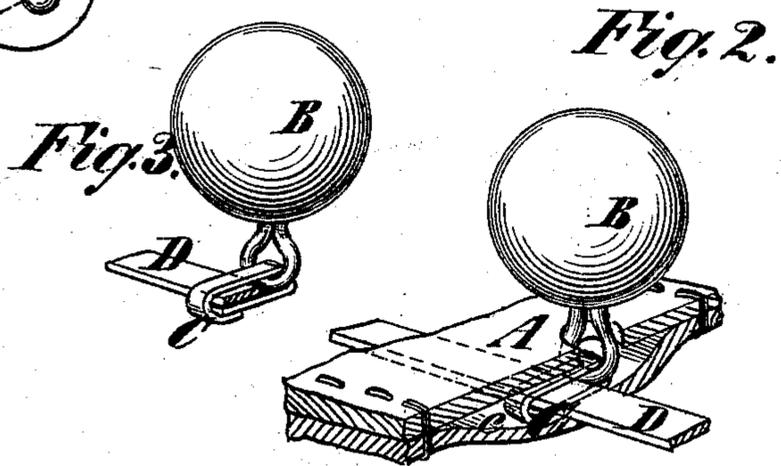
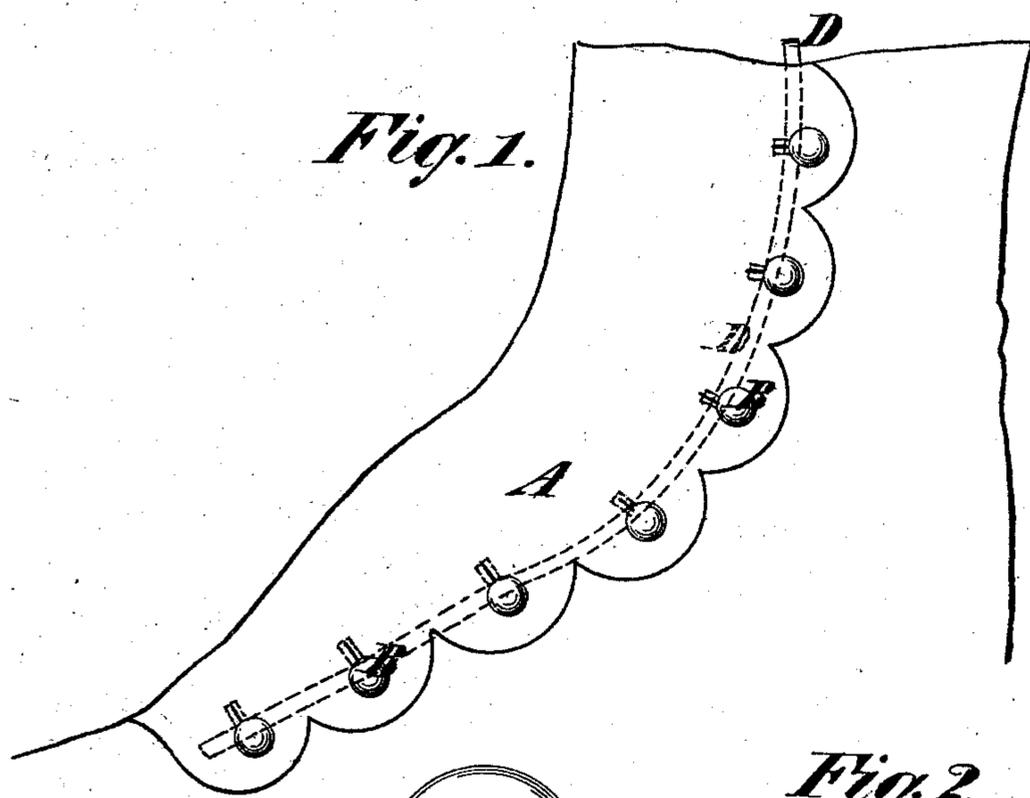


I. F. EATON.  
Button-Fastenings.

No. 143,892.

Patented Oct. 21, 1873.



*Witnesses.*  
*John Becker.*  
*Edwin Bolitho.*

*Charles F. Eaton*

# UNITED STATES PATENT OFFICE.

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

## IMPROVEMENT IN BUTTON-FASTENINGS.

Specification forming part of Letters Patent No. **143,892**, dated October 21, 1873; application filed August 4, 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 Button-Fastening, of which the following is a specification:

This invention is an improvement on a button-fastening for which Letters Patent were allowed me on the 1st day of May, 1873. That fastening consisted in a flat looped shank formed on the button to be fastened, and a metallic ribbon, which was threaded through it to retain it in place. It makes a very good fastening generally; but, for some purposes, buttons fastened thus are not sufficiently flexible. The object of the present invention is to obviate this defect; and consists in the combination, with the shank of a button, of an independent flat loop, or link, as it might more properly be termed, and a metallic ribbon threaded through the latter, whereby abundant flexibility is obtained for any purpose.

In the accompanying drawing, Figure 1 is a side view of a portion of a shoe having its buttons fastened according to this invention. Fig. 2 is a section of the same, taken longitudinally through one of the attaching-links; and Fig. 3 is a detail view in perspective of a button, its attaching-link, and the fastening metallic ribbon.

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

A indicates the shoe, and B B are its buttons. Their shanks are made, in the usual way, of loops of wire. Flat elongated links C are attached to the shanks of the buttons, and a thin metallic ribbon, D, threaded through these links and through a pocket-like passage, *c*, in the edge portion of the shoe, and retains

the buttons in place. The passage for the reception of the ribbon D is made by securing two pieces of leather together by parallel seams near that edge of the shoe where the buttons are to be attached, and it has a series of transverse slot-like openings leading to it at regular intervals from the upper side to permit the insertion of the links C into the passage *c*. These are introduced so as to lie crosswise in the passage, in order to enable the ribbon D to be threaded through them to retain them in place.

In this manner a very convenient fastening for buttons is afforded, and one, moreover, that is very strong and durable, and has all the flexibility necessary for any purpose. The buttons can be readily attached, and can be very easily replaced should they be broken. The fastening is, of course, applicable to any garment whatsoever, as well as to shoes. The links, being flat, do not hurt the person.

I think the best way to make the links will be to cut them from a flat tube; but they may be bent into shape from strip metal, or may be formed in any other way. The shanks of the buttons usually will be threaded through them before being attached to their heads.

What I claim as my invention is—

The button-fastening composed of a loop or eye on the button, a flat link applied thereto, as described, and a metallic ribbon fitting in a pocket provided in the edge of the shoe or garment to which the button is applied, substantially as herein set forth.

ISAAC F. EATON.

Witnesses:

EDWIN BOLITHO,  
EDWIN H. BROWN.