C. J. BRITT.

CUFF BUTTON.

APPLICATION FILED JAN. 2, 1918.

1,295,109. Patented Feb. 25, 1919.

Fig. 1

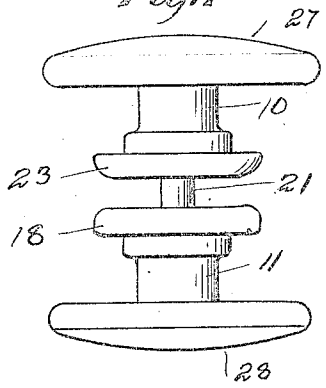



Fig. 2

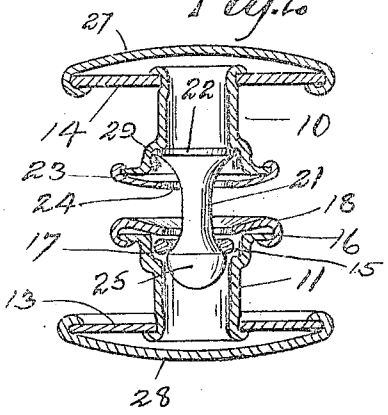



Fig. 4

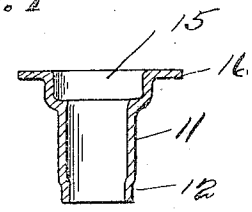
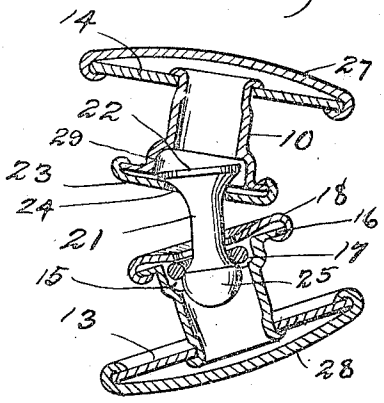



Fig. 3



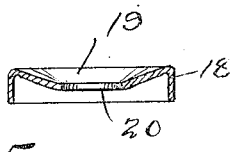




Fig. 5

Fig. 7

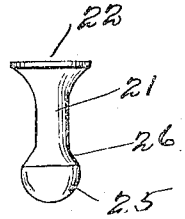






Fig. 6

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# UNITED STATES PATENT OFFICE.

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## CUFF-BUTTON.

1,295,109. Specification of Letters Patent. Patented Feb. 25, 1919.

Application filed January 2, 1918. Serial No. 210,086.

*To all whom it may concern:*

Be it known that I, CHARLES J. BRITT, a citizen of the United States, and resident of the city of Taunton, in the county of Bristol and State of Massachusetts, have invented certain new and useful Improvements in Cuff-Buttons, of which the following is a specification.

This invention relates to cuff buttons of the class constructed of two members detachably connected together, and the object of this invention is to provide a cuff button whose members may be readily connected to and disconnected from each other and are of a class more particularly designed for retaining soft cuffs; each member of the button having both an inner and an outer head, the inner of each being of a size to be passed through the button-hole of the cuff and at the same time remain in the cuff even when the members are disconnected one from the other.

A further object of the invention is the provision of a link member loosely retained at one end in one of the button members, the opposite button member being provided with means for releasably retaining the free end of this connecting link, whereby the buttons are permitted a free angular motion relative to each other so as to accommodate themselves to the natural shape or formation of the cuff when the parts are secured together.

With these and other objects in view, the invention consists of certain novel features of construction, as will be more fully described, and particularly pointed out in the appended claims.

In the accompanying drawings:

Figure 1— is a side elevation showing the members of my improved separable button as connected together by the link.

Fig. 2— is a sectional side elevation of the button with the members connected together by means of the link engaging the spring ring.

Fig. 3— is a sectional side elevation showing the general position of the members when the buttons are set at an angle one to the other.

Fig. 4— is a sectional view of the post portion of the button members.

Fig. 5— is a view of the concave cap for the inner head, the concavity of which serves to guide the link-head into the spring which is held in its post.

Fig. 6— is a top view of the hardened spring ring.

Fig. 7— is a side elevation of the hardened connecting-link member.

Referring to the drawings, the shank members 10 and 11 respectively, of the opposite button members are similarly formed, each being in a tubular shape having its outer end slightly reduced as at 12 to form a shoulder and be passed through and rolled over on the inner side of the back plates 13 and 14 of the opposite outer head members to which plates ornamental fronts 27 and 28 of any design may be attached.

The inner end of each of these tubular posts is enlarged to provide a recess 15 for the reception of members, presently described, the end of each being turned outward to provide a flange 16 over which the edge of the inner cap 23 is rolled.

A hardened spring ring 17 is loosely mounted in the recess of the button shank 11 and a cap 18 concaved as at 19 on its outer face is secured to this flange 16, to hold the ring in place. This cap is provided with a suitable central opening through which the head of the link is guided and conducted by this concavity of this face into engagement with this spring ring 17.

In order to provide a very loose connection between these link members so as to permit them to be positioned at an angle one to the other, and conform readily to the natural shape of the cuff when held thereby, I have provided a link member 21 which is preferably formed of hardened steel, one end 22 of this link being enlarged and flattened on its outer end, said enlarged portion fitting loosely in the recess 29 of the shank member 10, the flattened portion serving as a seat to rest on the bottom of this recess 29 and so prevent the link from tipping over or moving from side to side while the bottom members are being pressed together to force the ball end of the link into engagement with the spring ring. The outer edge of the cap 23 is rolled over that of the corresponding flange on the inner end of shank 10, the cap being provided with an opening 24 of a size to permit a free movement of the link and to prevent the link from being entirely disengaged from its post. The opposite end 25 of this link is enlarged and formed preferably into a ball or tapered head which will readily pass through the spring ring 17. A shoulder 26 is formed

on the under side of the head whereby the ring will prevent the head from being too readily withdrawn therefrom.

By the construction of my improved cuff button it will be seen that I have obtained a number of advantages over other buttons of a similar character; first, I form the wearing parts which are the link member 21 and the spring ring 17 both of hardened or tempered steel, as it is found in practice that constant connecting and disconnecting of these buttons serve to wear the post 21 and the gripping member 17 to such an extent that they soon come apart so easily as to be entirely useless, whereas by my improved construction the hardened members will not wear but will retain their maximum efficiency indefinitely; second, by connecting the two button members with a link loosely mounted in both the members they are permitted to adjust themselves automatically to the shape of the cuff parts and set at considerable of an angle to each other; third, by permitting the link member to yield to the movements of the button members these members will not come apart while under a strain while set at an angle to each other; and fourth, by providing a flat end 22 on one head of the link, the latter is supported in alinement with the axis of the link while the two button members are being pressed and connected together.

The foregoing description is directed solely toward the construction illustrated, but I desire it to be understood that I reserve the privilege of resorting to all the mechanical changes to which the device is susceptible, the invention being defined and limited only by the terms of the appended claims.

I claim:

1. A separable button comprising a pair of separable members, each having a short shank with an ornamental head at its outer end, one of said shanks being recessed in its outer end and a link member having an enlarged flat head at one end loosely retained in said recess and also having an enlarged head at its opposite end and spring means in the corresponding end of the opposite shank for releasably engaging said enlarged free end of said link member.

2. A separable cuff button comprising a pair of separable members, each having a short shank with an ornamental head at its outer end and a recessed portion at its inner end, a spring ring loosely retained in the recess of one member and a link member having one end loosely retained in the recess of the opposite member, said link having a head on its free end adapted to releasably engage said ring.

3. A separable cuff button comprising a pair of separable members, each having a short shank with an ornamental head on its outer end and a recess on its inner end, a spring ring loosely retained in the recess of one shank, and a link member having an enlarged flat head at one end loosely retained and adapted to seat in the recess of the other shank, the free end of said link being enlarged and adapted to enter and be releasably retained by said spring ring.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES J. BRITT.

Witnesses:
HOWARD E. BARLOW,
A. F. MACREADY.