(No Model.)

E. ZÖLLER.

CUFF HOLDER.

No. 359,528. Patented Mar. 15, 1887.

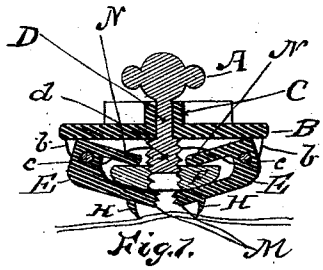


Fig. 1.

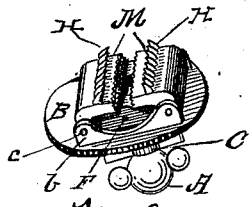


Fig. 3.

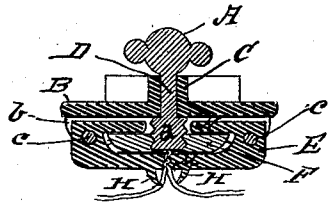


Fig. 2.

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UNITED STATES PATENT OFFICE.

EDMUND ZÖLLER, OF INDIANAPOLIS, INDIANA.

CUFF-HOLDER.

SPECIFICATION forming part of Letters Patent No. 359,528, dated March 15, 1887.

Application filed April 9, 1886. Serial No. 198,383. (No model.)

To all whom it may concern:

Be it known that I, EDMUND ZÖLLER, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented certain new and useful Improvements in Cuff-Holders; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The object of my invention is to fasten the cuff to the sleeve of the shirt at any desired height with ease and security. This object I accomplish by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a sectional view of my invention, showing the jaws open ready to be fastened to the shirt-sleeve; Fig. 2, a sectional view of the same, showing the jaws closed and grasping a fold of the shirt-sleeve; Fig. 3, a perspective view of my invention, showing the teeth on the jaws and the downwardly-projecting claws.

A is the head or cap, B the shoe, and C the stem, together forming a button, which is inserted in the button-hole of the cuff in the same manner as other buttons.

The shoe B has a hole through its center, and the stem C, which is round and hollow, is fastened to the shoe so as to allow the pin D to pass through the hole in the shoe and up the stem to the cap. The cap is fastened to the upper end of the pin and not to the post. The cap is fastened to the pin in such a manner that by turning the cap the pin will be revolved. The lower end, *d*, of the pin is larger than the upper portion, and is larger in diameter than the hole in the shoe B, so that the increase in size of the end *d* forms a shoulder, which bears against the under face of the shoe B, and only allows the required length of the pin to enter the stem. The enlarged end *d* of the pin is provided with a screw-thread.

E E are two jaws, hinged by pins *c* to the lugs *b* on the under side of the shoe B. Each of these jaws has two lips, N and M. These lips are to engage the sides of the nut F, which works on the threaded end *d* of the pin D. By turning the pin D the nut will be raised or lowered and will press against the lips, causing the jaws to open or shut, according to the direction in which the screw is turned. The lower jaws, M, are long enough to meet when pressed together, thus forming a clamp that will securely hold a fold of the shirt-sleeve.

To make the grasp more certain, the contacting edges may be provided with teeth, as shown in the drawings. The series of downwardly-projecting claws H on the jaws M, I have found are very essential to the success of my invention, as otherwise the jaws M, when pressed against the shirt-sleeve and clamped together, are apt to pinch the arm. These claws are sharp enough to engage the cloth of the sleeve, and when brought toward each other by turning the cap and screw will cause the cloth to double up into a fold that is more readily grasped by the jaws M. The claws H are long enough to hold the jaws M away from the flesh, and as they do not come together themselves there is no possibility of pinching the flesh.

In practical operation the cap A is passed through the button-hole of the cuff, the same as an ordinary cuff-button. The cuff is then placed at the proper height on the sleeve, when, by simply pressing down on the cap A and giving it a turn, the cuff will be instantly and securely fastened.

I have here described what I consider the best method of giving motion to the jaws—that is, by using a quick-acting screw; but I am aware that a slotted cam can be made to open and close the jaws, but not in as satisfactory a manner; but in all cases the two jaws provided with the claws H and hinged substantially as I have shown will be required to make a perfect fastener; and, therefore,

I wish to claim—

1. The cuff-holder herein described, consisting of a button having a pair of recessed jaws pivoted to the head thereof, a nut seated in the recess in the jaws, a post, and a shoe, the post being screw-threaded to fit the nut and the jaws being opened or closed by turning the shoe, substantially as described.

2. The jaws E, hinged to the under side of the shoe of a cuff-button and adapted to be opened and closed from the top of the button, in combination with the shoe B, cap A, and stem C.

3. The jaws E, hinged to the under side of the shoe and provided with a series of claws, H, in combination with the cap A, shoe B, stem C, and mechanism, substantially as described, for opening and closing the jaws.

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

EDMUND ZÖLLER.

Witnesses:
GEO. N. ELLIOTT,
L. A. MINTURN.