(No Model.)

J. B. WILLIAMS.

CUFF BUTTON.

No. 306,199. Patented Oct. 7, 1884.

Fig. 1.

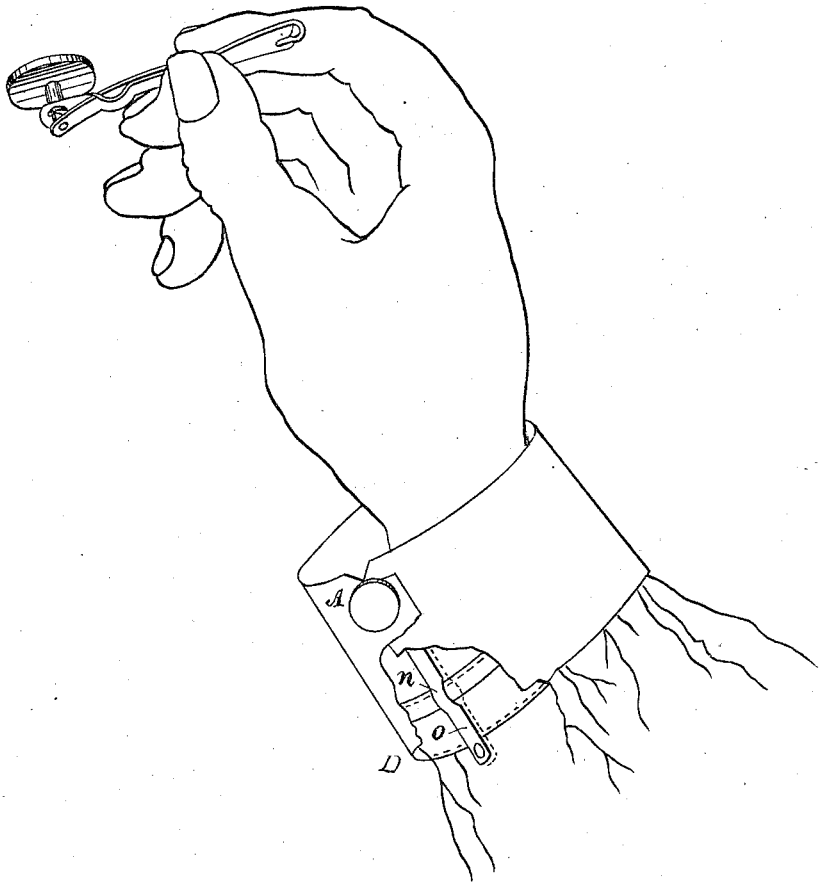


Fig. 3.

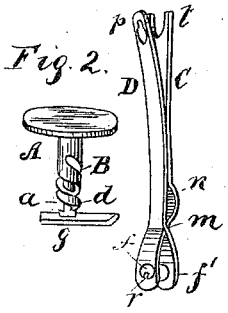


Fig. 2.

Fig. 4.

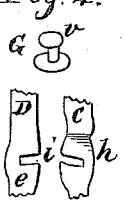
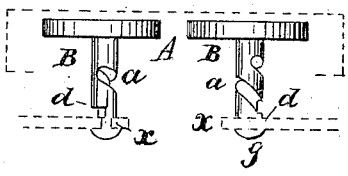


Fig. 5.



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JAMES B. WILLIAMS, OF BOSTON, MASSACHUSETTS.

CUFF-BUTTON.

SPECIFICATION forming part of Letters Patent No. 306,199, dated October 7, 1884.

Application filed February 23, 1883. (No model.)

To all whom it may concern:

Be it known that I, JAMES B. WILLIAMS, of Boston, in the county of Suffolk, State of Massachusetts, have invented a certain new and useful Improvement in Cuff-Holders, of which the following is a description sufficiently full, clear, and exact to enable any person skilled in the art or science to which said invention appertains to make and use the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is an isometrical perspective view representing my improved button in use. Fig. 2 is a perspective view of a cuff-button forming a part of this cuff-holder. Fig. 3 is a perspective view of the clamp forming a part of this improved cuff-holder. Fig. 4 is a detail of parts of the clamp and a perspective view of an ordinary wristband-stud. Fig. 5 shows the said cuff-button in side elevation.

Like letters of reference indicate corresponding parts in the different figures of the drawings.

My invention relates, principally, to that class of cuff-buttons which are usually worn in detachable or false cuffs; and it consists in a button provided with a clamp or means for attaching the cuff to the wristband or wristband-stud of the shirt, the clamp being operated by the disk of the button or button proper, as hereinafter more fully set forth and claimed, by which a more desirable article of this character is produced than is now in ordinary use.

The nature and operation of the improvement will be readily understood by all conversant with such matters from the following explanation, its extreme simplicity rendering an elaborate description unnecessary.

In Fig. 2 of the drawings, A represents the disk or body of the button proper, and B its shank. The shank is spirally grooved, as seen at *a*, the body of the shank being cut away, as shown at *d*, to form a square shoulder, which extends circumferentially about one-half way around the shank and at right angles to the central axial line of the same.

In Fig. 3 a clamp is represented, consisting of two flattened levers, C D, loosely jointed at *m*, and provided with the holes *f f'* in their short arms, the lever D being nearly straight, and C bent, as shown. The joint *m* of the levers is formed by cutting a lateral slot, *e*, in the lever D, and a corresponding slot, *h*, in the lever C, but on the side opposite to that in D, each of the levers being respectively inserted in the slot of the other, and the two held together by the point *i* on the side of the lever C, this point being formed after the levers are coupled by hammering or "setting" down the edge of the lever C, which is made slightly wider than D at the joint for that purpose. The shank B passes through a hole, *f*, in the short arm of the lever C, its neck *x* being secured in a hole, *f'*, in the short arm of the lever D by means of the cap *g*, in such a manner as to permit the shank to be readily turned in either direction by the disk A without withdrawing the neck from its hole. A finger or stud, *r*, projects into the hole *f* and works in the groove *a* when the button is attached to the clamp, as described.

In the use of my improvement the clamp is passed through the button-hole of the cuff, as shown in Fig. 1, and its long arms slipped over the wristband of the shirt. The disk A is then turned to the right, causing the short arms of the levers to be brought together and the long arms to grasp the wristband and secure the cuff to the sleeve of the shirt in a manner which will be readily obvious without a more explicit description.

In the formation of the clamp the short arms of the levers are bent outwardly or separated, so that the long arms grasp the wristband firmly before the stud *r* reaches the shoulder *d*, and as the button is turned the short arms yield or spring sufficiently to enable the stud to pass under the shoulder and thereby lock the parts together.

The lever C is provided with a short bend or depression, *n*, to receive the hem of the wristband.

To enable the button to be secured to the wristband without grasping the same between the jaws of the clamp, I provide the lever D with a hole, *p*, in its outer or free end and bifurcate or slot the end of the lever C, as shown at *t;* but these may be omitted, if desired.

In attaching the cuff by means of the hole and slot the button A is turned to open the long arms of the levers to their fullest extent. The slotted end *t* is then passed over or astride the neck of the ordinary wristband-stud, G, after which the disk A is turned to cause the long arms of the clamp to close and the head *v* of the stud to pass up through the hole *p*, the neck of the stud being in the hole *p*, and the slot *t* narrower than the width of the head *v*, it will be obvious that the clamp cannot be detached from the stud without turning back the disk and opening the jaws of the clamp, thereby preventing the clamp from being withdrawn from the stud.

I do not, however, confine myself strictly to the means shown for opening and closing the clamp, as this may be accomplished by other means than described, if desired; but I deem it essential, in order to attain the best results, that the outer end of the clamp should be connected with the button proper or some part thereof in attaching the cuff to the sleeve. Neither do I confine myself to using the hole *p* and slot *t*, as these may be omitted without departing entirely from the spirit of my invention.

What I claim is—

1. In a device for attaching a false cuff to a sleeve, the combination of two jointed clamping levers adapted to grasp the end of the sleeve and a cuff-button provided with means, substantially as described, whereby it is adapted to actuate said levers, substantially as set forth.

2. In a device for attaching a false cuff to a sleeve, the jointed levers D C, provided with the holes *f f'* and stud *r*, and the disk A, having the shank B, provided with the spiral groove *a*, combined and arranged to operate substantially as set forth.

3. In a device for attaching a false cuff to a sleeve, the lever C, provided with the slot *t*, and the lever D, provided with the hole *p*, in combination with mechanism, substantially as described, for opening and closing the levers, substantially as set forth.

4. In a device for attaching a false cuff to a sleeve, the lever D, provided with the slot *e*, and the lever C, provided with the slot *h*, the levers being held together by the point *i*, substantially as described.

5. The improved cuff-button described, the same consisting of the lever C, provided with the slot *t*, bend *n*, hole *f*, and stud *r*, the lever D, provided with the holes *p f'*, and the disk A, having the shank B, provided with the groove *a*, shoulder *d*, and neck *x*, constructed, combined, and arranged to operate substantially as set forth.

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