

(No Model.)

L. F. BROOKS.
CUFF BUTTON.

No. 484,291.

Patented Oct. 11, 1892.

Fig. 1.

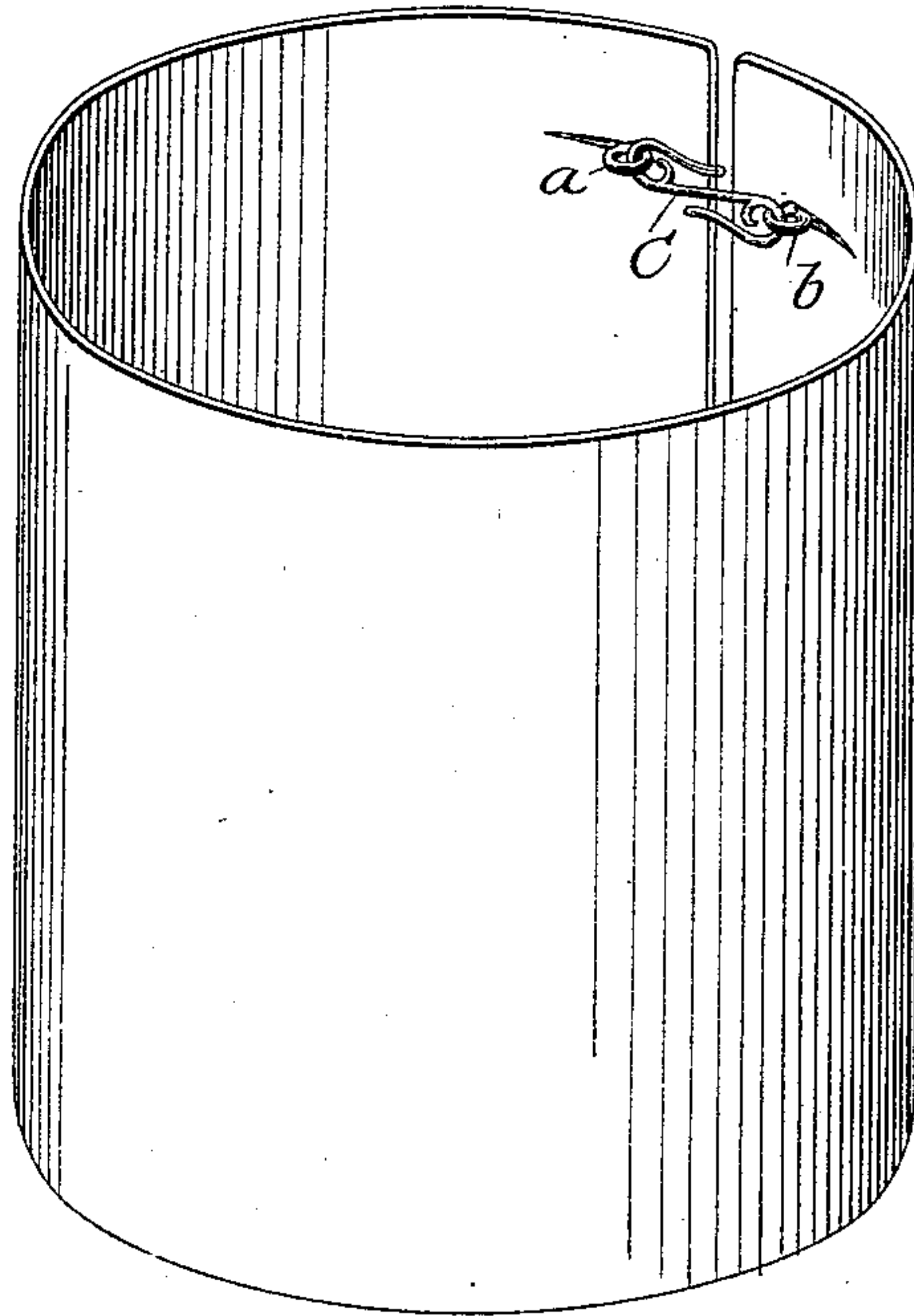


Fig. 2.

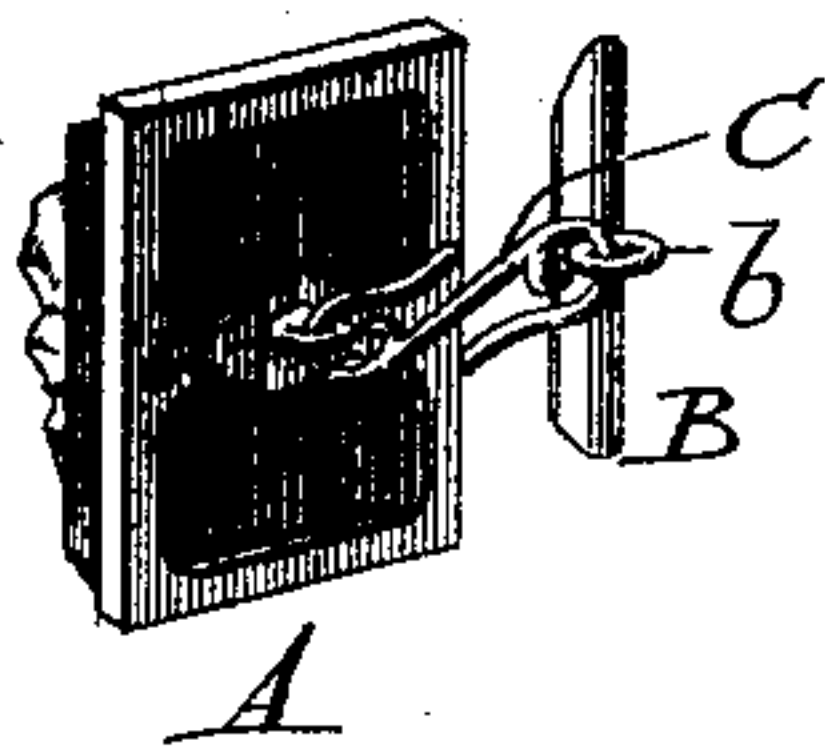


Fig. 3.



Witnesses;
Sidney P. Hollingworth
Patrus D. Long.

Inventor;
Luther F. Brooks,
by his attorneys
Baldwin, Davidson & Whit

UNITED STATES PATENT OFFICE.

LUTHER F. BROOKS, OF BOSTON, MASSACHUSETTS.

CUFF-BUTTON.

SPECIFICATION forming part of Letters Patent No. 484,291, dated October 11, 1892.

Application filed May 25, 1892. Serial No. 434,299. (No model.)

To all whom it may concern:

Be it known that I, LUTHER F. BROOKS, a citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Cuff-Buttons, of which the following is a specification.

My invention relates to what are known as "cuff-fastenings" or "link-buttons," in which two buttons or bars or a button and a bar are connected by a link detachably secured to one or both of the buttons or bars.

The object of my invention is to provide means for affording perfect security against accidental uncoupling and loss of the fastening or any of its parts.

According to my invention I provide a link having a spring-hook at each end, adapted to couple with eyes on the buttons or bars. The hooks are provided on their shanks within their prongs with curved stops which permit easy coupling of the link with the eyes of the buttons to prevent accidental disconnection therefrom.

In the accompanying drawings, Figure 1 is a view of a cuff with my improved fastening applied. Fig. 2 is a perspective view of my improved cuff-fastening, and Fig. 3 is a view of the link.

I have shown the cuff-fastening composed of a button A and a bar B, connected by my improved link C. The link is shaped like a pot-hook—that is, the central part or shank *c* is inclined and the prongs of the hooks are on opposite sides of the shanks. The button and bar are provided with eyes *a* and *b*, with which the hooks engage. It is obvious that when the hooks are engaged with the eyes the button and bar will be connected and will hold the edges of the cuff together, as indicated in Fig. 1, and that the link may be readily connected with and disconnected from the button and bar; but without some means for detaining the hooks in the eyes there is liability of accidental displacement. To avoid this, I provide each hook with a curved stop *c'*,

formed on or secured to the shank or inner part *c* within the prongs. These stops are each convex on one side and concave on the other. The distance between the ends of the stops and the inner sides of the prongs of the hooks is slightly less than the diameter of the wire forming the eyes *a* and *b*. As the hooks are somewhat elastic, the eyes readily pass by the stops when being inserted and wedge themselves between the curved or convex faces of the stops and the prongs; but when once within the stops they do not so readily pass by them and it is necessary to force the prongs from the stops before the buttons can be removed from the link. It is of course not necessary that both ends of the link should be in the form of a hook. One end may be permanently secured to the button or bar and the other end may be removable in the manner above described. When the eyes are within the stops, they are free to move back and forth, and when moved toward the ends of the shank they naturally seat themselves in the concave portions of the stops, instead of tending to force themselves out between the ends of the stops and the prongs. The strain, therefore, naturally comes on the stops instead of on the prongs.

I claim as my invention—

1. A cuff-fastening comprising a pair of buttons or bars provided with eyes and a link connecting them, having a hooked end with a stop on its shank projecting toward the prong of the hook.

2. A cuff-fastening comprising a pair of buttons or bars provided with eyes and a link connecting them, having a hooked end with a stop on its shank convex on one side and concave on the other and projecting toward the hook.

In testimony whereof I have hereunto subscribed my name.

LUTHER F. BROOKS.

Witnesses:

L. H. FISHER,
LLOYD B. WIGHT.