(No Model.)

R. E. BRUNACCI.

SLEEVE BUTTON.

No. 263,850. Patented Sept. 5, 1882.

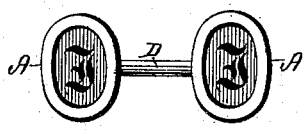

FIG. 1.

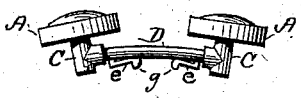

FIG. 2.

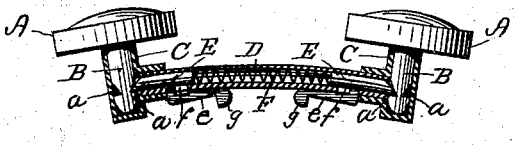

FIG. 3.

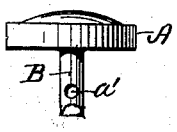

FIG. 4.

WITNESSES:

Harmon S. Babcock.

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INVENTOR:

Richard E. Brunacci

UNITED STATES PATENT OFFICE.

RICHARD E. BRUNACCI, OF ATTLEBOROUGH, MASSACHUSETTS, ASSIGNOR OF ONE-HALF TO ALMON W. TUCKER, OF SAME PLACE.

SLEEVE-BUTTON.

SPECIFICATION forming part of Letters Patent No. 263,850, dated September 5, 1882.

Application filed February 24, 1882. (No model.)

To all whom it may concern:

Be it known that I, RICHARD E. BRUNACCI, of Attleborough, in the county of Bristol and State of Massachusetts, have invented an Improvement in Sleeve-Buttons, of which the following is a specification.

My invention relates to that class of sleeve-buttons in which two button-heads are connected to each other by a bar extending from one button-hole to the other inside of the sleeve; and it consists in a sleeve-button having two button-heads with guiding-posts made separable from a rigid shoe or bar provided at its opposite ends with hollow posts for supporting the guiding-posts of the button-heads.

It also consists in the combination of the hollow posts and the connecting shoe or bar with spring-catch mechanism for locking the button-heads.

Figure 1 represents a front view of my improved sleeve-button provided with button-heads made in elongated form. Fig. 2 represents a side elevation of the same. Fig. 3 represents a longitudinal section with the button-heads and their guiding-posts in elevation. Fig. 4 represents a modification of the button-head post.

In the drawings, A A are the button-heads, provided with the rigidly-attached guiding-posts B B. The hollow posts C C, which serve to receive the guiding-posts B B, are connected to each other by means of the rigid hollow bar or shoe D. At the opposite ends of the hollow bar D, with their ends entering slightly within the bore of the hollow posts C C, are placed the bolts E E, each provided with an arm, *e*, extending through the slots *f f* in the bar or shoe D, the forward and rearward movement of the bolts E being limited by the ends of the slots *f*. The outer ends of the arms *e e* are provided with slight spurs or knots *g*, for convenience in drawing back the bolts to unlock the button-heads. Within the hollow of the bar or shoe D, and between the inner ends of the bolts E, is placed the spiral spring F, made to press against the ends of the bolts E E, to force the bolts outward. The button-head posts B B are provided with flattened opposite notches *a a*, which serve, in connection with the flattened ends of the bolts E E, to preserve the major axes of the heads A A in a parallel position, as shown in Fig. 1.

A modification of the notched post is shown in Fig. 4, in which the post is represented as being perforated from side to side at *a'*, so that the end of the bolt E may enter therein from either side of the post, and thus securely prevent the button-head from turning about the axis of the post; but in case the button-heads A A are made circular, then a circumferential groove made around the post may be employed. The lower end of the post B is to be rounded or beveled, according to the requirement of the form of notch employed, in order that in pressing the post B within the post C the bolt E may be forced back by the action of the end of the post against the projecting end of the bolt.

I claim as my invention—

1. In a button, the combination of two hollow posts connected to each other by a rigid shoe or bar inclosing a spring-operated locking mechanism with two button-heads provided with attached guiding-posts adapted to engage with the spring-operated locking mechanism of the shoe to hold the button-heads detachably, substantially as described.

2. In a button, the combination of two rigidly-connected hollow posts and a spring-operated locking mechanism with two button-heads made in elongated form, and provided with guiding-posts adapted to preserve the parallelism of the axes of the elongated button-heads when under the action of the locking mechanism, substantially as described.

3. In a button, the combination of two hollow posts connected to each other by a slotted hollow bar with two spring-operated locking-bolts provided with arms extending through the slots of the hollow bar for operating the bolts to release the button-heads, and two button-heads provided with guiding-posts adapted to receive the ends of the spring-operated locking-bolts, substantially as described.

RICHARD E. BRUNACCI.

Witnesses:

SOCRATES SCHOLFIELD,

HARMON S. BABCOCK.