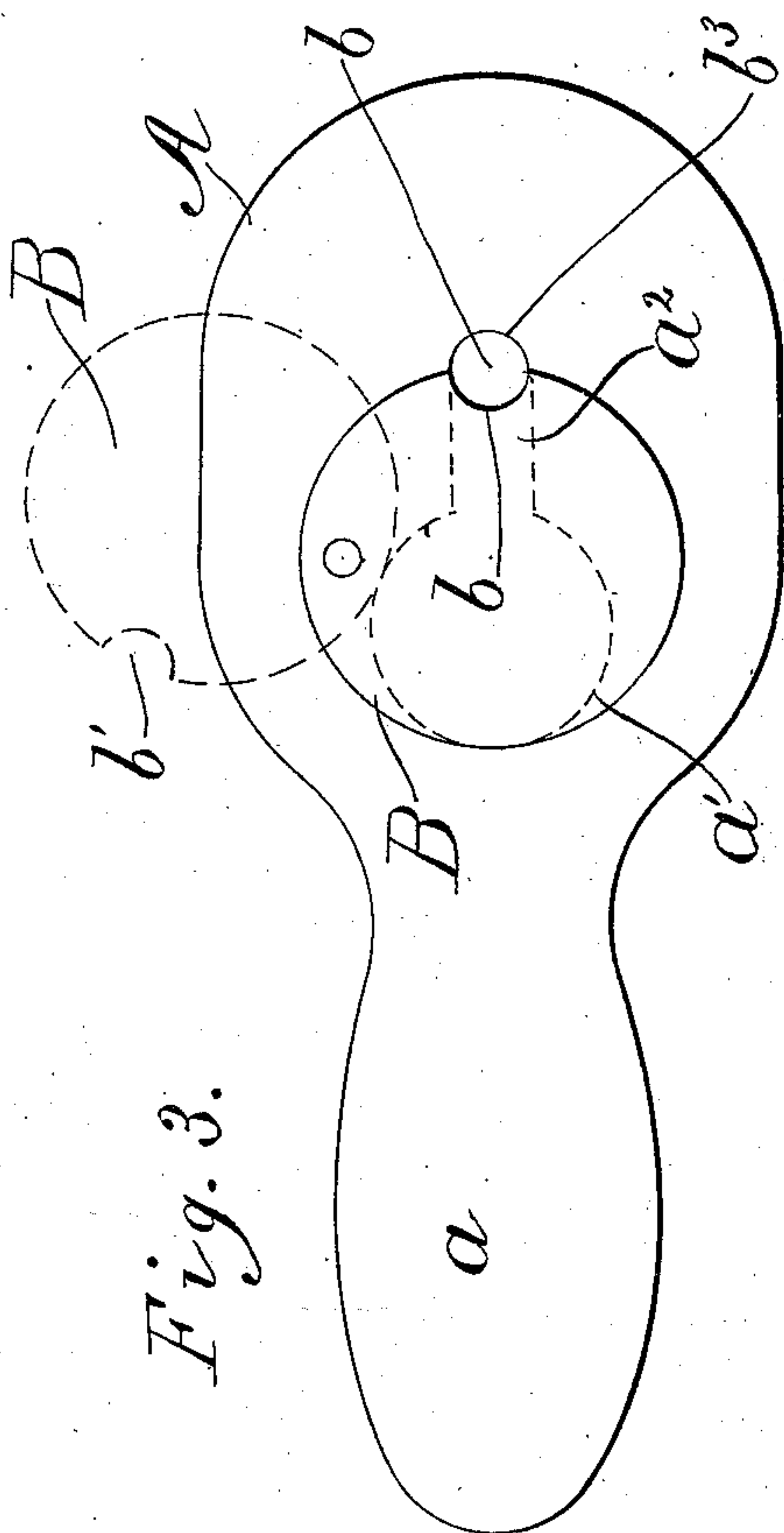
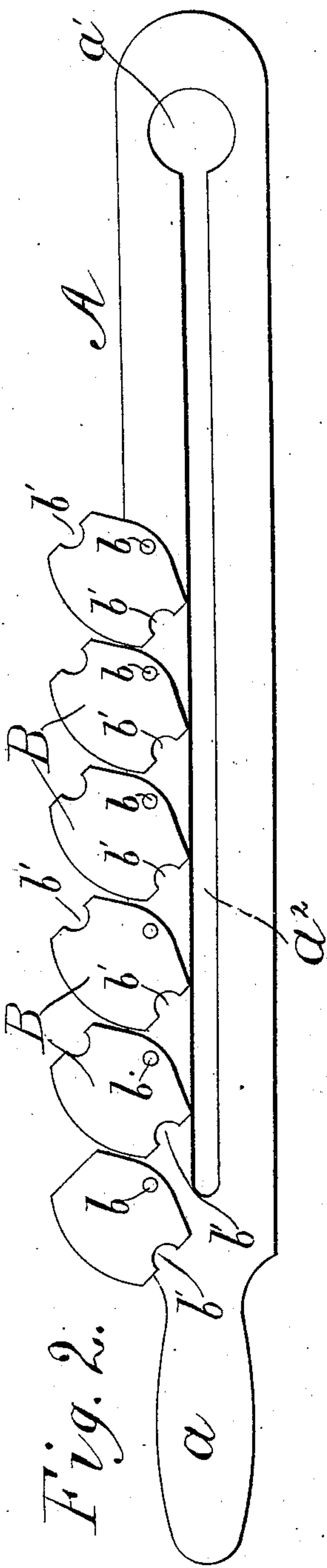
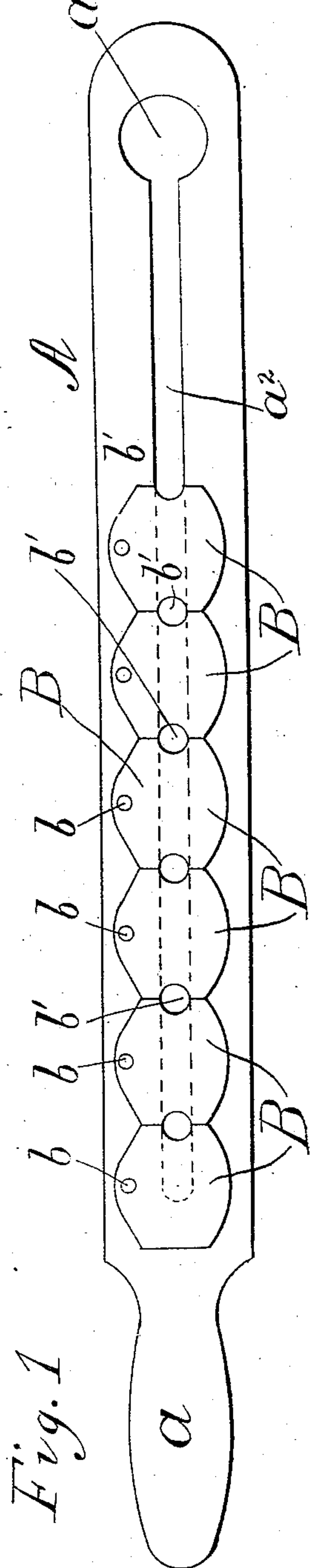


(No Model.)

G. W. HARWOOD.
DEVICE FOR CLEANING BUTTONS.

No. 577,025.

Patented Feb. 16, 1897.



WITNESSES:

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UNITED STATES PATENT OFFICE.

GEORGE W. HARWOOD, OF BROOKLYN, NEW YORK.

DEVICE FOR CLEANING BUTTONS.

SPECIFICATION forming part of Letters Patent No. 577,025, dated February 16, 1897.

Application filed September 12, 1896. Serial No. 605,604. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. HARWOOD, a citizen of the United States, and a resident of Brooklyn, county of Kings, and State of New York, have invented certain new and useful Improvements in Devices for Cleaning Buttons, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof, in which
10 similar letters of reference indicate corresponding parts.

This invention relates to that class of devices which are adapted to be used to facilitate the cleaning of metallic or other buttons without removing the latter from the garment. Heretofore devices of this class have been usually constructed with a slot adapted to receive the shank portion of the button and intersected by an eye or opening adapted
15 to receive the button to enable its insertion into position in the slot. In the operation of cleaning or polishing the button with the device of this construction the clothing is liable to damage for the reason that a portion of the
20 latter is left exposed by the slot.

The object of my invention is to provide a simple and improved device for retaining one or a series of buttons in position for cleaning or polishing in such a manner that no portion
25 of the garment or clothing will be exposed through the device and thus liable to damage.

A further object of my invention is to provide a device of this character which will possess advantages in point of convenience, effectiveness, ease of operation, and general
30 efficiency.

In the drawings, Figure 1 is a face or plan view showing the locking and covering plates in closed position. Fig. 2 is a corresponding
35 view showing the plates in open position, and Fig. 3 is a corresponding view illustrating a modified construction adapted for use in connection with a single button.

Referring to the drawings, A designates a plate or strip of suitable length forming the body of the device and provided at one end with a suitable handle a , by which it may be conveniently held in position. At the opposite end the body A is provided with an eye
40 or opening a' , adapted to receive a button to enable the insertion of its shank portion in

a longitudinal slot a^2 , intersecting the opening a' .

Upon the face of the body A are provided plates B, arranged in series and pivotally
45 mounted, as at b . These plates are adapted to be turned upon their pivots to throw them outwardly beyond the slot a^2 when the buttons are adjusted in position in the device. The opposite side edges of the plates B, which
50 adjoin each other when the plates are in normal position, are provided with semicircular recesses b' , which conjointly form a circular opening in which the shank portion of the button is accommodated.

The device as above described is adapted to simultaneously receive and retain the series of buttons, and when the pivoted plates are thrown into normal position they serve to close the slot, as shown in Fig. 1, and thus
55 protect the portion of the garment under the body A from damage during the operation of cleaning or polishing the buttons, and at the same time they serve to lock or retain the latter effectively in position.

In practice the buttons may be successively adjusted in the device and the plates likewise be successively thrown into normally-closed position.

In the modification shown in Fig. 3, which
60 is a construction adapted for use in connection with a single button, the body A is of reduced length, and the slot a^2 is also correspondingly reduced in length. In this modified construction a single pivoted plate B is
65 provided, and the circular opening b^2 is conjointly formed by the semicircular recess b' in the edge of the pivoted plate and by a recess b^3 of corresponding contour at the end of the slot a^2 . In the construction and ar-
70 rangement of this modified single-button device the pivoted plate may be of sufficient size or diameter to close or cover not only the slot a^2 , but also the entrance eye or opening a' , as indicated in Fig. 3.

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

An improved device of the class described, comprising a body portion or strip provided
75 with a longitudinal slot and carrying a longitudinally-arranged series of pivoted plates

adapted to cover said slot and provided in
their opposite edges with correlative recesses
conjointly forming an eye or opening for the
accommodation of the shank portion of a but-
5 ton, substantially as and for the purpose set
forth.

In testimony that I claim the foregoing as

my invention I have signed my name, in pres-
ence of two witnesses, this 8th day of Sep-
tember, 1896.

GEORGE W. HARWOOD.

Witnesses:

C. SEDGWICK,
M. G. McCLEAN.