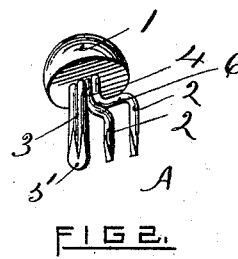
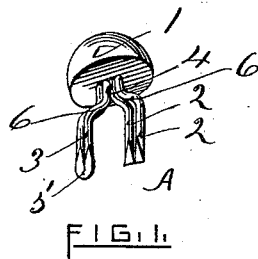


(No Model.)

J. F. THAYER.  
BUTTON FASTENER.

No. 341,965.

Patented May 18, 1886.



WITNESSES,

W. A. Smith  
Charles Greene

INVENTOR,

James F. Thayer

# UNITED STATES PATENT OFFICE.

JAMES F. THAYER, OF PROVIDENCE, RHODE ISLAND.

## BUTTON-FASTENER.

SPECIFICATION forming part of Letters Patent No. 341,965, dated May 18, 1886.

Application filed March 10, 1886. Serial No. 194,678. (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 Combined Buttons and 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.

This invention relates to a new construction of a combined button and fastener; and it consists, essentially, of a fastening device comprising an intermediate neck portion rigidly secured to a head made from leather or other suitable substance, and a connecting-base provided with prongs bent at right angles thereto, all formed from a continuous strip of wire, one of the prongs being made from the doubled inner portion of the wire, the doubled part of said prong being swaged to form a penetrating end, the remaining prongs being formed from the outer or free ends of said wire, all substantially as will be hereinafter more fully described.

Figure 1 is a perspective view of my improved button and fastener; Fig. 2, a perspective view of a modified form of the same.

In carrying out my invention the fastening device A is made from a continuous strip of wire doubled at the center of its length, the inner or doubled portion of the wire forming the prong 3, swaged at the end to form a penetrating point, 5. The doubled wire is then bent at or near the center of its length into the form of a staple, forming the intermediate neck portion, 4, which is composed of four sections of wire lying close together. The projecting ends are then bent outward at right angles to the neck portion 4, to form a connecting-base, 6, and again bent downward at right angles to the connecting-base 6, forming the prongs 2 2 and 3, the prongs 2 2 lying

side by side, the prong 3 being connected at the end, as previously described. The intermediate neck portion, 4, is rigidly secured to the head 1, said head being made from leather, pulp, or other suitable substance, pressed or molded into the required form, thus forming the complete device, as shown in Fig. 1 of the drawings.

In place of forming the connecting-base 6 on each side of the neck portion 4, as previously described, I may form the fastener A with the doubled prong 3 projecting straight downward from the neck portion, omitting the connecting-base from that prong, as shown in Fig. 2, the prongs 2 2 in this instance standing a distance apart, instead of side by side, as in Fig. 1.

My improved button and fastener is secured to a shoe or other article by passing the prongs through the material and clinching them on the under surface, the connecting-base resting on the upper surface and serving to retain the button in proper position on the material when in use.

I claim—

1. A combined button and fastener comprising a head portion made of leather, pulp, or other suitable substance, and a fastener rigidly secured to said head portion, consisting of an intermediate neck and a connected base provided with fastening-prongs, one of said prongs being made from doubled wire and the remaining prongs being formed from single wire, substantially as herein set forth.

2. A button and fastener comprising the head 1, having intermediate neck portion, 4, and the connecting-base 6, provided with the single prongs 2 2 and double prong 3, substantially as and for the purpose specified.

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

JAMES F. THAYER.

Witnesses:

F. A. SMITH, Jr.,  
CHARLES GREENE.