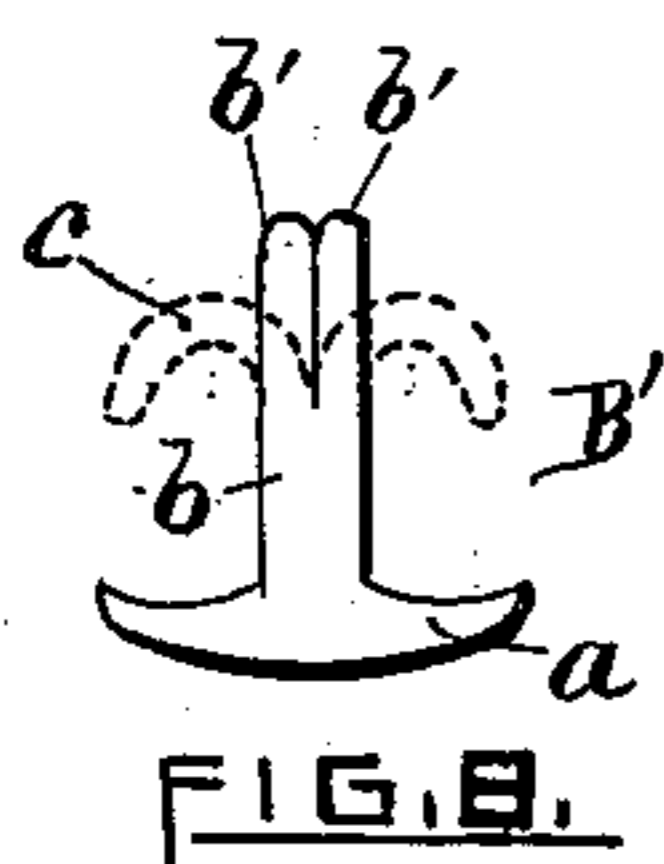
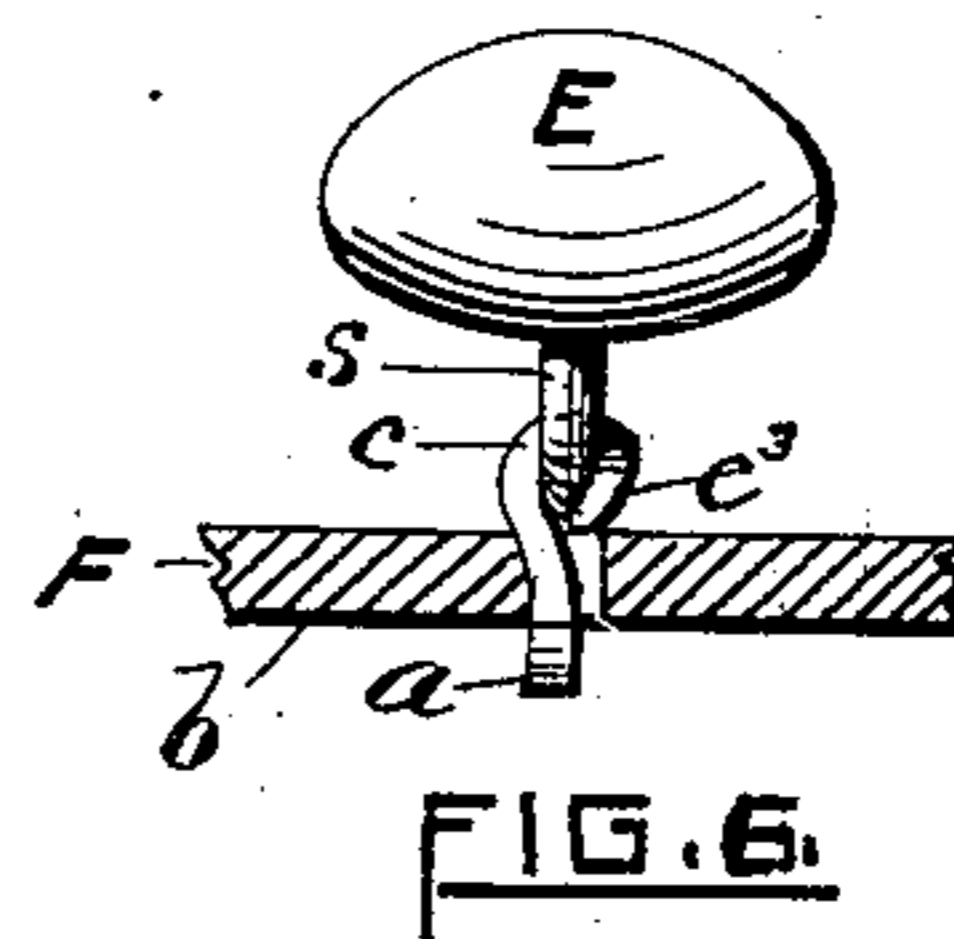
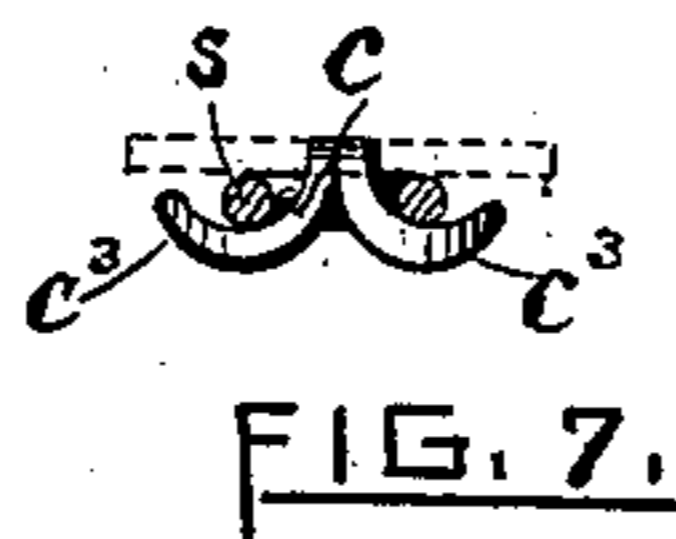
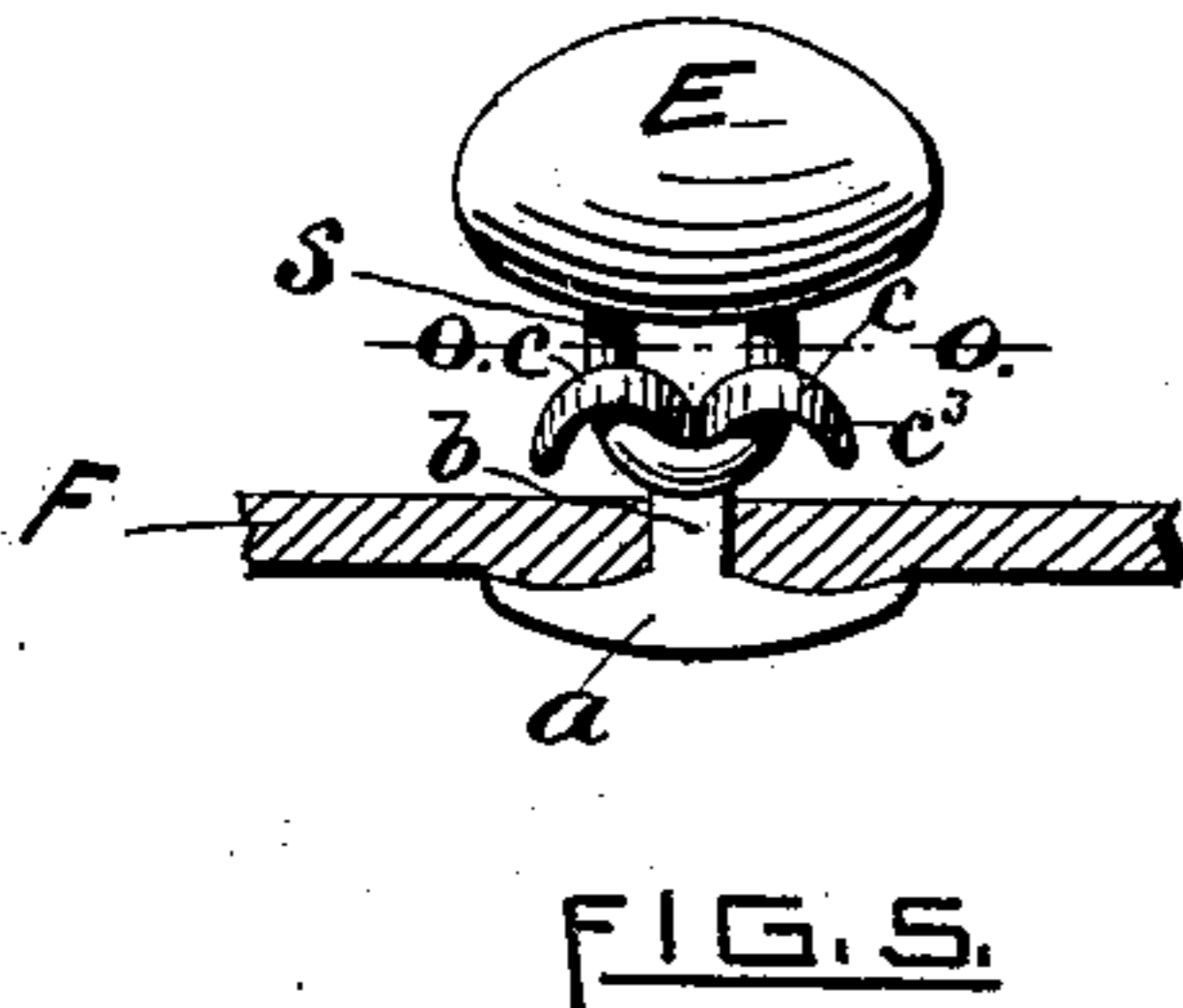
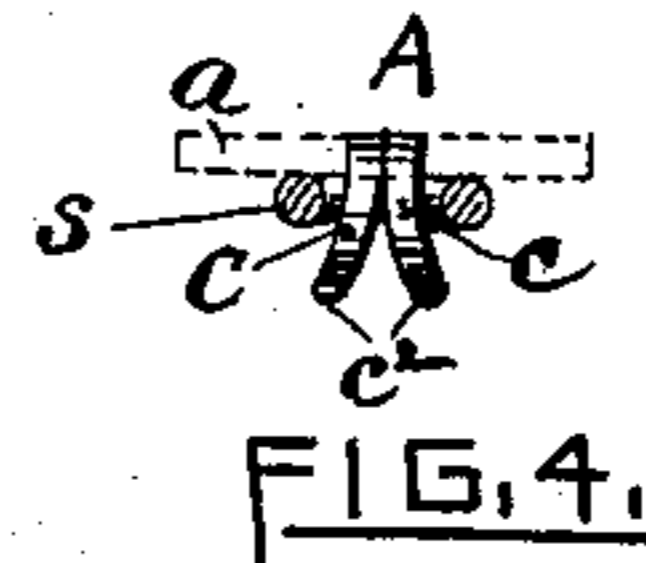
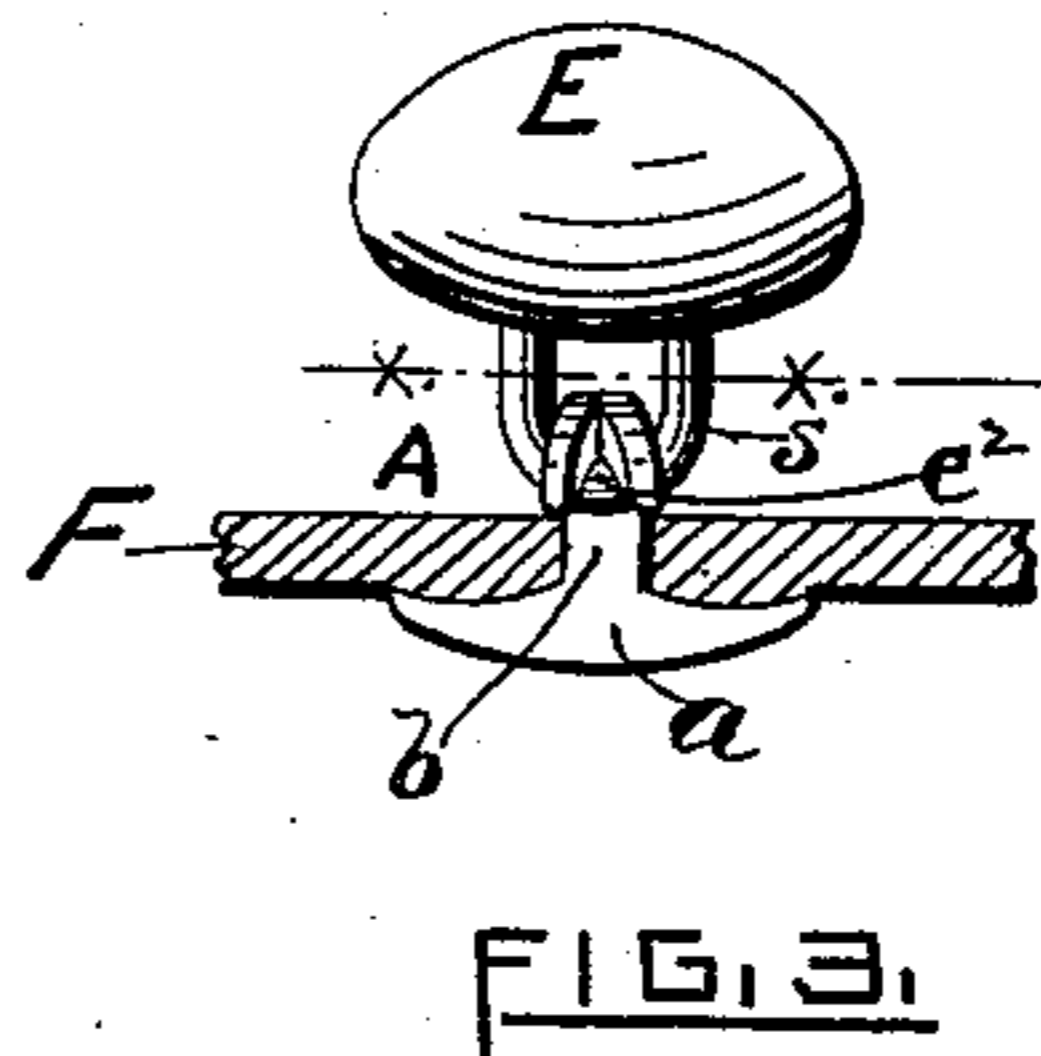
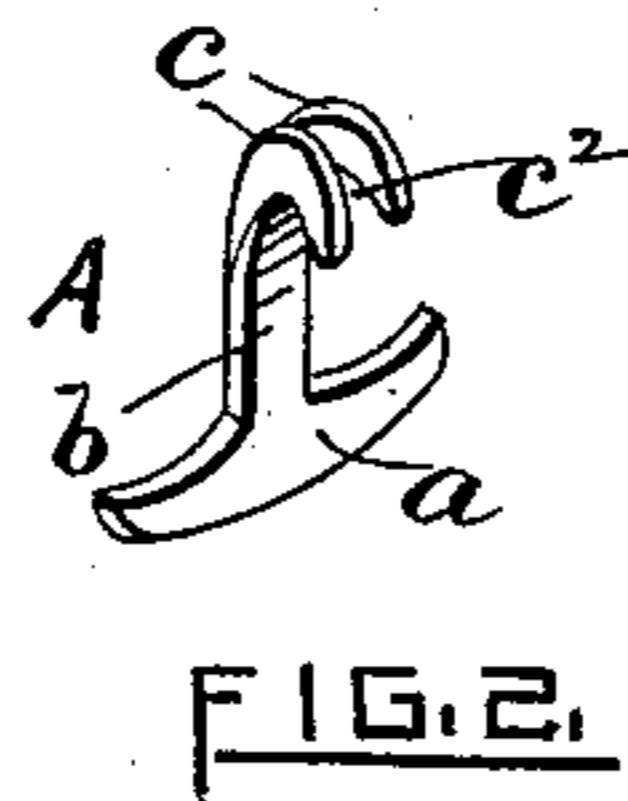
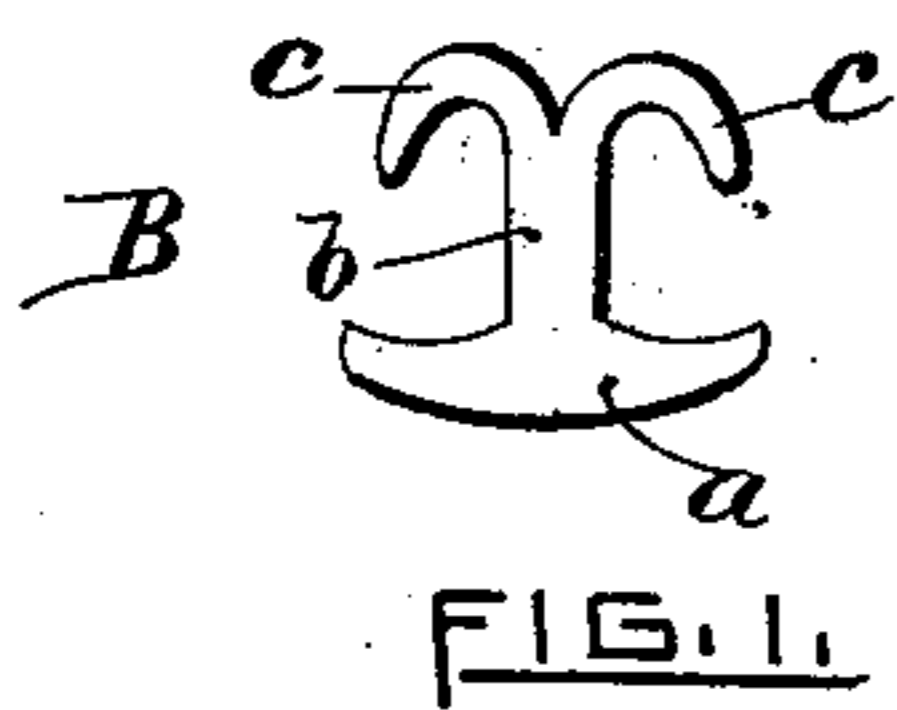


(No Model.)

J. F. THAYER.
BUTTON FASTENER.

No. 332,968.

Patented Dec. 22, 1885.



WITNESSES.

Charles H. Remington.
Thos. A. Hay.

INVENTOR

James F. Thayer.

by Geo. H. Remington
Atty.

UNITED STATES PATENT OFFICE.

JAMES F. THAYER, OF PROVIDENCE, RHODE ISLAND.

BUTTON-FASTENER.

SPECIFICATION forming part of Letters Patent No. 332,968, dated December 22, 1885.

Application filed June 24, 1885. Serial No. 169,610. (No model.)

To all whom it may concern:

Be it known that I, JAMES F. THAYER, 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 hereby 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 or figures of reference marked thereon, which form a part of this specification.

This invention relates to button-fastenings; and it consists, principally, in the novel construction of the attaching loop or hook combined with an integrally-formed base or table.

My present improved fastener is adapted to be used in attaching buttons to fabrics, &c., without the aid of a special tool or setting-instrument, said fastener having a stem or post projecting from the center of the base and terminating in two oppositely-formed hook-shaped wings, which are bent laterally toward each other for the purpose of providing an overhanging forked hook, the same being adapted to be passed through the button's eye and forced apart laterally, thus securing the button to the fabric; but at the same time permitting the eye of the button to move freely in the double loop, all as will be more fully hereinafter set forth and claimed.

Figure 1 in the accompanying sheet of drawings represents, in enlarged scale, the metallic blank from which the fastener is formed. Fig. 2 is a perspective view of the fastener complete, wherein the wings are shown as bent forward to form the forked or double hook and ready for use. Fig. 3 is a front view of the device, showing the hook portion passed through the eye of the button. Fig. 4 is a horizontal sectional view on line *xx* of Fig. 3, showing the top of the hooks and a portion of the button-eye. Fig. 5 is a front view showing the button completely attached to the fabric, the points or ends of the hooks having been bent rearwardly for the purpose of locking and retaining the button in position. Fig. 6 is a side or edge view of the same. Fig. 7 is a horizontal sectional view taken on line *oo* of Fig. 5; and Fig. 8 represents a modi-

fied form of the blank, wherein the post extends to the end in parallel sides, the upper portion being cut or slitted through its center.

The following is a detailed description of the invention, including the manner of its application and use.

B, again referring to the drawings, designates the blank from which the fastener is formed, the same being cut from a strip of metallic stock, said blank consisting of the elongated retaining base or table *a*, having the stem *b* extending from the center thereof, which terminates in the oppositely-formed hooks *c c*, the blank thus far being flat or in the same plane as the stock from which it is cut or formed. The upper portion of the stem or post *b* may terminate in parallel sides and be slitted longitudinally at *b' b'*, said portion being subsequently bent (see dotted lines) to form the hooks *c c*, all as fully indicated in Fig. 8, in the blank B'.

The button-fastener A, Fig. 2, made from the blank B, is produced by simply bending the two hooks *c* toward each other and in front of the stem *b*, to produce the forked or claw-shaped loop *c'*.

The operation of attaching buttons to fabrics by means of the present improved fastener may be described substantially as follows: The fabric F is first punctured or perforated, after which the hook end *c c'* is inserted therein, the double hook projecting above the upper surface of the fabric. The eye of the button E is then passed over the points of said hook, (see Figs. 3 and 4,) after which the said points are bent rearwardly to partially encircle the button-eye, as shown in Figs. 5, 6, and 7, thus connecting the button to the fabric and completing the operation.

I am aware that fasteners having a base, stem, and attaching-loop have been made prior to my invention; therefore I do not claim such construction, broadly; but

What I do claim, and desire to secure by Letters Patent of the United States, is—

1. As an improved article of manufacture, the button-fastener herein-described, consisting of the single stem or post with the duplex or forked attaching-loop on its end and the retaining-base, substantially as shown and set forth.

2. The metallic button-fastener A, herein

described, consisting of the base *a*, stem *b*, and double or forked attaching-hook *c c'*, the whole being integrally formed from a single blank, substantially as shown and set forth.

- 5 3. The metallic blank B, herein described, having the elongated head *a*, stem *b*, extending from said head, and oppositely-formed hooks *c c'*, the latter forming the termination of said stem and having the points thereof

substantially in line with or over the end portions of the head *a*, as shown.

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

JAMES F. THAYER.

Witnesses:

GEO. W. PRENTICE,
CHARLES GREENE.