

B. CLAYTON.

Fastening for Studs and Buttons.

No. 161,668.

Patented April 6, 1875.

Fig. 1.

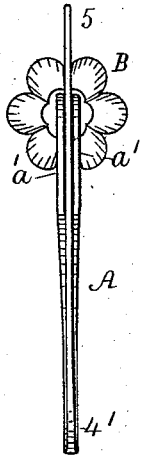
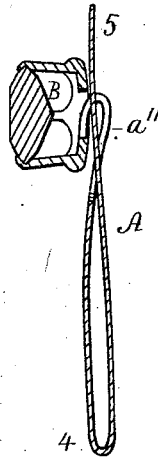


Fig. 2.



WITNESSES:

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BARNES CLAYTON, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN FASTENINGS FOR STUDS AND BUTTONS.

Specification forming part of Letters Patent No. 161,668, dated April 6, 1875; application filed March 4, 1875.

To all whom it may concern:

Be it known that I, BARNES CLAYTON, of the city of Philadelphia, in the State of Pennsylvania, have invented an Improvement in the Looped-Spring Fastening for Studs and Buttons, of which the following is a specification:

Looped-spring fastenings have been made and applied to the backs of studs, so that the shank formed by the attached end of a looped spring passes through a slot in a flattened portion of the free end of the spring, in order to allow the latter to spring into close contact with the back of the stud, and, consequently, when applied to a shirt-bosom or other article of apparel, clasp the latter between them. The objection to the said fastening is that the free arm has to be flattened or widened to allow the slot to be made for the shank to pass through, as before mentioned, and, consequently, the requisite stiffness and strength at the said flattened and slotted part is greatly impaired, and the increased width of the part also requires the eyelet-hole in the apparel to be made unseemly large.

The object of my improvement is to avoid the above-mentioned objections; and my invention consists of a looped spring having its attached end made bifurcated, for the reception of the free arm between the bifurcated portions or double shank of the stud, and thus avoid the objections consequent upon flattening and slotting the free arm, as in the case referred to, as will be more fully set forth and explained herein, with reference to the accompanying drawing, in which—

Figure 1 is an elevation, presenting the rear side of a stud having my said invention embodied therein; Fig. 2, a vertical longitudinal central section of Fig. 1, both of said figures being much enlarged for the purpose of more clearly illustrating the invention.

The looped-spring fastening A consists of a slender tapering bar of metal, having the wider end slotted or divided into two arms, a' a' , and soldered fast to the back or rear side of the head B of the stud, leaving a longitudinal space, a'' , between the parts a' a' . The bar is, from said place of attachment, bent shortly downward and then upward, so as to produce the loop 4, and bring the more slender arm 5

into the space a'' , and into contact with the back or rear side of B, its free end extending upward above the said head B, substantially as represented in the drawing.

The metal which forms the looped fastening is rendered stiff and springy by rolling or condensing, and of sufficient length, strength, and elasticity to be appropriate to the size and object of the ornament.

It will be understood without further description that, as the free arm 5 is slightly tapering and free from any opening and consequent enlargement, it can be readily inserted and slipped upward through any small eyelet-hole in the apparel, (not shown,) and the loop passed so as to allow the slotted arm to be pushed firmly downward until stopped by its juncture at the back or rear part of the head B; that the free arm 5 will then co-operate with the loop 4, and keep the head B in close-bearing steady contact with the face or front of the apparel to which the article may have been applied, in the manner described.

I am aware that a springy looped fastening has been made and applied to the back of a stud or button, so as to clasp the requisite part of a shirt-bosom, by constructing the fastening with an enlargement and slot or opening in the free arm 5, so that the shank of the stud or button, or the fixed end of the looped bar, will enter the said enlargement or slot, and allow the apparel to be clasped between the looped spring and the back or rear side of the head of the stud or button, and therefore I do not desire to claim, broadly, the combination of a spring-loop with the back or rear side of the head of a stud or button; but

I claim as my invention—

A looped-spring fastening for a stud or button, constructed with the bifurcated end a' , and attached to the back of the stud or button, as described, for the purpose of allowing the free arm 5 to be moved in the space between the said attached bifurcated end of the looped spring, as and for the purposes hereinbefore set forth and described.

BARNES CLAYTON.

Witnesses:

BENJ. MORISON,
WM. H. MORISON.