

N. P. MAKER.
Separable Button.

No. 222,716.

Patented Dec. 16, 1879.

Fig. 1.

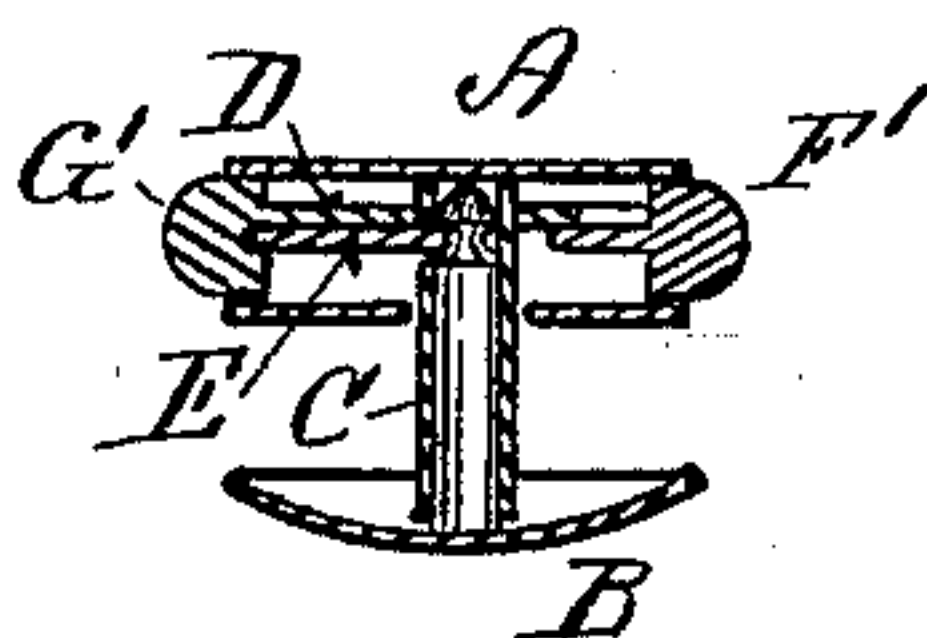


Fig. 2.

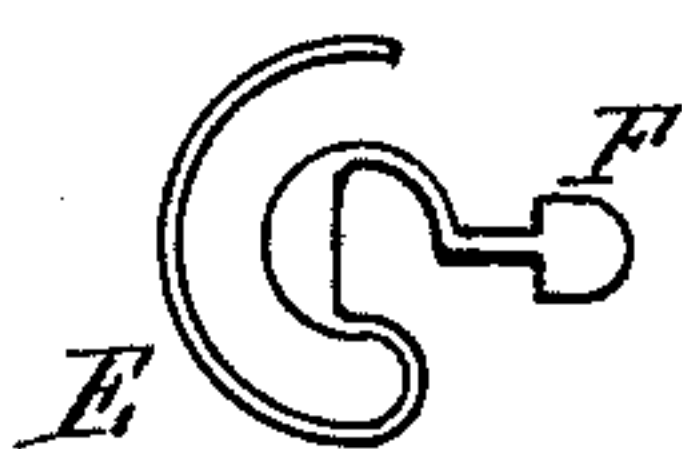


Fig. 6.

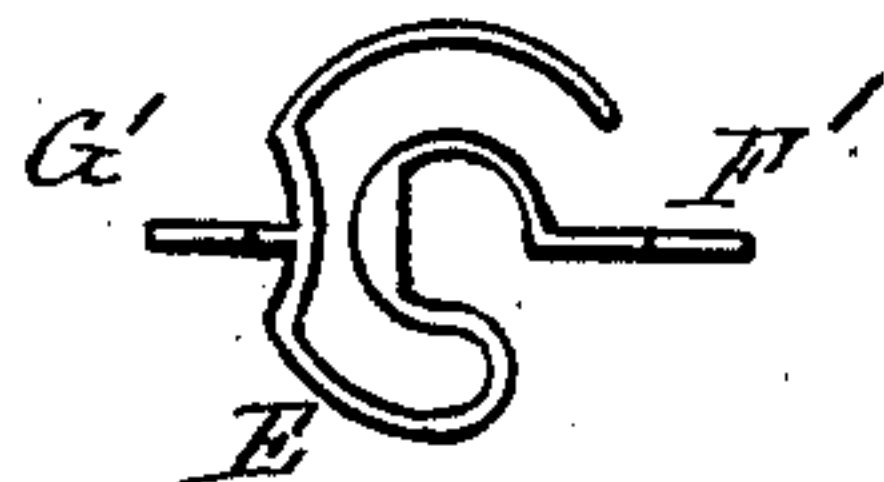


Fig. 3.

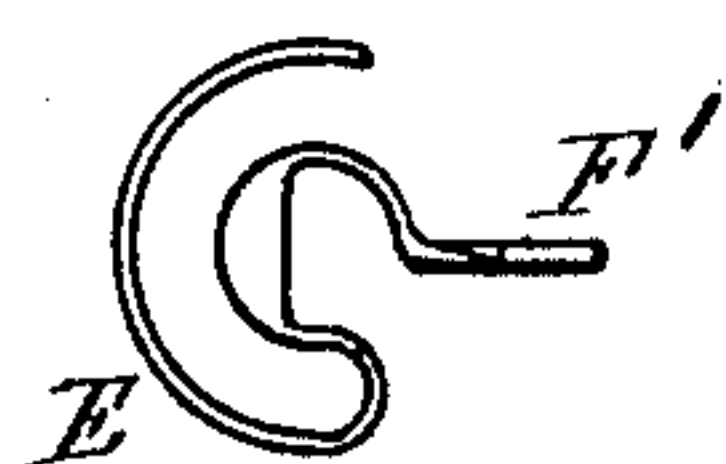


Fig. 4.

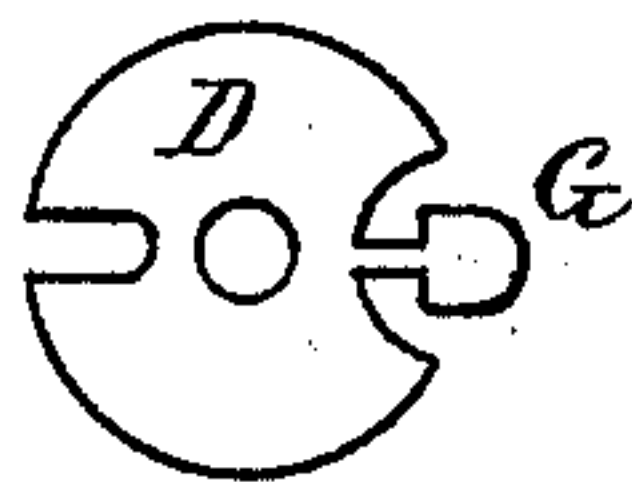
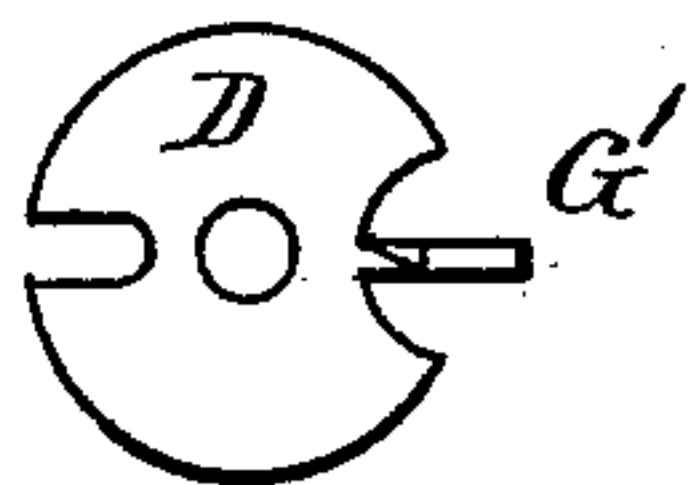


Fig 5



Witnesses

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UNITED STATES PATENT OFFICE.

NATHAN P. MAKER, OF PROVIDENCE, RHODE ISLAND.

IMPROVEMENT IN SEPARABLE BUTTONS.

Specification forming part of Letters Patent No. **222,716**, dated December 16, 1879; application filed September 1, 1879.

To all whom it may concern:

Be it known that I, NATHAN P. MAKER, of Providence, in the State of Rhode Island, have invented an Improvement in Separable Buttons, of which the following is a specification.

The nature of my invention consists in a spring and pusher cut in one piece from a plate of hard-rolled sheet metal, and having the pusher turned at right angles to the plane of the spring-plate.

Figure 1 is a sectional side view of the complete button with both parts attached together. Fig. 2 is a plan view of the spring as originally cut from a plate of sheet metal. Fig. 3 is the same, showing the pusher turned at right angles to the plane of the spring. Fig. 4 shows the supporting-plate as originally cut from a plate of sheet metal. Fig. 5 shows the same after the imitation pusher-head has been turned at right angles to the plane of the plate. Fig. 6 shows a spring provided with an imitation pusher-head.

In the drawings, A is the front portion, and B the back portion, of the button. A solid post having a circumferential groove near its end is attached to the back portion, B, and a hollow post, C, is attached to the front portion by means of the plate D, upon the surface of which rests a spring, E, cut in proper curved

form from a plate of sheet metal, with an enlarged end, F, which, when turned at right angles to the plane of the spring, forms the pusher-head F', which enters and projects from a slot made in the outer cup of the front portion, A, of the button.

The post-supporting plate D is first cut out, as shown in Fig. 4, and the portion G is then twisted at right angles to the plane of the plate, so as to form the imitation pusher-head G'.

The spring E may be provided with an imitation pusher-head, G', as shown in Fig. 6, and this form is preferable for all large-sized buttons, whereas in the smaller sizes it is more convenient to attach the imitation pusher-head to the plate.

I claim as my invention—

In a separable button, the front portion provided with a slotted rim, in combination with a spring and pusher-head cut from a single piece of stock, and having the pusher turned at right angles to the spring-plate, substantially as described.

NATHAN P. MAKER.

Witnesses:

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