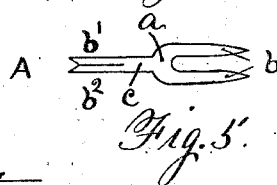
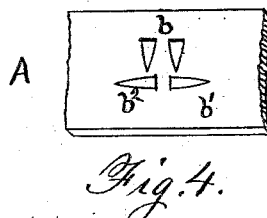
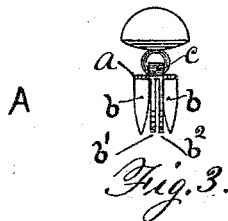
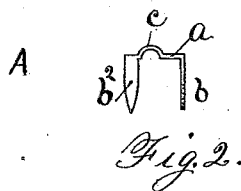
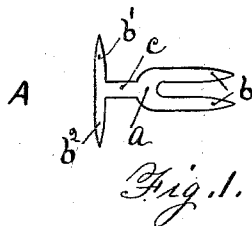


(No Model.)

J. F. THAYER.
BUTTON FASTENER.

No. 301,642.

Patented July 8, 1884.



Witnesses.

Charles Greene

E. Fisher

Inventor.

James F. Thayer
by Franklin A. Smith
Atty.

UNITED STATES PATENT OFFICE.

JAMES F. THAYER, OF PROVIDENCE, RHODE ISLAND.

BUTTON-FASTENER.

SPECIFICATION forming part of Letters Patent No. 301,642, dated July 8, 1884.

Application filed May 19, 1884. (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 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 and figures of reference marked thereon, which form a part of this specification.

My present invention relates to that class of fastening devices which consist of a table and several integral prongs, the said fastener adapted to carry a button and be secured to fabric by means of the prongs, which are passed through the material and clinched to secure the button. In fasteners of the class mentioned the button is usually carried by a single prong, the upper portion of which is bent to form a loop for the reception of the eye of said button, and with the others are passed through the fabric and clinched, usually with the said single prong at the rear. It has been found in practice that this prong, being the weakest part of the fastener, is liable to lift out of or loosen up in the fabric, allowing the button to become disengaged.

The object of my present invention is to obviate the defect herein mentioned, and at the same time produce a stronger and more durable fastener not liable to become loose or detached.

To this end my invention consists, primarily, of a fastener having, substantially, a table with prongs bent at right angles thereto, and further provided with a neck or loop for the reception of the eye of a button terminating in a double prong to retain the said button in position when attached to a fabric, all as will be hereinafter more fully described, and particularly pointed out in the claims.

To more fully illustrate my invention I refer to the drawings, in which Figure 1 is a plan view of the blank from which my improved fastener is made. Fig. 2 is a side elevation of my improved fastener. Fig. 3 is a front elevation of same, with button in position ready for attachment. Fig. 4 is a view of the under surface of a fabric, showing the

prongs clinched. Fig. 5 is a plan view of a modified form of blank.

In the present instance my improved fastener consists of the table *a* and the prongs *b* *b*, projecting from one side, and the neck or loop *c*, provided with the prongs *b' b'*, projecting from the opposite side thereof, the complete device formed from a blank cut as shown in Fig. 1, the prongs of said blank being bent at right angles to the table *a*, as shown, the neck *c* being also bent to form a loop for the reception of an eye-shank button. The prongs *b' b'* are bent close together, forming, substantially, a single split prong, as shown in Fig. 3.

In attaching buttons to fabric the button is passed into the loop *c* of the fastener, the prongs of which are then passed through the fabric and clinched, assuming, substantially, the position shown in Fig. 4, thus securely attaching the button.

By means of my improvement I attain a decided increase in the holding capacity of what is generally designated as the "button-carrying prong," as I provide two prongs outside the loop instead of one, as is the usual manner, the two prongs being clinched in opposite directions. In the blank shown in Fig. 5 the prongs *b' b'* are made from a single prong split or cut lengthwise, as shown, and are subsequently bent, forming a substantial equivalent of my improved fastener.

The number and location of the prongs opposite the neck may be changed, if desired, as it is not an essential feature of my invention.

I claim—

1. A sheet-metal button-fastener consisting of a table with prongs at the side of the table and integral therewith, and further provided with a loop or neck terminating in a double or split prong, the prongs at opposite ends of the fastener being at right angles to each other, substantially as specified.

2. The button-fastener *A*, consisting of the table *a*, prongs *b b'*, and neck portion *c*, arranged and adapted for use substantially as described.

In testimony whereof I affix my signature in the presence of two witnesses.

JAMES F. THAYER.

Witnesses:

F. A. SMITH, Jr.,
E. FISHER.