

No. 644,894.

Patented Mar. 6, 1900.

S. CARLIN.

COMBINED CUFF BUTTON AND FASTENER.

(Application filed Oct. 13, 1899.)

(No Model.)

Fig. 1.

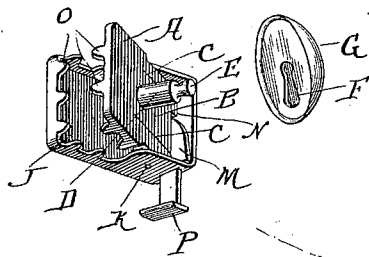


Fig. 2.

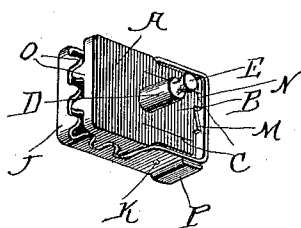


Fig. 3.

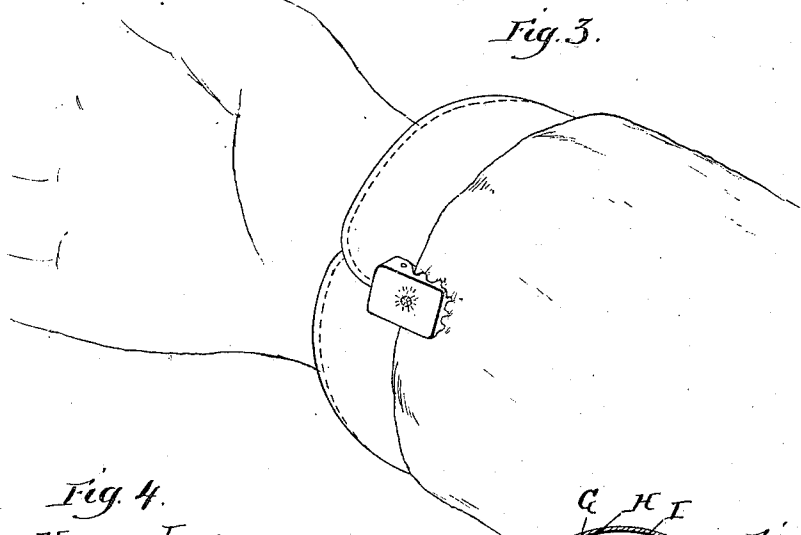


Fig. 4.

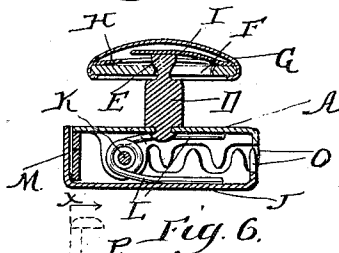


Fig. 6.

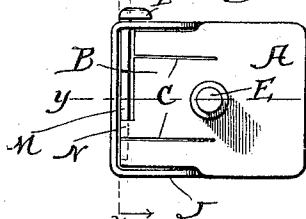


Fig. 7.

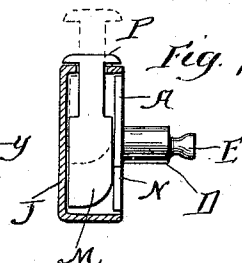


Fig. 5.

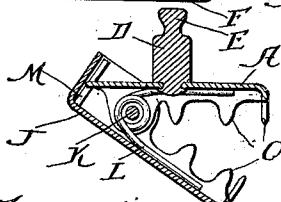
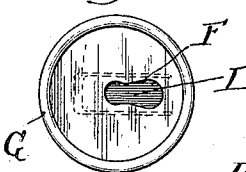


Fig. 8.



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UNITED STATES PATENT OFFICE.

SIMON CARLIN, OF PHILADELPHIA, PENNSYLVANIA.

COMBINED CUFF-BUTTON AND FASTENER.

SPECIFICATION forming part of Letters Patent No. 644,894, dated March 6, 1900.

Application filed October 13, 1899. Serial No. 733,457. (No model.)

To all whom it may concern:

Be it known that I, SIMON CARLIN, a subject of the Czar of Russia, residing at Philadelphia, county of Philadelphia, and State of Pennsylvania, have invented a certain new and useful Improvement in a Combined Cuff-Button and Fastener, of which the following is a specification.

My invention relates to a new and useful improvement in combined cuff-buttons and fasteners; and has for one object to provide an exceedingly simple and effective device of this description which, while comprising a cuff-button, will serve to hold the cuff in place without the necessity of attaching it to the shirt-sleeve.

A further object of my invention is to provide a simple and effective means for securing the shank of the cuff-button within the buttonholes of the cuff; and a still further object of my invention is to provide means for compensating for varying thicknesses of coat-sleeves when the clamp is brought into action.

With these ends in view this invention consists in the details of construction and combination of elements hereinafter set forth and then specifically designated by the claims.

In order that those skilled in the art to which this invention appertains may understand how to make and use the same, the construction and operation will now be described in detail, referring to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a perspective of a combined cuff-button and fastener, the fastener being open and the back of the button removed; Fig. 2, a perspective of the head of the cuff-button, the fastener being closed. Fig. 3 represents the button and fastener in use; Fig. 4, a section at the line *y y* of Fig. 6, showing the internal construction of the button and fastener; Fig. 5, a similar view showing the fastener open and the back of the button removed from the shank; Fig. 6, a rear view of the button, the back being removed; Fig. 7, a section at the line *x x* of Fig. 6 looking in the direction of the arrows, and Fig. 8 a plan view of the back of the button.

In carrying out my invention as here embodied, A represents the body of the button,

having a portion thereof made resilient, as indicated at B, by the slots C, for the purpose hereinafter set forth, and to this body is attached in any suitable manner the shank D. The shank terminates in the head E, adapted to pass within the keyhole-slot F, formed in the back G, which latter is composed of a flat disk and a suitable cup-shaped section secured thereto, the keyhole-slot being formed in the disk, as clearly shown. A plate-spring H is confined within the back and has a tongue partly cut therefrom lying immediately beneath the keyhole-slot, so that when the head of the shank is inserted within the enlarged portion of the slot and forced into the smaller portion thereof this tongue bears against said head, and thus securely holds it in place against accidental displacement. This, as is obvious, will permit the ready withdrawal of the shank when it is desired to remove the button from the buttonhole of the cuff.

If found more desirable for certain classes of cuff-buttons, the shank may be made secure in the back and the head formed upon the opposite end thereof, the keyhole-slot and spring-tongue being located in the body.

J represents the clamp of the fastener, which is pivoted at K to the body of the button, and the spring L is so arranged as to tend to force the clamp open to the position shown in Figs. 1 and 5, so that when this member is released it will spring open, and in order to facilitate the closing and securing the same in its closed position a slide-bar M is so arranged as to act upon the heel N of the body after the manner of a wedge, and by forcing this bar inward from the position shown in dotted lines to that shown in full lines in Figs. 6 and 7 the clamp will be closed, as will be readily understood.

The edges of the clamp and body have formed thereon the teeth O, which interlock, and thereby provide for a secure hold upon the sleeve.

In practice the shank is secured in the cuff by being passed through the buttonholes thereof and the back secured in place, as described, after which the cuff is placed upon the wrist and the clamp secured to the sleeve of the coat by being forced into this closed position through the inward movement of the

bar M, the latter having a head P on its outer end, so as to facilitate its manipulation.

An important feature of the fastener is that provision is made for properly claspingsleeves
5 of varying thicknesses by reason of the spring-section B, which gives when the goods are too thick to permit the teeth of the body and clamp to be entirely closed, and yet when
10 the sleeve is of thinner goods the spring-section causes the clamp to retain a firm hold thereon.

Of course I do not wish to be limited to the exact details of construction here shown, as these may be varied to a certain degree without departing from the spirit of my invention.
15

Having thus fully described my invention, what I claim as new and useful is—

1. As a new article of manufacture, a combined cuff-button and fastener consisting of
20 a body having a spring-section, a shank projecting from the body, a back adapted to be attached to the head of the shank and a spring-actuated clamp pivoted to the body carrying a sliding bar for the body.

25 2. A combined cuff-button and fastener, consisting of a body, a clamp pivoted thereto, a spring for forcing the clamp open, a bar arranged to close the clamp against the action of the spring, a shank projecting from the

body, a head formed upon the outer end of
the shank, a back having a keyhole-slot
formed therein for the reception of the head
of the shank, and a plate-spring located
within the back adapted to hold the shank in
position, as specified. 30

3. In combination with a cuff-button, a spring-section with a heel, a clamp hinged to the body, teeth formed upon said body and clamp, and adapted to interlock, a spring for forcing the clamp open, and a bar adapted to
40 engage the heel and close the clamp against the spring, as specified. 35

4. In a cuff-button, a body having a spring-section formed thereon by slotting the stock, a heel projecting from the spring-section, a
45 clamp pivoted to the body, a spring adapted to force said clamp open, a bar fitted to slide within the body, said bar being wedge shape and adapted to act upon the heel whereby the clamp may be closed by forcing the bar in-
50 ward, as specified.

In testimony whereof I have hereunto affixed my signature in the presence of two subscribing witnesses.

SIMON CARLIN.

Witnesses:

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