

M. Wise,

Button.

No. 102,190.

Patented Apr. 19, 1870.

Fig 3.



Fig 4.



Fig 1.

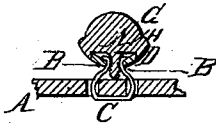
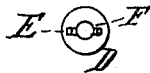


Fig 2.



Witnesses.

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MORRIS WISE, OF NEW YORK, N. Y.

Letters Patent No. 102,190, dated April 19, 1870.

## IMPROVEMENT IN BUTTON-FASTENINGS.

The Schedule referred to in these Letters Patent and making part of the same.

### To all whom it may concern:

Be it known that I, MORRIS WISE, of the city, county and State of New York, have invented a new and useful Improvement in Buttons for Boots and Shoes and other articles; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which drawing—

Figure 1 represents, in vertical central section, a button made according to my invention;

Figure 2 is a plan view of the washer;

Figure 3 is a section of a modification of my invention; and

Figure 4 shows a plan view of the washer.

Figure 5 is a section of another modification; and

Figure 6 is a plan view of the washer used in connection therewith.

Similar letters indicate corresponding parts.

My invention relates to buttons or fastenings of that class which can be attached to boots or shoes, or other articles, without the aid of sewing or riveting.

The letter A designates the leather or material to which the button is to be attached.

The leather or material is perforated to receive the hook-shaped arms B of the stirrup-shaped clasp C, the same being inserted from the inside of the leather or material, as shown in the drawing.

The ends of the arms B, after they are pushed up through the material, are sprung through the slotted washer D, whose slot, E, extends a little distance each side of a tapped hole, F, in the center of the washer, the hooked ends of said arms catching over the top of the washer at the ends of the slot, so as to hold them to the washer.

The letter G designates the button head, whose un-

der side is recessed at H to receive the washer D, as shown in figure 1.

From the center of the said recess H there extends a screw, I, which screws into the tapped hole F of the washer, between the hooked arms B of the clasp C, in such a manner as to confine said arms in the slots of the washer, and so as to secure the clasp C, the washer D, the button-head G, and the material A to each other.

In the modification, shown in figs. 3 and 4, I make the screw I, which extends from the bottom of the button head, of wire, bent double and twisted together, so that the bent part J forms the head of the screw, and the twisted part forms its shank, on which a screw-thread is cut. The screw is connected to the button head by inserting it in a perforation of unequal diameter made through the center of said head, the upper part of the perforation being wide enough to receive the head J of the screw, and the lower part being only wide enough to receive its shank part, as is shown in fig. 3.

The screw passes into the washer D between the arms B of the clasp C and locks the clasp, the washer, and the material to the button-head, in the same manner as already described.

What I claim as new, and desire to secure by Letters Patent, is—

The combination and arrangement of the button-head G, the washer D, and the clasp C, in such a manner that, on screwing the head G and the washer D to each other, the clasp C is also thereby secured, substantially as shown and described.

MORRIS WISE.

Witnesses:

W. HAUFF,

E. F. KASTENHUBER.