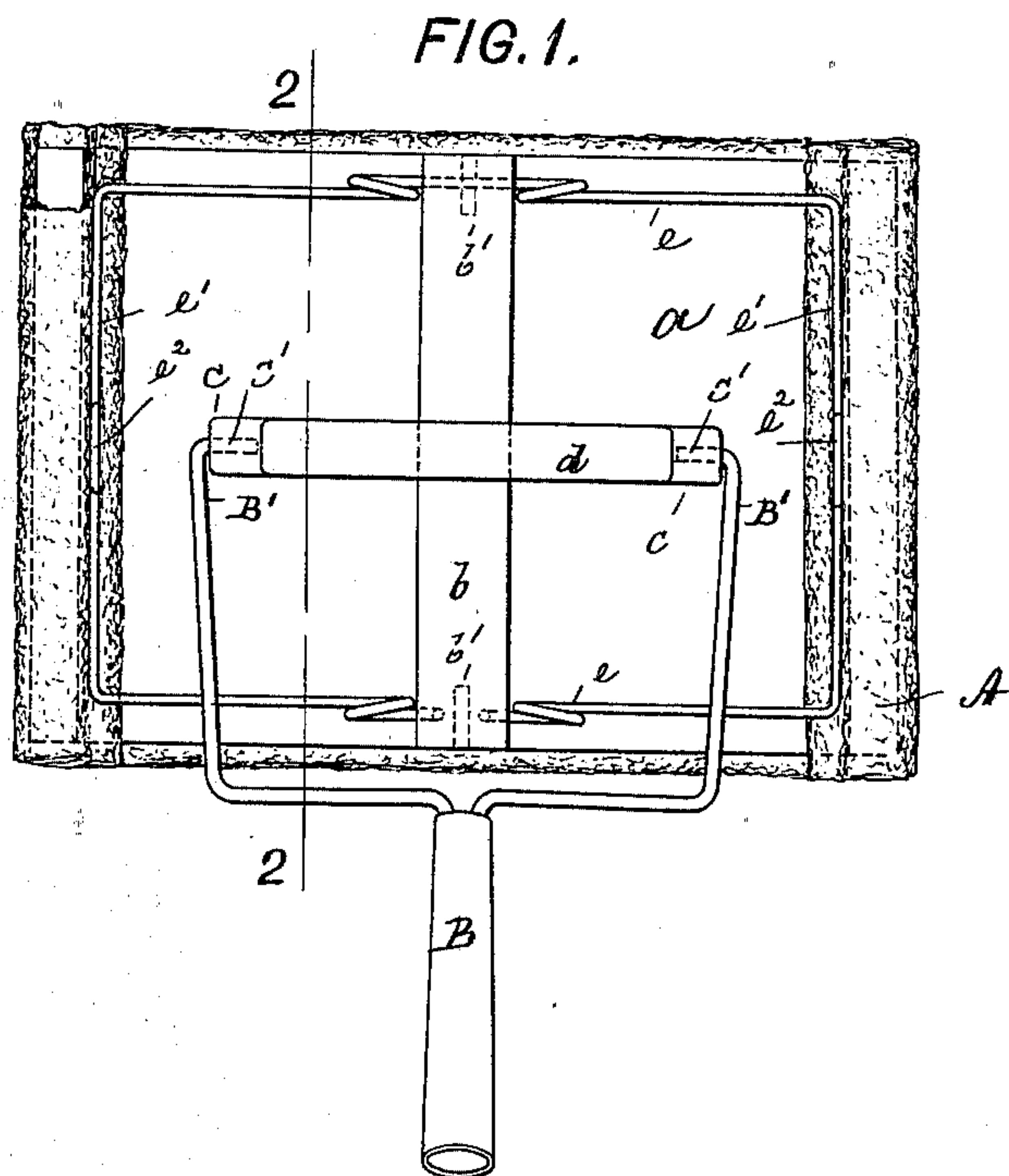
Patented Apr. 23, 1901.

W. H. ANDERSON.

CLEANER.

(Application filed Jan. 30, 1901.)

(No Model.)



Witnesses
John Becker
Edward B. King

Inventor:
William H. Anderson
by his attorneys
Poeder & Briesen

UNITED STATES PATENT OFFICE.

WILLIAM H. ANDERSON, OF NEW YORK, N. Y.

CLEANER.

SPECIFICATION forming part of Letters Patent No. 672,584, dated April 23, 1901.

Application filed January 30, 1901. Serial No. 45,299. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. ANDERSON, a citizen of the United States, and a resident of New York city, county and State of New York, have invented certain new and useful Improvements in Cleaners, of which the following is a specification.

This invention relates to an improved cleaner for walls, windows, ceilings, and floors, which is so constructed that a mop may be readily attached thereto and that it may be manipulated in different positions.

In the accompanying drawings, Figure 1 is a bottom view of my improved cleaner; Fig. 2, a section on line 2 2, Fig. 1; Fig. 3, an end view, partly in section, thereof; and Fig. 4, a section similar to Fig. 2, showing the removable handle in a different position and with the mop removed.

The letter *a* represents an oblong plate, across the back of which is secured a bar *b*, the ends of which are mortised, as at *b'*. The bar *b* is provided with a central transverse perforation that receives a bar *c*, projecting across the back of plate *a* at right angles to bar *b* and which has likewise mortised ends *c'*. To the bar *c* is attached a fixed handle *d* by posts *d'*. A double spring-clasp *e* extends over the back of plate *a* and passes under the bar *b*, which thus serves as a fulcrum for the spring. The jaws *e' e'* of the clasp are placed at a short distance back of the edge of plate *a* and are bulged centrally, as at *e²*, to constitute finger-pieces. Opposite the jaws *e'* the plate *a* is provided with ledges *a'*, that constitute the fixed jaws for the clamps, of which the parts *e'* are the movable jaws.

In use a mop, towel, cloth, chamois-skin, or similar body *A* is removably secured to the

upper face of the plate *a* by having its edges grasped between the jaws *a' e'*. A removable handle *B* is then sprung with its inwardly-bent prongs *B'* either into the mortises *b'* of the bar *b*, Fig. 4, or into the mortises *c'* of the bar *c*, Figs. 1, 2, and 3. In the first case the cleaner is used with its narrow side up, and in the latter case with its wide side up, and being pivotally connected to its handle *B* may be drawn over ceilings, floors, walls, windows, &c., with great facility.

If desired, the handle *B* is entirely disconnected, and then the cleaner is manipulated by means of the fixed handle *d*.

If the mop *A* is soiled, it may be removed and reversed or replaced by a clean mop.

What I claim is—

1. A cleaner composed of a plate, a clasp, a mop removably secured to the plate by the clasp, a pair of mortised bars extending at right angles to each other, and a removable handle having prongs that are adapted to engage either of said bars, substantially as specified.

2. A cleaner composed of an oblong plate, a clasp, a mop removably secured to the plate by the clasp, a pair of mortised bars extending at right angles to each other, a fixed handle secured to one of said bars, and a removable handle having prongs that are adapted to engage either of the bars, substantially as specified.

Signed by me at New York city, county and State of New York, this 29th day of January, 1901.

WILLIAM H. ANDERSON.

Witnesses:

F. V. BRIESEN,
EDWARD RAY.