

(No Model.)

G. W. PRENTICE.
BUTTON FASTENER.

No. 264,842.

Patented Sept. 19, 1882.

Fig. 1.

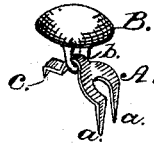


Fig. 2.

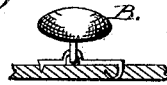


Fig. 3.

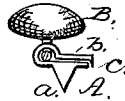


Fig. 4.

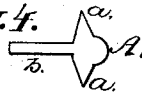


Fig. 5.

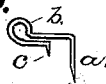
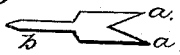


Fig. 6.



WITNESSES

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UNITED STATES PATENT OFFICE.

GEORGE W. PRENTICE, OF PROVIDENCE, RHODE ISLAND, ASSIGNOR TO
THE HEATON BUTTON FASTENER COMPANY, OF SAME PLACE.

BUTTON-FASTENER.

SPECIFICATION forming part of Letters Patent No. 264,842, dated September 19, 1882.

Application filed March 15, 1882. (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-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 has for its object to provide a button-fastener of an improved construction, whereby the buttons may be readily attached to or detached from the fastening-plate or base, which is adapted to be secured to any desired article of wearing-apparel; and my improvements consist essentially of a fastening-plate or base provided at one end with penetrating prongs or spurs and at the opposite end with a spring-loop adapted to receive the shank of a button, the complete device being formed of a single piece of sheet metal, and adapted for operation, all as will be hereinafter more fully described, and pointed out in the claim.

In the accompanying drawings, Figure 1 is a perspective view of my device as attached to the shank of a button. Fig. 2 is a side view of the same as attached to a fabric. Figs. 3 and 5 are modifications of my invention, and Figs. 4 and 6 plan views of the blanks from which said modifications are formed.

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

A represents the fastening-plate or base, which is provided with downwardly-projecting prongs or spurs *a*, arranged at one end thereof, and with a spring-loop, *b*, at the opposite end, which may be either bent outwardly from said plate, so as to rest upon the surface of the material to which the device is to be attached, as shown in Figs. 1, 2, and 5, or may be bent over so as to rest upon the plate or base, as shown in Fig. 3, the end of said spring-loop being provided with a sharp point, *c*, bent downwardly at right angles to the same.

In the operation of my improved device the plate or base A is first secured to the desired article of wearing-apparel by the prongs or

spurs *a*, a suitable setting-instrument being employed for that purpose, in a manner well known. The button B is now connected to said plate or base A by passing the shank of the same over the point *c* and up into the loop *b*, and the natural spring or elasticity of the said loop causes the same to fit closely down upon the surface of the fabric or of the fastening-plate, as the case may be, and thereby securely hold the button in place. The button may be as readily detached from said plate in a manner reverse to that above described, when desired.

In the modification of my invention, as shown in Fig. 5, the spring-loop *b* may be bent so as to throw the end of it under the fastening-plate or base A, so that when the plate is firmly secured to the fabric the end of the loop, with or without the sharp point *c*, will rest upon the surface of the material beneath the said plate or base, and the shank of the button may be attached to or detached from the said loop by bending or pinching up the fabric until sufficient room is provided between said loop and fabric to admit of the easy passage of the shank of the button without the removal of the plate or base portion.

By means of my improvements the buttons upon shoes or garments may be readily detached when the article becomes worn out, so that they may be used over again upon other articles of wearing-apparel, when desired; or in the case of the breaking of the shank of a button a new one may be readily substituted in its place.

Having thus described my invention, what I claim as new and useful is—

As an improved article of manufacture, the herein-described button-fastener, consisting of the plate or base A, one end whereof is provided with the fastening-prongs *a* and the opposite end with a spring-loop, *b*, having a downwardly-projecting spur, *c*, whereby the shank of a button may be attached to or removed therefrom, substantially as and for the purpose specified.

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

GEORGE W. PRENTICE.

Witnesses:

JAS. F. THAYER,
F. A. SMITH, Jr.