

(No Model.)

R. S. CUTTING.
BUTTON.

No. 250,891.

Patented Dec. 13, 1881.

Fig. 1.

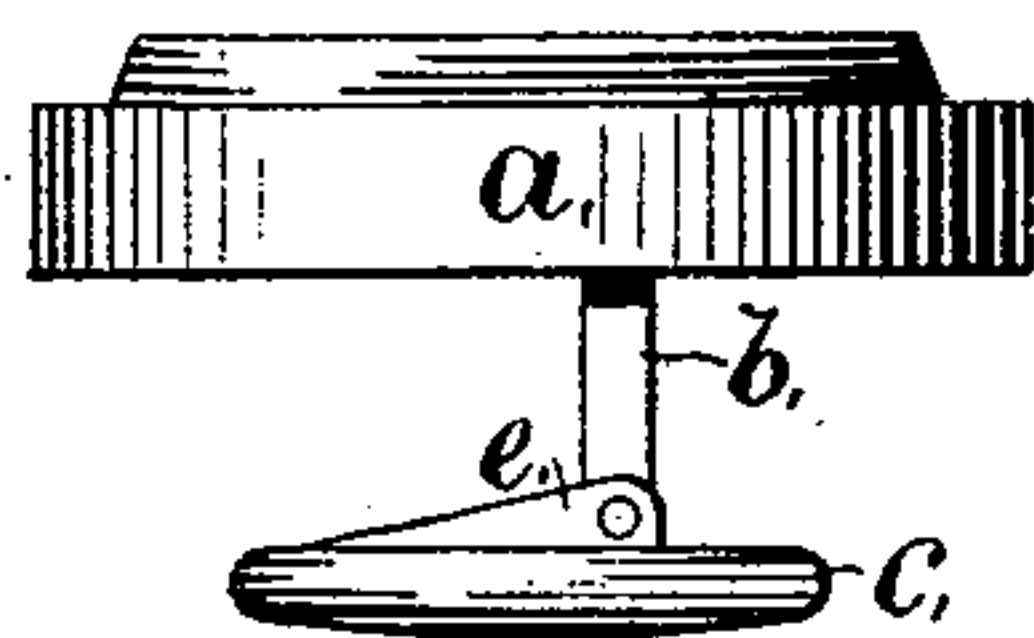


Fig. 3.

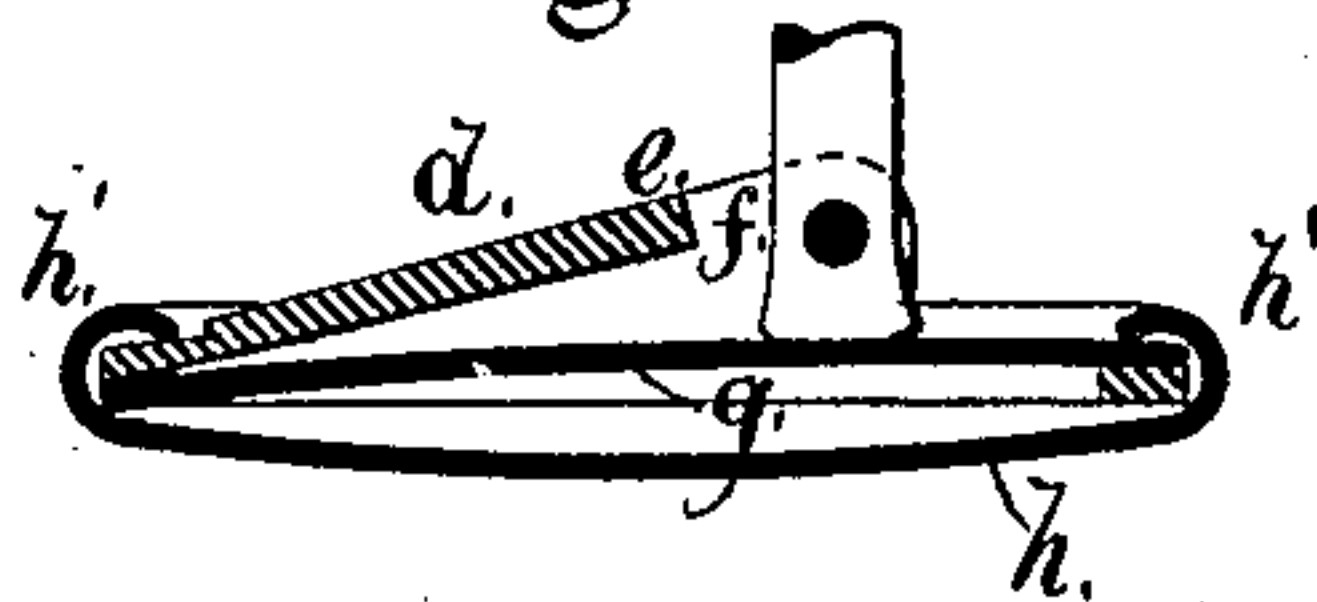


Fig. 2.

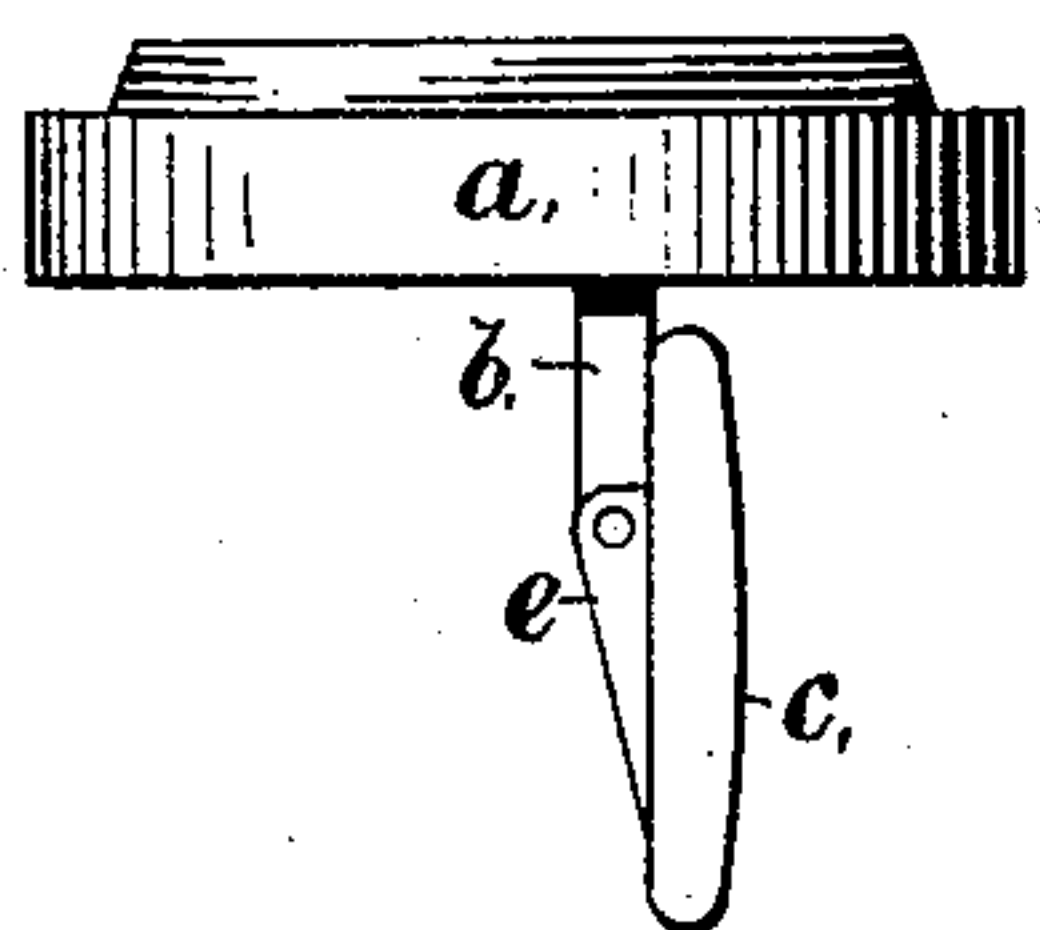
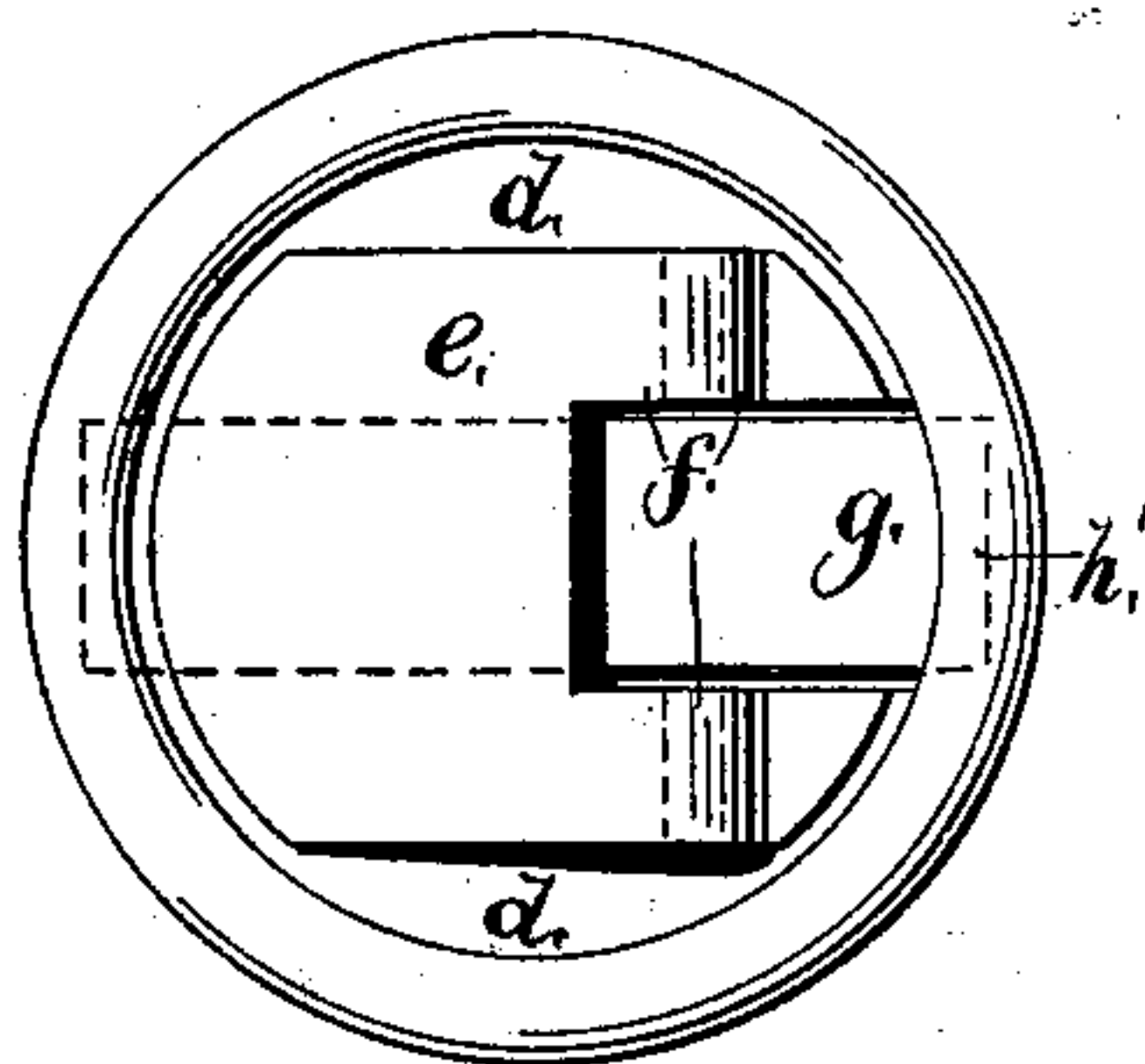


Fig. 4.



WITNESSES:

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UNITED STATES PATENT OFFICE.

ROBERT S. CUTTING, OF PROVIDENCE, RHODE ISLAND.

BUTTON.

SPECIFICATION forming part of Letters Patent No. 250,891, dated December 13, 1881.

Application filed May 21, 1881. (No model.)

To all whom it may concern:

Be it known that I, ROBERT S. CUTTING, of the city and county of Providence, and State of Rhode Island, have invented a new and useful Improvement in Buttons; and I hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification.

10 This invention has reference to an improvement in cuff or other buttons provided with a hinged shoe; and it consists in the peculiar construction of the shoe, as will be more fully set forth hereinafter.

15 Figure 1 is a view of my improved button, showing the shoe placed parallel with the button to secure the same. Fig. 2 is a view of the button, showing the shoe placed on a line with a post to facilitate the entering of the shoe into the button-hole. Fig. 3 is an enlarged sectional
20 view of the shoe, showing the construction of the same and the method of securing the spring. Fig. 4 is a view of the shoe, showing the hinge-disk and the spring secured by the rolled-over
25 outer cap of the shoe.

In the drawings, *a* represents the button; *b*, the post firmly secured to the button, and *c* the shoe hinged to the post *b*. The shoe consists of the disk *d*, which is struck up in a die
30 so as to form the incline *e*, into which the slot *f* is cut to receive the spring and the post. The post is hinged to the incline *e* by drilling a hole through the vertical sides of the incline and through the post and inserting a pin to form
35 the hinge. The spring *g* is entered through

the slot *f*, the end resting on the rim of the disk *d*. The spring and disk *d* are now placed into the cap *h*, and the edges of the cap at *h'* are turned over in a die so as to firmly hold the parts together.

By this construction the shoe, when placed as shown in Fig. 2, rests against the side of the post, and the incline *e* forms a wedge by which the entering of the shoe into the button-hole is facilitated; a strong flexible spring, firmly secured and bearing on the end of the post, is produced, and the button is more durable, cheaper, and better than buttons of this class as heretofore made.

Having thus described my invention, I claim 50 as new and desire to secure by Letters Patent—

1. The combination with the button *a* and post *b*, of a shoe provided with the plate *d*, having the raised incline *e* and slot *f*, as described.

2. The combination, with the button *a* and the post *b*, of the shoe *c*, consisting of the plate *d*, provided with the raised incline *e*, the slot *f* to receive the post, the spring *g*, and the cap *h*, rolled over the plate *d* and the spring, as described.

3. The combination, with the post *b* and the plate *d*, having the slot *f*, of the spring *g*, one end of which rests on the plate *d* and is secured by the rolled-over edge of the cap *h*, as described.

ROBERT S. CUTTING.

Witnesses:

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