

A. E. THURBER.

Buttons.

No. 136,882.

Patented March 18, 1873.

Fig. 1.

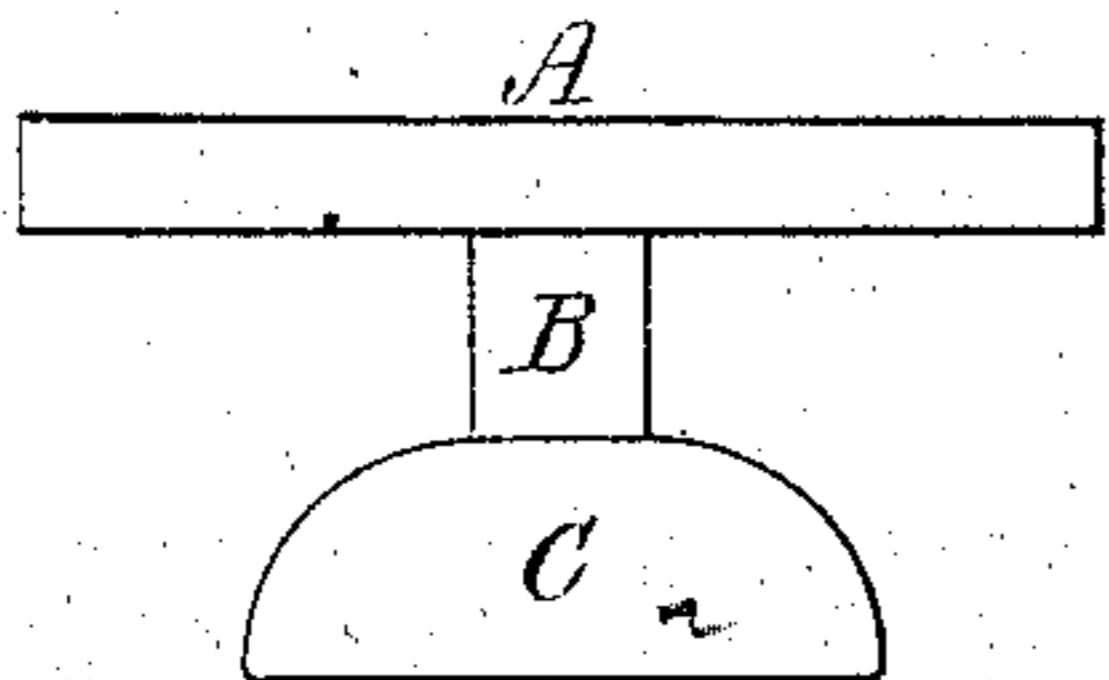


Fig. 2.

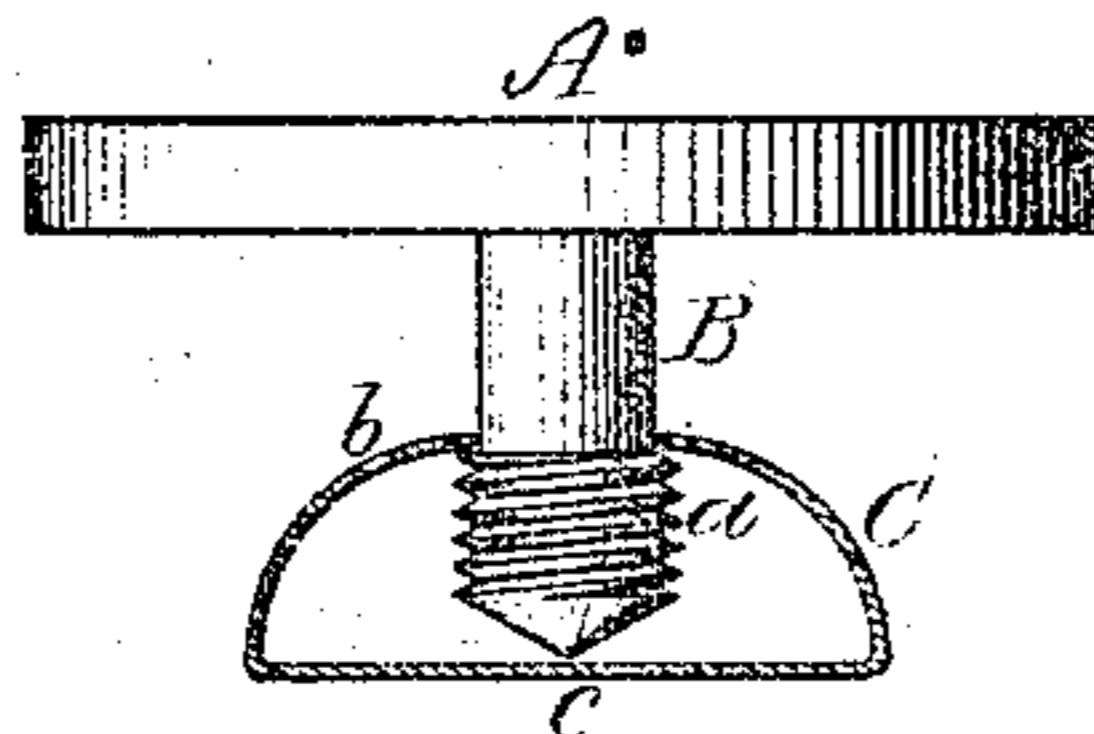


Fig. 3.

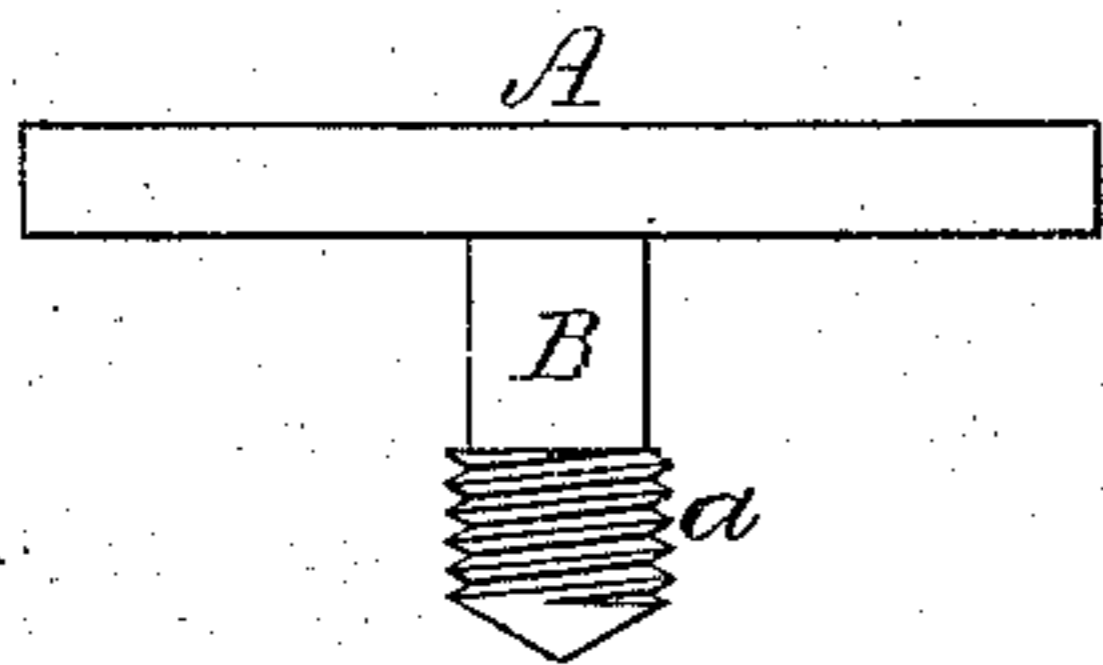
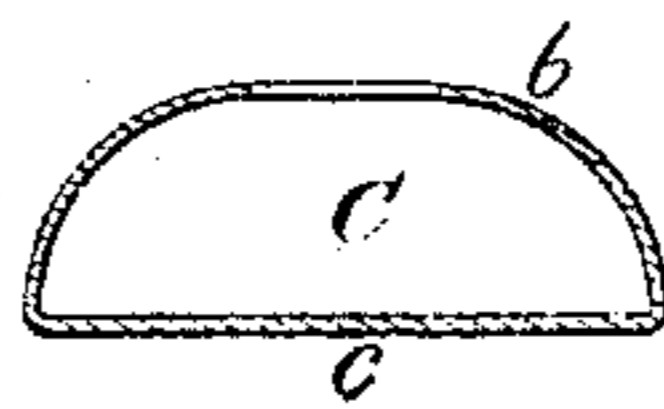


Fig. 4.



Witnesses.

S. W. Piper

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by his attorney

R. H. Eddy

UNITED STATES PATENT OFFICE.

ALBERT E. THURBER, OF PROVIDENCE, RHODE ISLAND, ASSIGNOR TO
EDWIN F. KENT AND GEORGE HALL, OF SAME PLACE.

IMPROVEMENT IN BUTTONS.

Specification forming part of Letters Patent No. 136,882, dated March 18, 1873.

To all whom it may concern:

Be it known that I, ALBERT E. THURBER, of the city and county of Providence and State of Rhode Island, have invented a new and useful Improvement in Buttons; and do hereby declare the same to be fully described in the following specification and represented in the accompanying drawing, of which—

Figure 1 denotes on an enlarged scale an edge view, and Fig. 2 a transverse section, of a button provided with my invention. Fig. 3 is an edge view of the button. Fig. 4 is a section of the collet.

In such drawing, the body A of the button is shown as provided with a pointed shank, B, having a short male screw, *a*, cut thereon. Between the said screw and the body of the button the shank is reduced in diameter at least double the depth of the thread of the screw, whereby the base of the screw becomes, as it were, a shoulder upon the shank. A collet or chambered nut, C, is employed with the screw-shank to hold the button to a garment or article of clothing, the shank being

inserted through the said article, and the collet being screwed upon such shank toward the body A until the collet may run off the screw. The collet is composed of a concavo-convex nut, *b*, and a plain disk or cap, *c*, arranged and fixed together at their edges, as shown—the object of the cap *c* being to protect a person from the point of the shank.

It has been found by experience that with the collet so made, and with the button-shank provided with the screw and reduced in diameter between the screw and body, as set forth, the collet will remain on, or is not liable to work off, the shank while the button may be in use.

I claim—

The chambered screw-nut or collet, as described, and the button-body, provided with the screw and reduced shank to operate with such collet, all being substantially as specified.

ALBERT E. THURBER.

Witnesses:

R. H. EDDY,
J. R. SNOW.