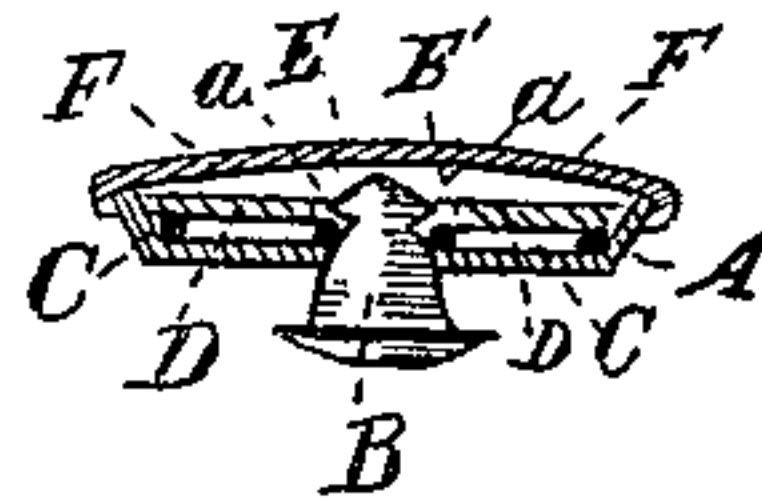
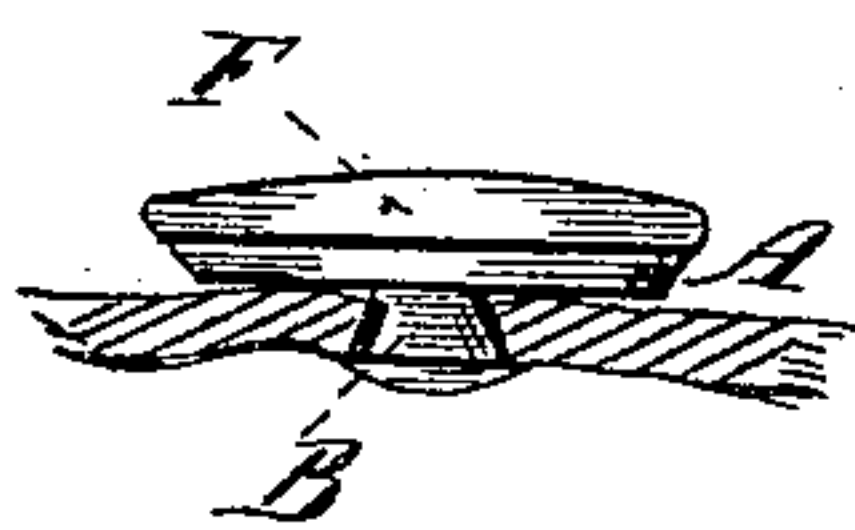
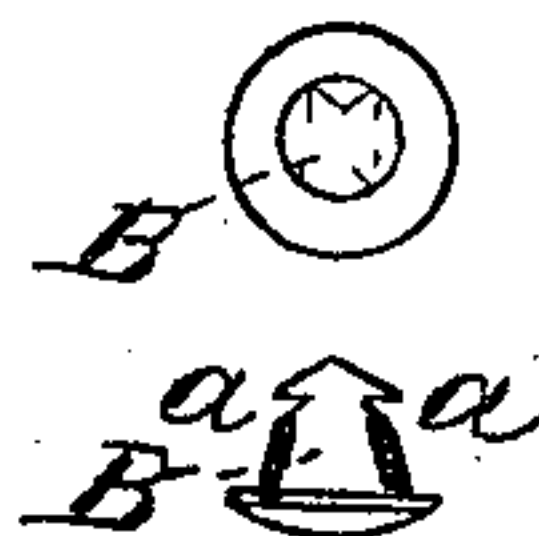
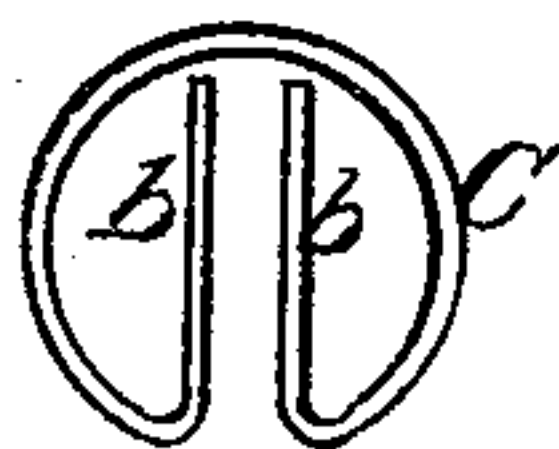
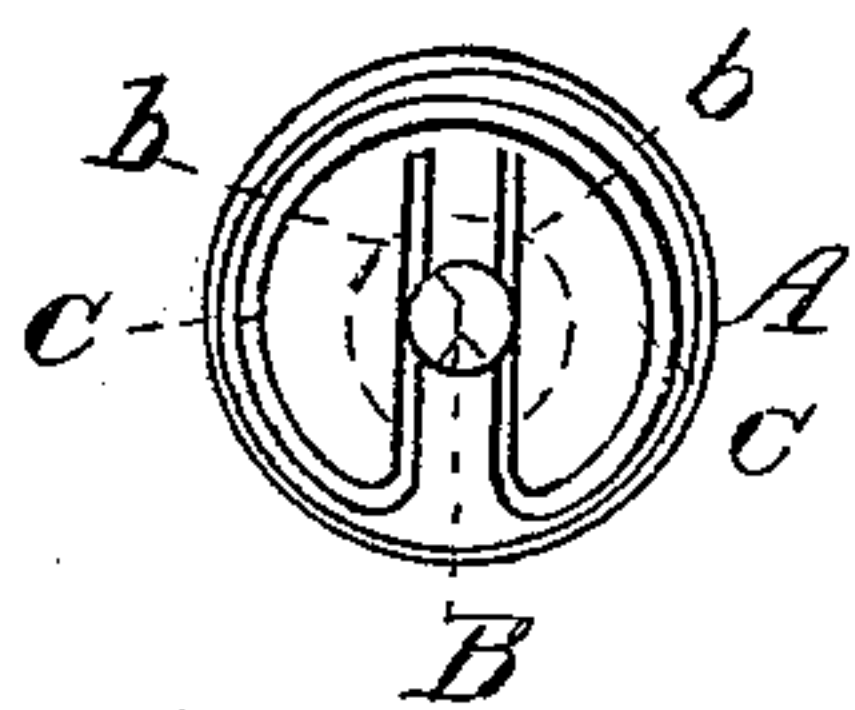


# F. I. Palmer. Button.

No. 53,471

Patented Mar. 27, 1866.



Inventor

F. I. Palmer

by his attorney J. B. Gardner

Witnesses

Edward H. Hyde.

Jerome E. Miller

# UNITED STATES PATENT OFFICE.

FREDERIC I. PALMER, OF SPRINGFIELD, MASSACHUSETTS.

## IMPROVEMENT IN BUTTONS.

Specification forming part of Letters Patent No. 53,471, dated March 27, 1866.

*To all whom it may concern:*

Be it known that I, FREDERIC INGERSOLL PALMER, of Springfield, Hampden county, Commonwealth of Massachusetts, have invented certain Improvements in Buttons; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to letters of reference marked thereon.

In the drawings, Figure 1 is a side view of my button as attached to the cloth. Fig. 2 shows the same with the top removed. Fig. 3 shows the wire spring hereinafter described. Figs. 4 and 5 represent the stud, and Fig. 6 is a section through the button complete.

This invention consists in an improved button which can be attached to the garment without sewing, and also in so arranging the parts that they can readily be removed without injury, so that they may be used a number of times and on different garments, if desired.

I will now describe how I accomplish this. In construction this button consists of an under shell, A, which rests on the cloth. Through the cloth and through this shell passes the stud B. This stud B is notched on two sides at *a a*, and the top is pointed, so that when forced upward it presses aside the parts *b b* of the spring C and they, springing back into these notches, firmly hold the stud from slipping back.

The spring C is held down by a disk, D, on top of it, and the space E between this disk and the cover F of the button is filled with paper or other packing.

Although this button is firmly held in place on the stud and no ordinary twist can move it, still if the button be held and a strong twist given to the stud the wires *b b* are forced out of the notches *a a* and the stud can be taken out and be replaced with the button on another garment or piece of cloth or other desired situation.

The advantages of this arrangement can readily be perceived, as these buttons are simple and cheap in construction, easily put onto any garment without thread, and, if desired, can be readily removed and placed on any other.

Now, having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination of the stud B, notched as described, with the spring C and other parts of the button, substantially as herein set forth.

F. I. PALMER.

Witnesses:

J. B. GARDINER,  
EDWARD H. HYDE.