No. 658,644. Patented Sept. 25, 1900.

H. HIRSCHBACH.

BUTTON.

(Application filed Feb. 15, 1900.)

(No Model.)

Fig. 1,

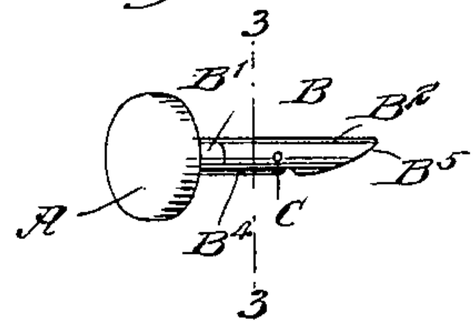


Fig. 2,

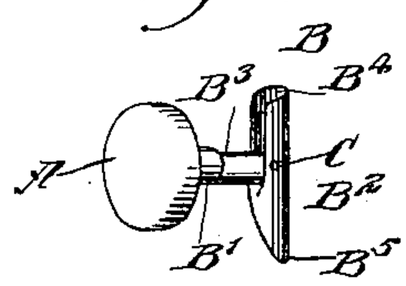
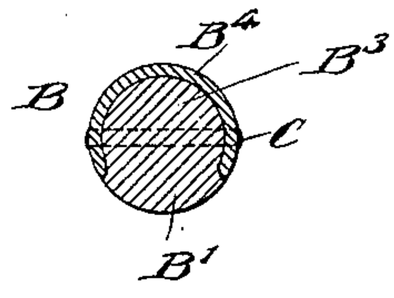


Fig. 3.



WITNESSES:

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HENRY HIRSCHBACH, OF NEW YORK, N. Y.

BUTTON.

SPECIFICATION forming part of Letters Patent No. 658,644, dated September 25, 1900.

Application filed February 15, 1900. Serial No. 5,324. (No model.)

To all whom it may concern:

Be it known that I, HENRY HIRSCHBACH, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Button, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved button or stud arranged for convenient and easy attachment to a garment for securely holding it in position when once applied and for allowing immediate removal from the garment whenever desired.

The invention consists of novel features and parts and combinations of the same, as will be fully described hereinafter and then pointed out in the claims.

A practical embodiment of my invention is represented in the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of the improvement. Fig. 2 is a similar view of the same, with parts in a different position; and Fig. 3 is an enlarged cross-section of the shank on the line 3 3 in Fig. 1.

The improved button consists, essentially, of a head A and a shank B, made in two sections B′ B^2, of which the section B^2 is connected at or near its middle by a pivot C with the outer end of the other section B′, secured to and projecting from the back of the head A. The outer end of the fixed section B′ is reduced at the top and sides at B^3 (see Figs. 2 and 3) to be engaged at its reduced portion by the split tubular inner end B^4 of the pivoted section B^2, the said split tubular end B^4 having its sides formed into spring-jaws adapted to yield outwardly when passing the jaws over the reduced portion B^3 to finally snap in upon the sides thereof at the time the section B^2 is moved in alinement with the section B′, as indicated in Figs. 1 and 3. The sections B′ and B^2 are of the same diameter, so that when the two sections are in alinement with each other, as shown in Fig. 1, then the shank B is of the same diameter throughout its length up to the point B^5, formed on the outer end of the section B^2. This point B^5 is formed by beveling the under side of the outer end of the section B^2—that is, at the side opposite to the one connecting the two jaws of the tubular section B^4 with each other—so that the end of the point is at one side of the pivot and the sides of the tubular section to allow of readily pushing the point into the garment without danger of the section B^2 moving out of alinement with the other or fixed section until the shank is pushed into the garment a sufficient distance to allow of opening the section B^2, so that the latter can be swung into a right-angular position relatively to the section B′, as indicated in Fig. 2, to prevent withdrawal of the button from the garment. Thus by the construction described the same diameter of the shank is maintained throughout its length, and the point is so arranged that the pivoted section is not liable to open when the shank is pushed through the material of the garment or through a buttonhole or the like.

It is understood that both in opening and closing the section B^2 the spring-jaws yield outwardly to pass the sides of the reduced portion B^4, and which sides are a distance apart somewhat in excess of that between the outer ends of the jaws, as will be readily understood by reference to Fig. 3.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

1. A button, comprising a head and a shank, the latter being in sections, of which one section is fixed to the head and the other section is pivoted at or near its middle to the outer reduced end of said fixed section, the pivoted section having its outer end pointed and its inner end formed with spring-jaws adapted to engage the reduced end of the said fixed section, the said jaws being spaced apart a distance somewhat less than the reduced end, so that when the pivoted section is brought into alinement with the fixed section, then the jaws spring outward and finally snap in upon the sides of the said reduced end, to lock the section in place, the shank being of a uniform diameter throughout its length, substantially as shown and described.

2. A button, comprising a head and a shank, the latter being made in sections of a like diameter, and of which the inner or fixed

section projects from the said head and the other or outer section is pivotally connected at or near its middle at the outer reduced end of said fixed section, the pivoted section having its inner end formed with connected spring-jaws to snap in upon the sides of the reduced end of the fixed section, and the outer end of the said section being beveled to form a point located at one side of the pivot, the bevel extending on the side opposite to the one at which the jaws are connected with each other, substantially as shown and described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HENRY HIRSCHBACH.

Witnesses:
THEO. G. HOSTER,
EVERARD BOLTON MARSHALL.