Sept. 9, 1924. 1,507,568

A. H. BACON

CUFF BUTTON

Filed Nov. 9, 1923

Fig. 1.

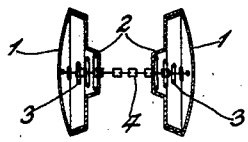


Fig. 2.

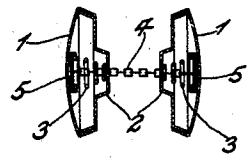


Fig. 3.

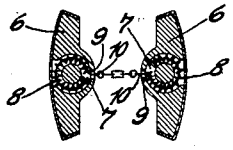
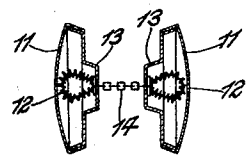


Fig. 4.



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UNITED STATES PATENT OFFICE.

ALLAN H. BACON, OF ST. LOUIS, MISSOURI.

CUFF BUTTON.

Application filed November 9, 1923. Serial No. 673,712.

To all whom it may concern:

Be it known that I, ALLAN H. BACON, a citizen of the United States, residing at the city of St. Louis, Missouri, have invented a new and useful Cuff Button, of which the following is a specification.

This invention relates to cuff buttons.

An object of the invention is to provide an improved cuff button comprising a pair of separate button members, each enclosing a spring and a flexible connection from one spring to the other.

Other objects will appear from the following description, reference being made to the drawing in which—

Fig. 1 is a sectional view showing one form of the invention.

Fig. 2 is a sectional view showing an alternative form of the invention.

Fig. 3 is a sectional view showing still another form of the invention.

Fig. 4 is a sectional view showing another form of the invention.

In the embodiment shown in Fig. 1 the two button members 1 are hollow, the inner side of each being provided with a spring seat 2. Each of the button members encloses a conical coiled spring 3, said springs having their larger ends or bases in the spring seats 2 and their smaller ends or apexes extending outwardly. A flexible connection 4 extends through holes in the bottoms of the spring seats 2 and through the springs to connections with the apex end of the springs. The springs are normally extended, holding the button members relatively close together, but when the cuff is drawn upwardly upon the arm the springs compress and permit the button members to spread apart.

In the construction shown in Fig. 2 the button members 1 are likewise provided with spring seats 2 on their inner sides and enclose conical coiled springs 3 which have their smaller ends or apexes in the spring seats 2. A flexible connection 4 extends through holes in the bases of the spring seats 2 and through the springs 3 to connection with discs 5 secured to the outer larger ends of the springs 3. The action of the springs 3 in this form is much the same as the springs in the form shown in Fig. 1, both springs being preferably wound in such a way that they may be compressed to nearly flat positions in which positions they form spirals.

In the embodiment of the invention shown in Fig. 3 each button member 6 has a circular recess 7 enclosing a coiled spring 8 which is normally extended. Relatively small holes 9 through the inner sides of the button members 6 have wires 10 passing therethrough and through the springs 8 to connection with the free ends of the springs 8. The springs 8 are normally extended as shown, but when the button members are drawn apart as by drawing the cuff upwardly upon the arm, said springs compress. When the cuff is returned to its normal position upon the arm the springs 8 expand to restore the button members to proper position for wear.

The form of the invention shown in Fig. 4 comprises a pair of hollow button members 11, each enclosing a looped coiled spring 12 having its ends bearing against the spring seats 13. A flexible connection 14 passes through holes in the spring seats and is looped through the springs 12. The springs 12 are normally expanded as shown, but when the button members are drawn apart, as by drawing the cuff upwardly upon the arm, the spring loops are reduced. When the cuff is returned to its normal wearing position upon the arm, the springs 12 expand reducing the exposed length of the connection 14 and drawing the button members closer together.

I do not restrict myself unessentially or to the exact forms of the invention shown,

but what I claim and desire to secure by Letters Patent is:—

1. A cuff button comprising a pair of hollow button members, a spring enclosed in each of said button members, and a flexible connection uniting said springs.

2. A cuff button comprising a pair of hollow button members, an expansible and compressible coiled spring enclosed in each of said button members, and a flexible connection uniting said springs.

3. A cuff button comprising a pair of hollow button members, an expansible and compressible coiled spring enclosed in each of said button members, means for holding said springs in proper position, and a flexible connection uniting said springs.

ALLAN H. BACON.