

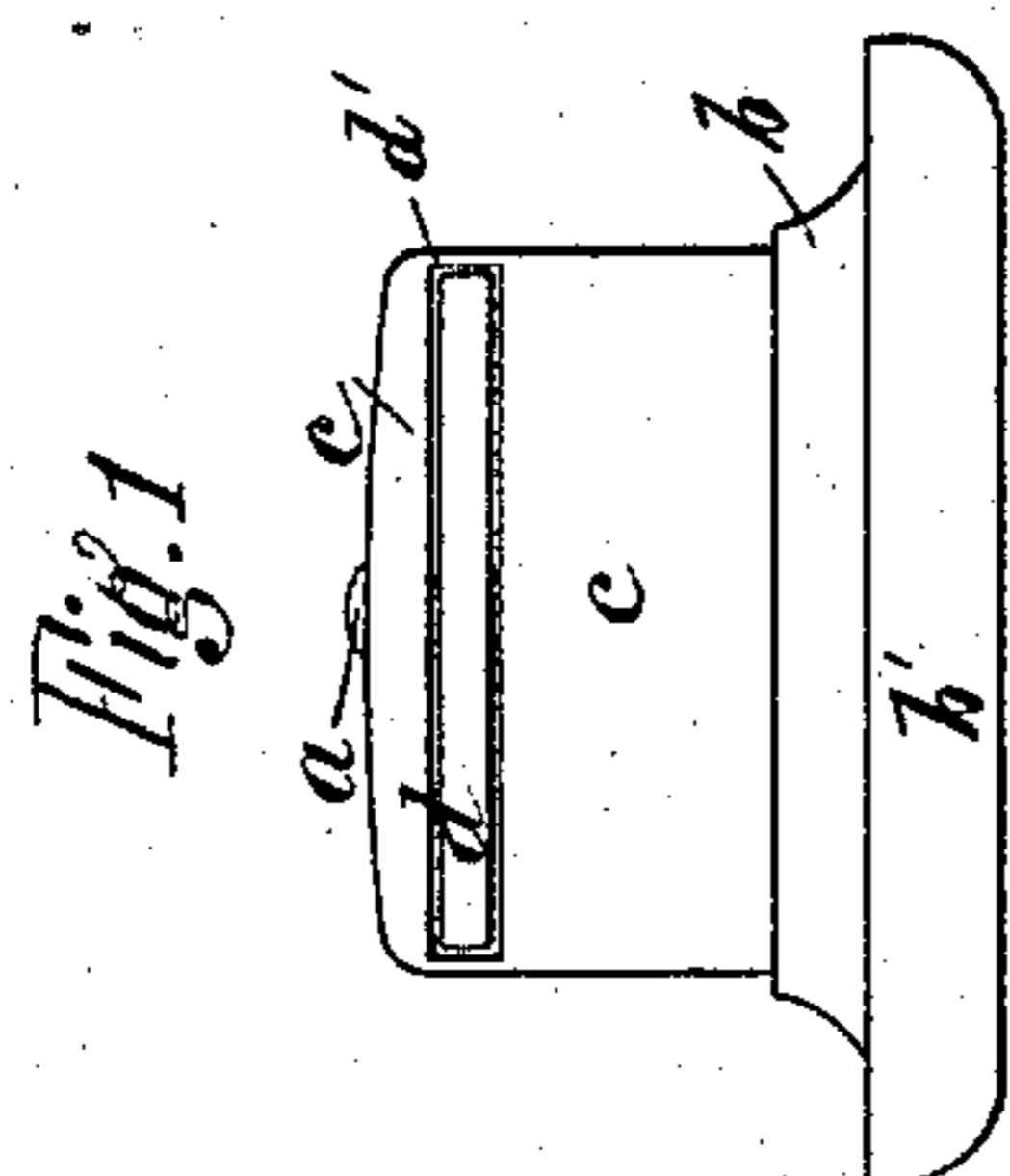
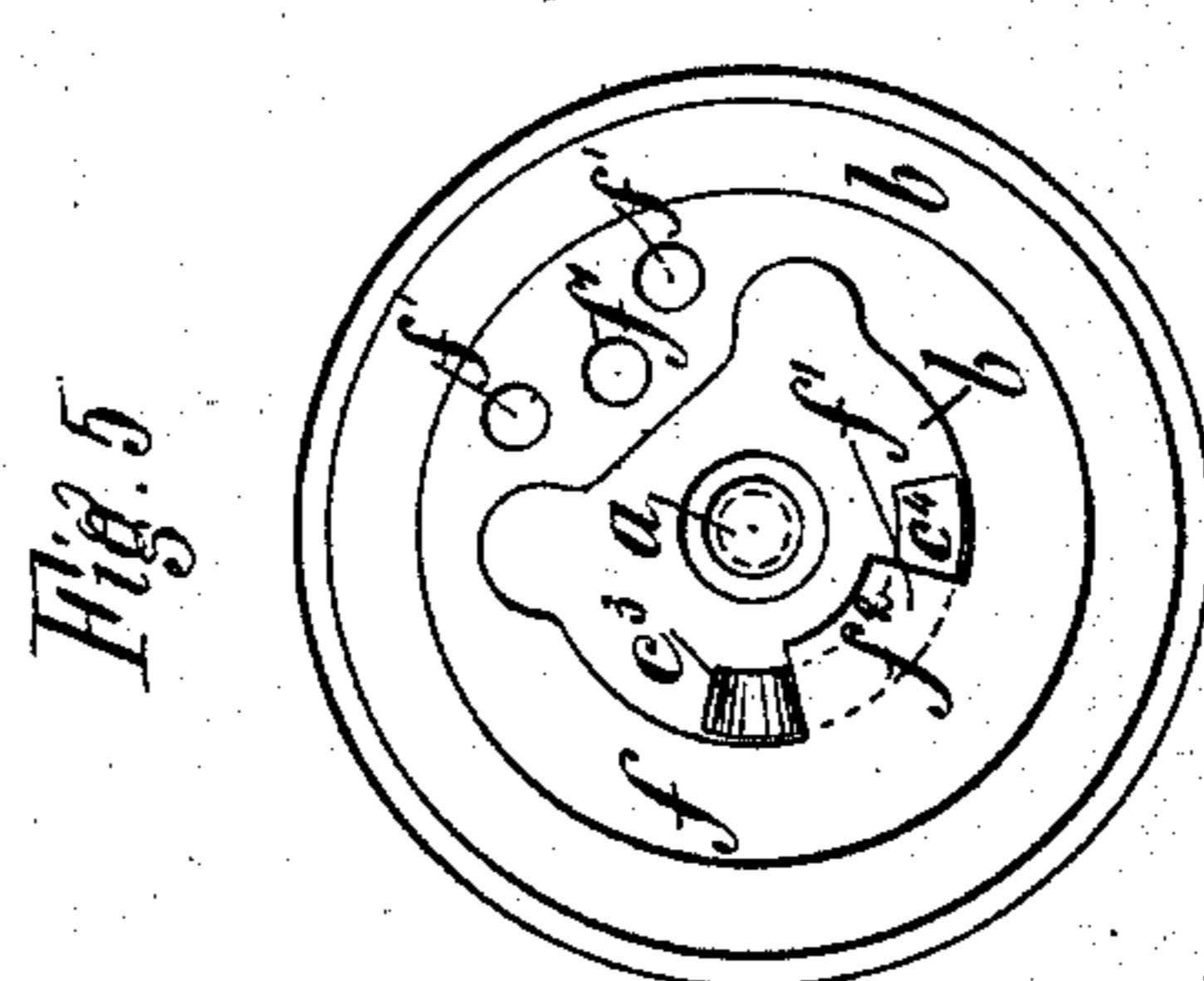
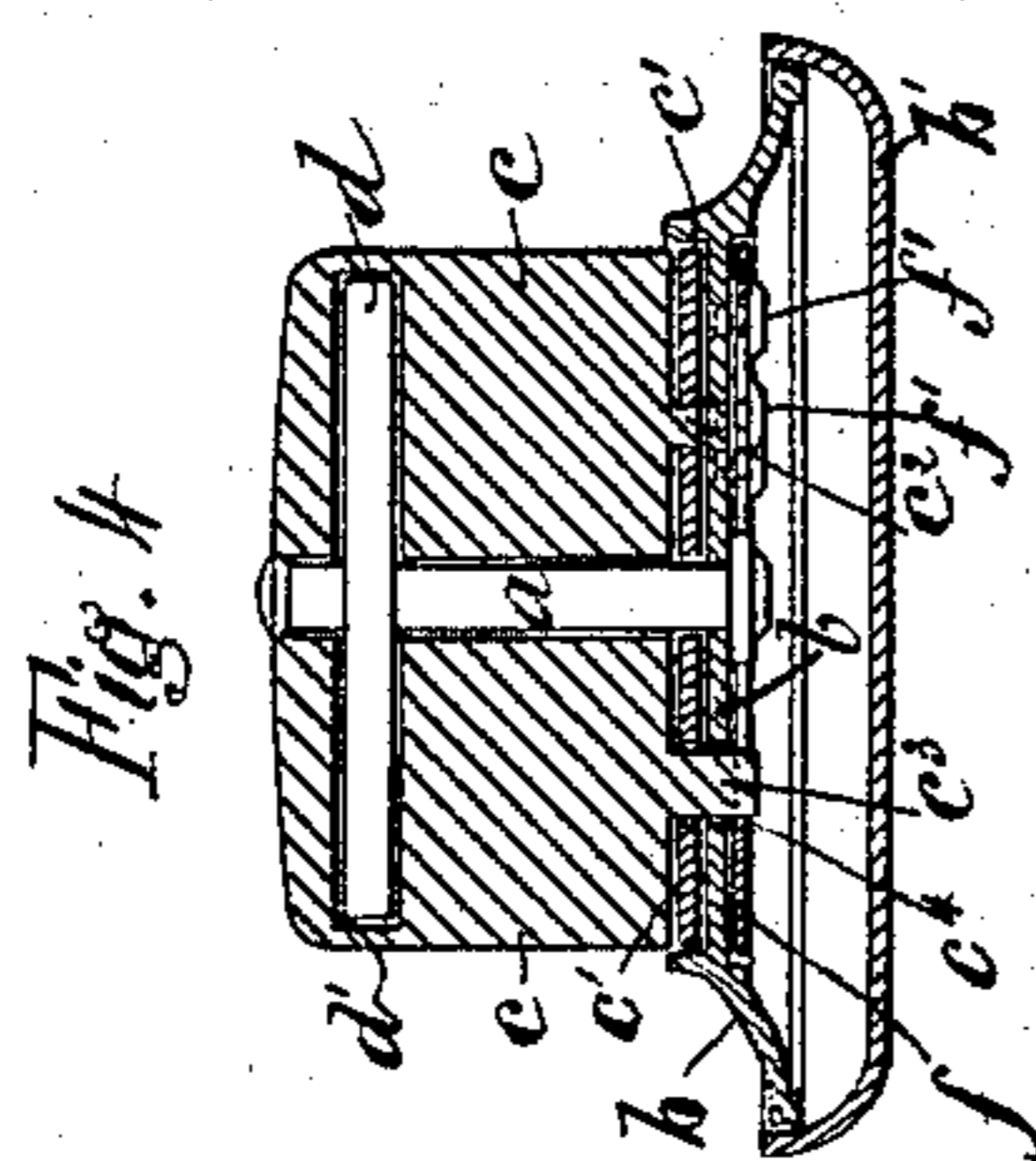
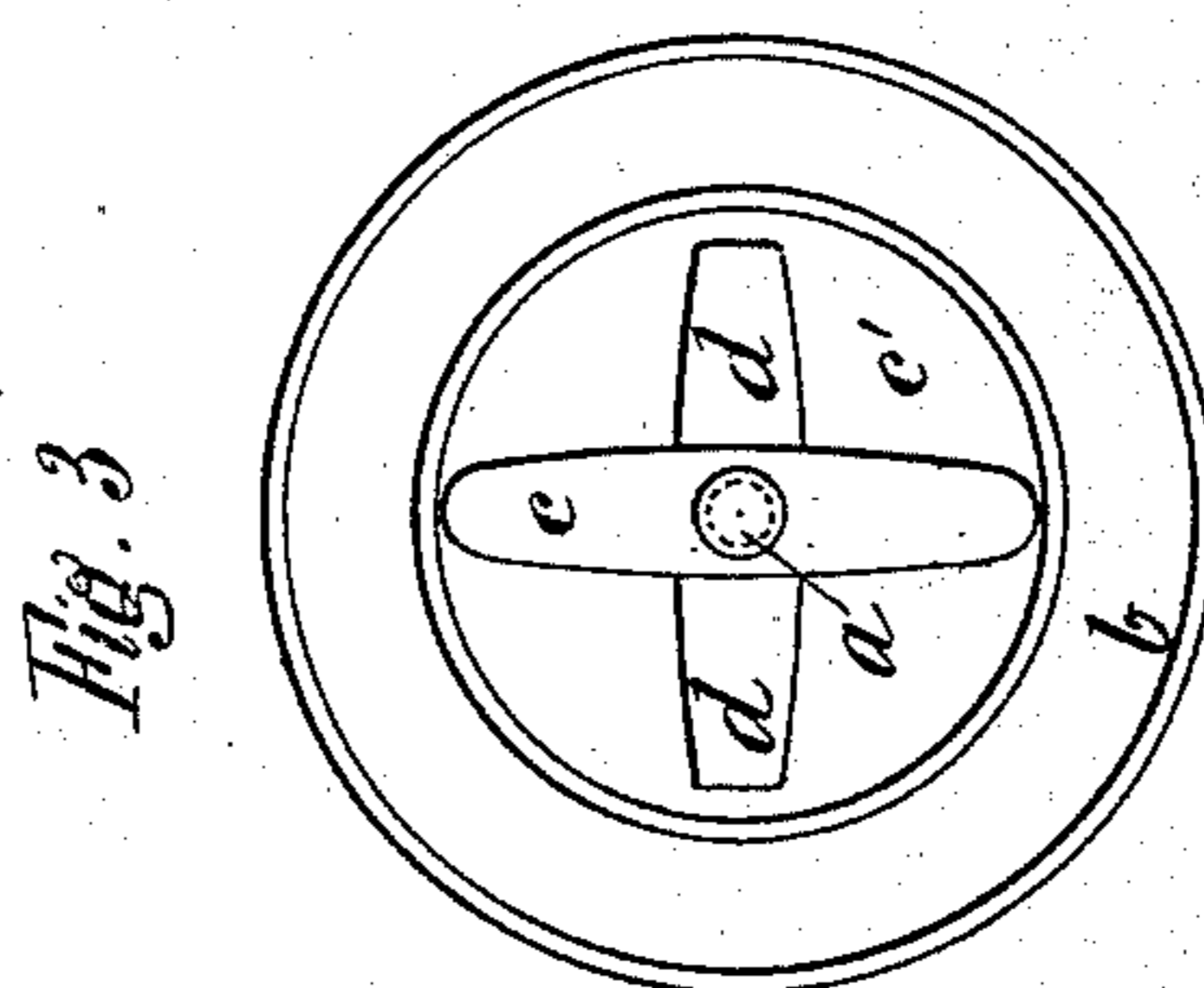
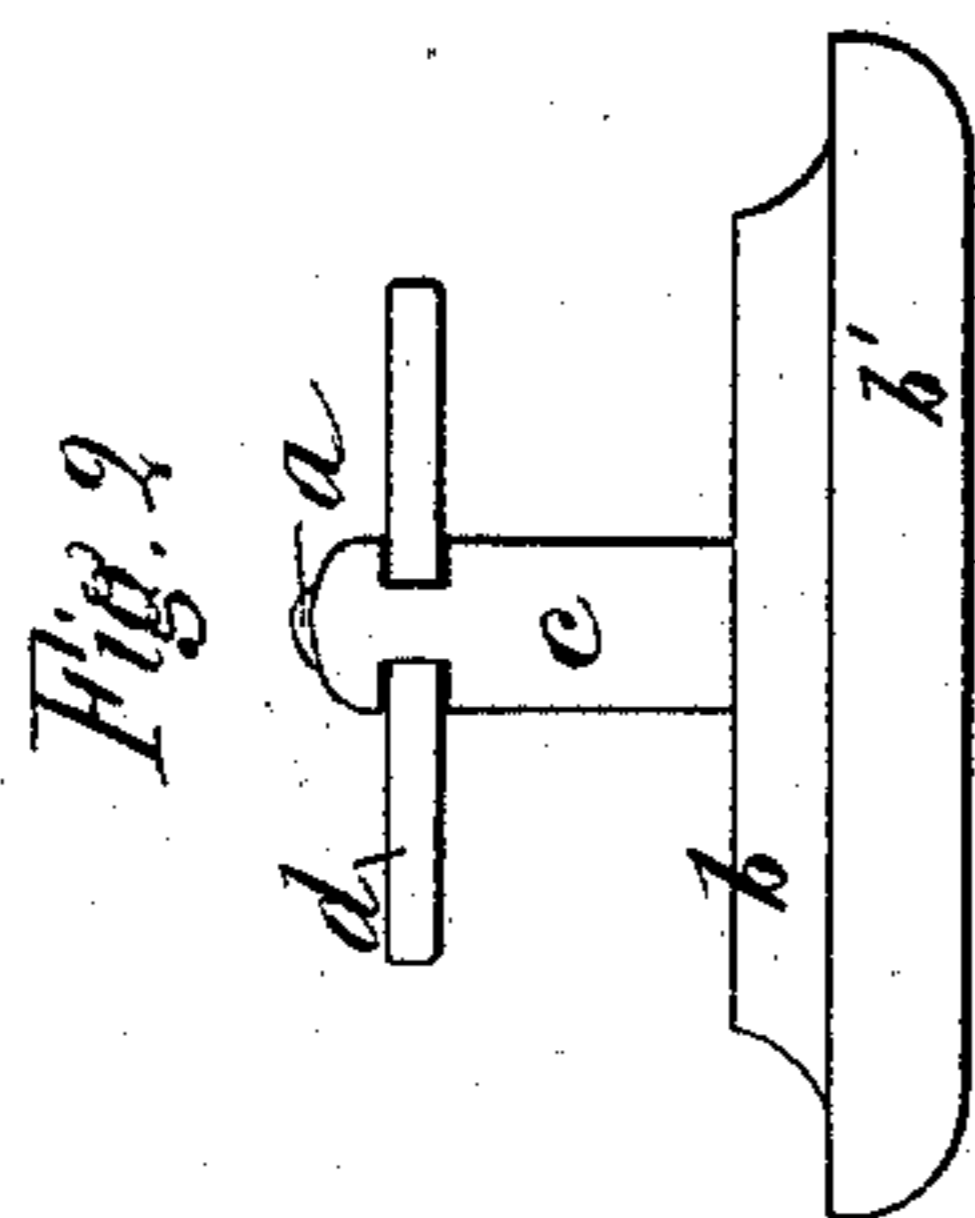
(No Model.)

M. DEHAYES.

BUTTON FOR SLEEVES OR OTHER ARTICLES.

No. 413,315.

Patented Oct. 22, 1889.



Witnesses:
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UNITED STATES PATENT OFFICE.

MARIE DEHAYES, OF PARIS, FRANCE.

BUTTON FOR SLEEVES OR OTHER ARTICLES.

SPECIFICATION forming part of Letters Patent No. 413,315, dated October 22, 1889.

Application filed January 14, 1889. Serial No. 296,244. (No model.)

To all whom it may concern:

Be it known that I, MARIE DEHAYES, a citizen of the Republic of France, residing in the city of Paris, in said Republic, have invented a new and useful Improvement in Buttons for Sleeves or other Articles, of which the following is a specification, reference being had to the accompanying drawings.

I will first describe my invention with reference to the drawings, and then point out its novelty in claims.

Figures 1 and 2 are side views at right angles to each other of a button constructed according to my invention. Fig. 3 is a back view of the same. Fig. 4 represents a central section parallel with Fig. 1. Fig. 5 is a front view of the bottom with the face removed.

Similar letters of reference designate corresponding parts in the several figures.

The principal parts of the button are a plate *b*, which forms the base of the button-head; a post *c*, which is intended to be received in two button-holes of the sleeve, cuff, or other article; a cross-bar *d*, which forms the back of the button, and a pin *a*, to which both the base *b* and cross-bar *d* are rigidly secured, the said pin passing through the post central thereto and lengthwise thereof and being capable of turning therein. The base *b* may be covered by an ornamental cap *b'*, which forms the face of the button, or be fitted with a stone or otherwise covered or ornamented as may be desired.

The post *c* is of a flattened form in its transverse section to enter the button-holes. In both examples represented the transverse section is of substantially elliptical form. (See Fig. 3.) Near its rear end it is slotted transversely inward of the outer end of the post *c*, as shown at *d'*, to receive within it the cross-bar *d*. The said post is firmly secured to a circular plate *c'* in any suitable manner, as by a rivet *c''*. Said plate is situated within a circular recess formed in the back of the base *b*. The post *c* and the plate *c'* are prevented from being detached from the base *b* by the pin *a*.

The several parts being assembled as above described, the base *b*, the pin *a*, and the cross-bar *d* are capable of turning together relatively to the post *c* and the plate *c'*, the plate

c' serving to assist in keeping the parts in proper central relation to each other. The turning movement of the base *b* and its attached parts relatively to the post *c* is limited to a quarter-revolution by means of a projection *c''*, provided on the post *c*, passing through an arc-shaped opening *c'''* provided in the base *b*. This opening is represented in Fig. 5 as concentric with the pin *a* and base *b*. To the face of the base *b* there is firmly secured by rivets *f'* a spring *f*, which spring is adapted to secure the projection *c''* at either end of the opening *c'''*, into which said projection may be moved, thus, together with the ends of the opening *c'''*, acting as a stop to limit the rotation of the bar *d* beyond a quarter-turn in either direction. In rotating the bar *d* the projection *c''* passes beneath a projection *f''* on the spring *f*, thus raising the spring; but when the projection *c''* has passed beyond the projection *f''* in either direction the latter is sprung downwardly behind the projection *c''*, thus acting as a stop, as previously described. The cross-bar *d* is thus held in a position crosswise of the post *c*, as shown in Fig. 3, or in a position parallel therewith, in which it lies entirely within the slot *d'* of the post, according to the direction in which the pin *a* has been rotated. In Figs. 4 and 5 this spring *f* is represented as in the form of a ring. The ring-spring *f* is secured upon one side only.

When the cross-bar *d* is brought within the post, the post may be easily inserted within the button-holes, and after its insertion the turning of the button-head will turn the cross-bar *d* across the button-hole and so secure it, the bar being kept across the length of the button-hole by reason of the flattened form of the post, which prevents the latter from turning in the button-holes. By placing the bar *d* also within a slot *d'*, which is inward of the outer end of the post *c*, the latter cannot be canted in the direction of the length of the holes, so as to move one end of the post *c* out of the button-holes.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination, in a button, of a flattened post having in it a transverse slot arranged wholly inward of the end thereof and extending in the direction of greatest width

of the post, a pin arranged centrally and longitudinally within said post to turn therein, a button-head fast on one end of the said pin, and a cross-bar fast on said pin within the slot of the post and adapted to lie either within the said slot or crosswise of the post, the outer end of the post extending over said cross-bar, substantially as and for the purpose herein described.

2. The combination, in a button, of a flattened post having in it a transverse slot arranged wholly inward of the end thereof and extending in the direction of greatest width of the post, a pin arranged centrally and longitudinally within said post to turn therein, a cross-bar fast on said pin near one end thereof and within the said slot in the post, a button-head on the other end of said pin, having in it

an arc-shaped opening, a projection on the post passing through said opening, and a spring secured upon one side to the button-head and provided with a projection adapted to engage with said projection on the post to hold the latter after it has been moved to either end of said opening, for the purpose of holding the cross-bar within the slot in the post or crosswise of the post, substantially as herein set forth.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

MARIE DEHAYES.

Witnesses:

CHARLES ASSI,
ALAIDE FABE.