

(No Model.)

G. W. PRENTICE.
BUTTON AND FASTENER.

No. 327,719

Patented Oct. 6, 1885.

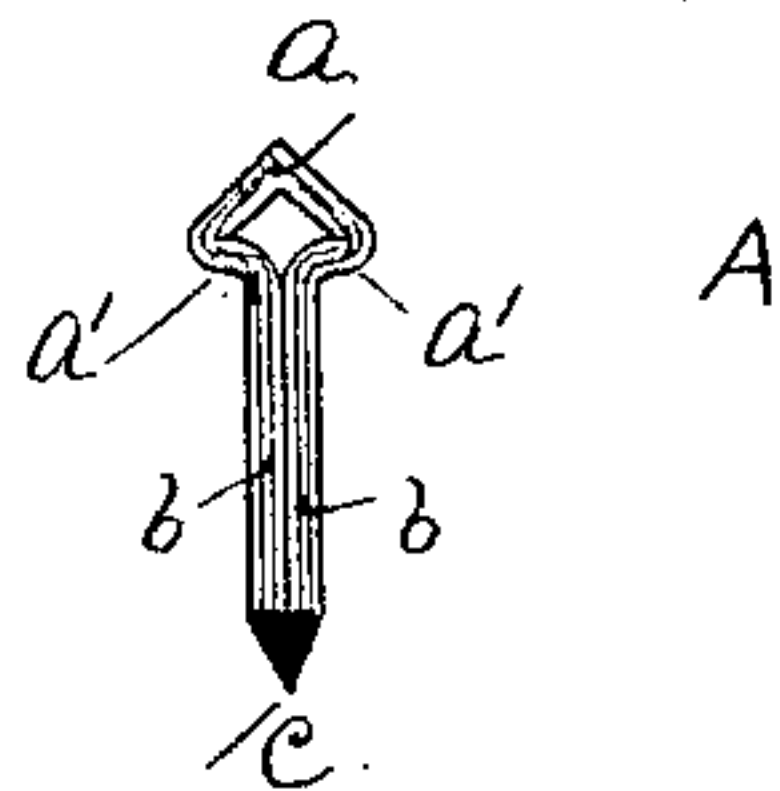


Fig. 1.

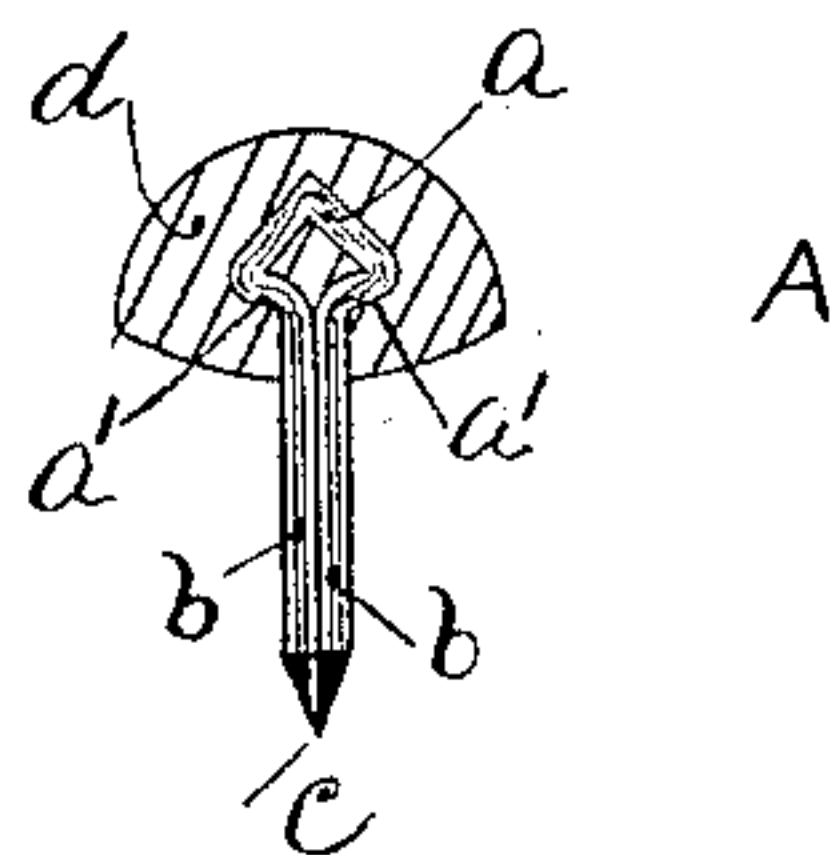


Fig. 2.

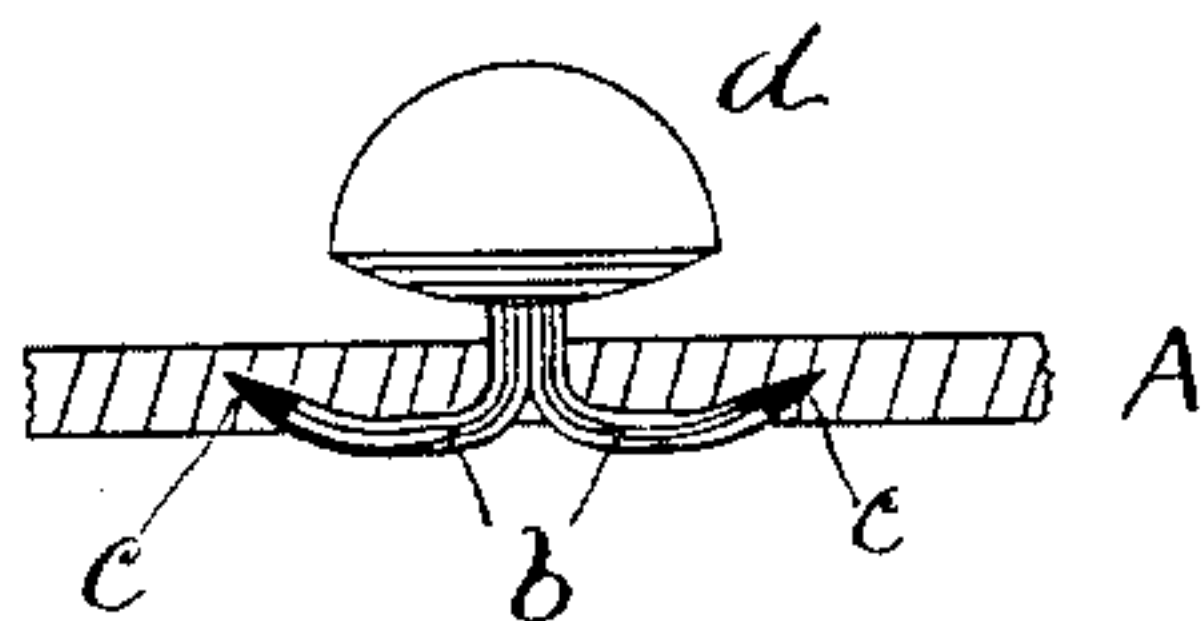


Fig. 3.

Witnesses:
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UNITED STATES PATENT OFFICE.

GEORGE W. PRENTICE, OF PROVIDENCE, RHODE ISLAND.

BUTTON AND FASTENER.

SPECIFICATION forming part of Letters Patent No. 327,719, dated October 6, 1885.

Application filed September 29, 1884. Serial No. 144,239. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. PRENTICE, a citizen of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Button and Fasteners; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention relates to an improvement in buttons which are used for connecting portions of clothing or other articles together; and it consists of a stem having two parts projecting from the lower portion of the button-head, said stem being formed of half-round wire with the flat surfaces adjacent to each other, terminating in a pointed end, the inner or connected portion of the stem being formed with an enlarged head having shoulders, said enlarged head being embedded in the button-head, all as will be hereinafter more fully described.

In the accompanying drawings, Figure 1 is a view of the stem or fastener of my improved button. Fig. 2 is a sectional view of my improved button complete ready for attachment. Fig. 3 represents the button attached to fabric.

Similar letters of reference indicate like parts in the several figures.

In carrying out my invention the button-head *d* is composed of leather pulp or other suitable material.

The stem *A* is formed of half-round wire, and consists of the two parallel parts *b b*, the flat surfaces of the wire being adjacent to each other, forming a round split pin. The lower end of the stem *A* is formed into a sharpened point, *c*, to readily penetrate fabric in attachment. The inner or connected part of the stem *A* is formed into an enlarged head, *a*, provided with shoulders *a'*, as shown in Fig. 1. These shoulders are embedded in the head portion and prevent the stem *A* from becoming detached.

The stem *A* being formed as described, the button-head *d* is pressed or molded onto the enlarged head portion *a*, forming the complete button, as shown in Fig. 2, the form of the button-head being imparted during the process of uniting the head with the stem.

In attaching my improved button, the point *c* is thrust through the fabric from the outer surface, making but a single small hole, after which the two parts *b b* are separated and bent over onto the under surface of the fabric, thus securely attaching the button, as shown in Fig. 3. The rounded outer surface of the stem coming against the fabric makes a strong hold, while the inner or flat surface of the stem comes outward, making a smooth surface not liable to catch into or abrade the flesh of the wearer. The attachment of the button requires no instrument, and makes, as before stated, but a single small hole in the fabric.

The stem being formed of half-round wire with the round surfaces outward, will not cut or injure the button-hole when in use. The device is equally applicable as a lacing-button.

The advantages of my improvement are apparent without a more minute description, as it combines cheapness with durability, and a ready adaptation to the purpose contemplated.

Having described my invention, I claim—

1. A button having a head composed of leather pulp or analogous material, and a one-piece wire shank consisting of the prongs *b b*, pointed at their ends, and the triangular-shaped body portion embedded in the button-head, and provided with the apex *a*, and having shoulders *a'*, and the central opening or eye, whereby the material of the button-head is forced into said eye to firmly secure the shank in place, substantially as described.

2. A button having a head composed of leather pulp or analogous material, and a one-piece half-round wire shank consisting of the duplex-pointed prongs *b b*, and an enlarged body portion bent into form, and having a central opening or eye, the body portion embedded in the button-head, with the material of said head pressed into the central eye of the shank, so as to adhere to the flat sides of said shank, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE W. PRENTICE.

Witnesses:

FRANKLIN A. SMITH, Jr.,
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