

A. C. GREENE.
Button and Stud.

No. 220,531.

Patented Oct. 14, 1879.

Fig. 1.

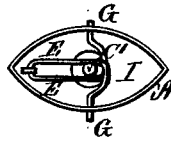
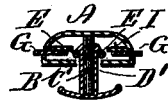


Fig. 2.



Witnesses.

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UNITED STATES PATENT OFFICE.

ALBERT C. GREENE, OF PROVIDENCE, RHODE ISLAND, ASSIGNOR TO
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IMPROVEMENT IN BUTTONS AND STUDS.

Specification forming part of Letters Patent No. **220,531**, dated October 14, 1879; application filed
December 18, 1878.

To all whom it may concern:

Be it known that I, ALBERT C. GREENE, of Providence, in the State of Rhode Island, have invented an Improvement in Separable Buttons and Studs, of which the following is a specification.

My invention relates to that class of buttons and studs which are made in two parts; and it consists in a bent-wire spring with two opposing arms, arranged to clasp the post attached to the back part of the button, the ends of the spring being extended outward, so as to cross each other and form opposite pushers, for releasing the spring-arms from the notch in the post.

Figure 1 is an under view of the front plate of a button, with the back piece removed in order to show the crossed pusher-spring. Fig. 2 is a cross-section of the button, showing both parts attached and held by the spring.

In the drawings, A is the front plate of the button or stud, and B the back piece, to be suitably attached to the front plate. E E are the two spring-arms, crossed and extended so as to form the pushers G G, by means of which

the hollow post D', provided with a catch-flange at its lower end, is to be released from the clasping spring-arms E E.

The hollow post D' is supported by means of the solid post C', attached to the front plate, and in some cases I employ an intermediate plate, I, to which the clasping-spring is to be attached.

My improved double spring and pushers, made of one piece of wire, constitute a very cheap and efficient device for operation, and is a desirable improvement over the ordinary combinations of spring and pushers in separate pieces, used to form a catch, and operate on both sides of the post D'.

I claim as my invention—

In a separable button, the opposite spring-arms E E, crossing each other, and extended so as to form the pushers G G, for operating upon both sides of the post, substantially as described.

ALBERT C. GREENE.

Witnesses:

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