

A. M. RICHMOND.

Improvement in Button-Fasteners.

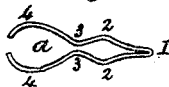
No. 114,200.

Patented April 25, 1871.

Fig. 1.



Fig. 2.



Witnesses.

Charles LeMire }
Edmund Masson. }

Archibald M. Richmond.
By atty. A. B. Stoughton.

UNITED STATES PATENT OFFICE.

ARCHIBALD M. RICHMOND, OF NEW YORK, N. Y.

IMPROVEMENT IN BUTTON-FASTENERS.

Specification forming part of Letters Patent No. 114,200, dated April 25, 1871.

To all whom it may concern:

Be it known that I, ARCHIBALD M. RICHMOND, of the city, county, and State of New York, have invented certain new and useful Improvements in Button-Fasteners; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents in perspective a button with the fastener in question passed through the eye thereof. Fig. 2 represents the fastener alone, and on an enlarged scale, to better show its construction.

I am aware that spring-fasteners have been made heretofore to be passed through the eye of a button to hold said button in place. I do not claim such, irrespective of how they are passed through the eye of the button and how withdrawn, as these facilities are what my invention aims at.

My invention consists in a bent spring-fastener made of wire, and so shaped and formed as that while it can only be passed through the eye of the button with its folded end foremost it can be withdrawn therefrom either end foremost.

To enable others skilled in the art to make and use my invention, I will proceed to describe the same with reference to the drawings.

The fastener *a* is made as follows—that is to say, first, it is doubled or folded, as at 1; thence bowed or swelled out, as at 2; then contracted, as at 3, and finally bowed out, as at 4. By this construction of the fastener it is inserted in the eye of the button with the point 1 foremost, and may be withdrawn therefrom either way. The facility of the insertion is important, for by the usual way of inserting the fastener with the free ends foremost, it is very difficult to get both ends through the eye, and frequently but one of the bows enter the eye.

When the contracted portion 3 of the fastener is in the eye of the button, the fastener remains there by the spring-pressure of the two bars, and they will spring or yield enough on either or both sides of that point to admit of drawing it out either end foremost.

What I claim as a new article of manufacture is—

A button-fastener made of wire, and so shaped that it can be entered into the eye of the button with the folded end 1 foremost and be withdrawn either end foremost, as described and represented.

A. M. RICHMOND.

Witnesses:

A. B. STOUGHTON,
EDMUND MASSON.