

I. F. EATON.

Means for Fastening Buttons.

No. 143,891.

Patented Oct. 21, 1873.

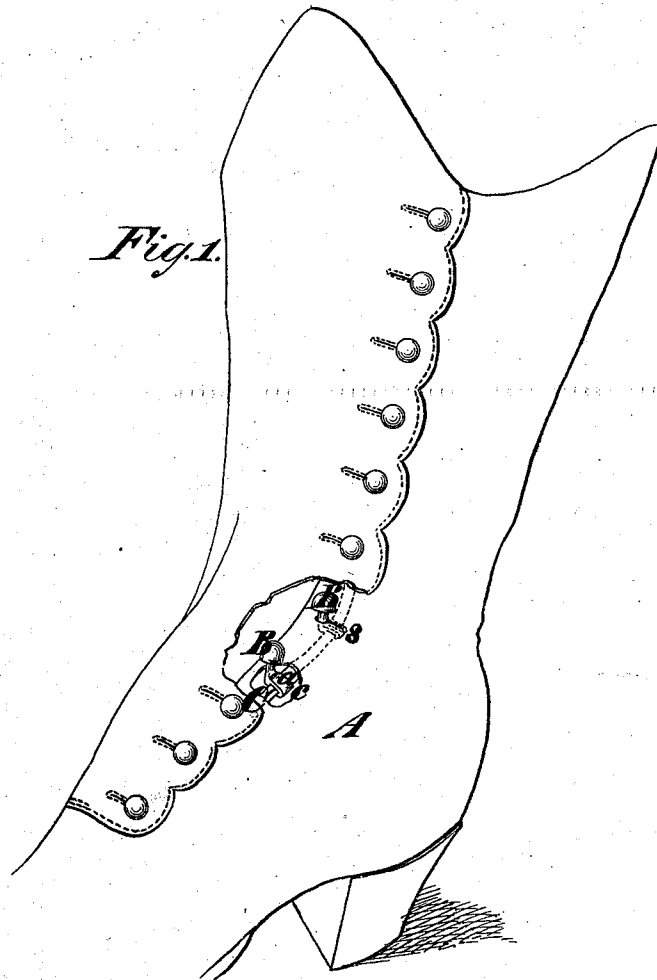


Fig. 2.

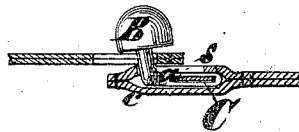
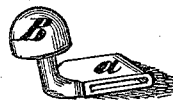


Fig. 3.



Witnesses:
John Becker
Fred. Humes

Isaac F. Eaton
by his Attorney
Brown & Allen

UNITED STATES PATENT OFFICE.

ISAAC F. EATON, OF BROOKLYN, NEW YORK, ASSIGNOR TO HIMSELF AND
EDWIN BOLITHO, OF SAME PLACE.

IMPROVEMENT IN THE MEANS FOR FASTENING BUTTONS.

Specification forming part of Letters Patent No. **143,891**, dated October 21, 1873; application filed
March 24, 1873.

To all whom it may concern:

Be it known that I, ISAAC F. EATON, of Brooklyn, in the county of Kings and State of New York, have invented an Improved Means for Fastening Buttons, of which the following is a specification:

This invention consists in the combination of a button having its shank flattened parallel or approximately parallel with its face, and a metallic ribbon fitting in a gullet formed for its reception in the boot, shoe, or other article to which the button is to be attached, whereby projections are obviated, and great facility is afforded for attaching the buttons and renewing them whenever necessary; and, moreover, should the article to which the buttons are fastened fit too tightly at any point, the adjacent buttons may be removed and others having longer shanks may be substituted for them to relieve the tightness.

In the accompanying drawing, Figure 1 is a perspective view of a shoe having its buttons fastened by means of my invention. Fig. 2 is a sectional view, showing more particularly the mode of fastening the buttons; and Fig. 3 is a perspective view of one of the buttons detached.

Similar letters of reference indicate corresponding parts in all three figures.

A represents a portion of a shoe, and B B are its buttons. The shanks of these buttons are bent over at an obtuse angle, as shown in Fig. 2, and the bent-over portions are flattened and slotted to form thin hoops *a a*. In the edge of the shoe to which they are fastened

there is formed a gullet, *c*, by doubling over or sewing two pieces of leather together. In the outer sides of this gullet, at regular intervals, are slits *s*, through which the loops of the button-shanks are inserted into it. A metallic ribbon, *C*, thin enough to be pliant, is inserted into this gullet from the outer end, and is threaded through the loops of the buttons.

Though shown in connection with a shoe, this invention is applicable to all garments and articles on which buttons are used.

By this means the buttons are very securely fastened to the shoe or garment, and withal can be readily detached, when desirable, to renew them. All projections on the inside of a garment are obviated, so that should it fit ever so tight the person will not be affected unpleasantly by the buttons. Moreover, should it be desirable to let out a garment at any point, the buttons may be removed, and others with longer shanks be substituted for them.

The metallic ribbon may easily be bent to conform to the curved edge of a garment whenever necessary.

What I claim as my invention is—

The combination of the button having its shank flattened parallel, or approximately parallel, to its face, and the metallic ribbon, substantially as and for the purpose herein set forth.

ISAAC F. EATON.

Witnesses:

MICHAEL RYAN,
FRED. HAYNES.