

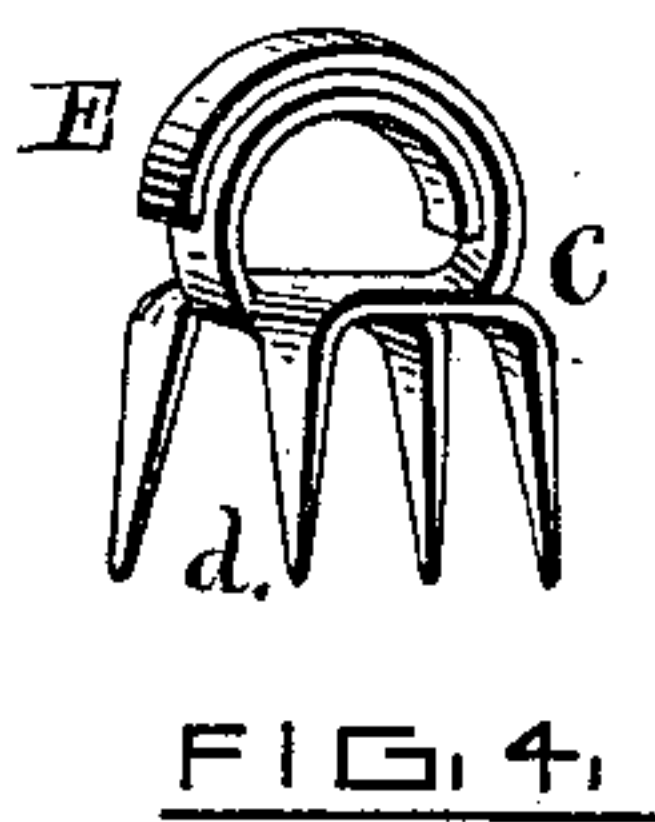
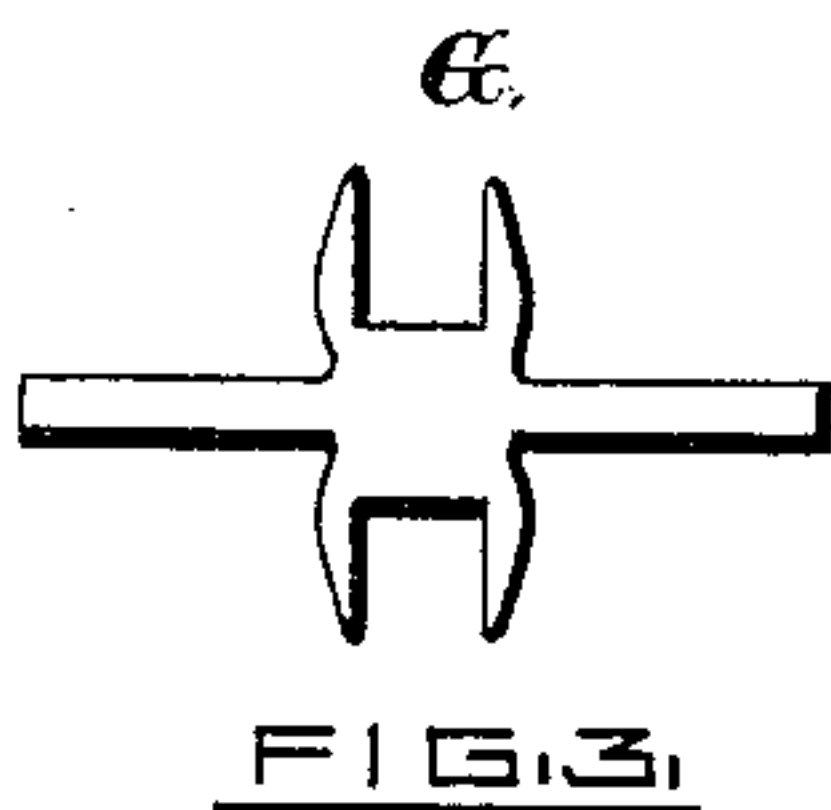
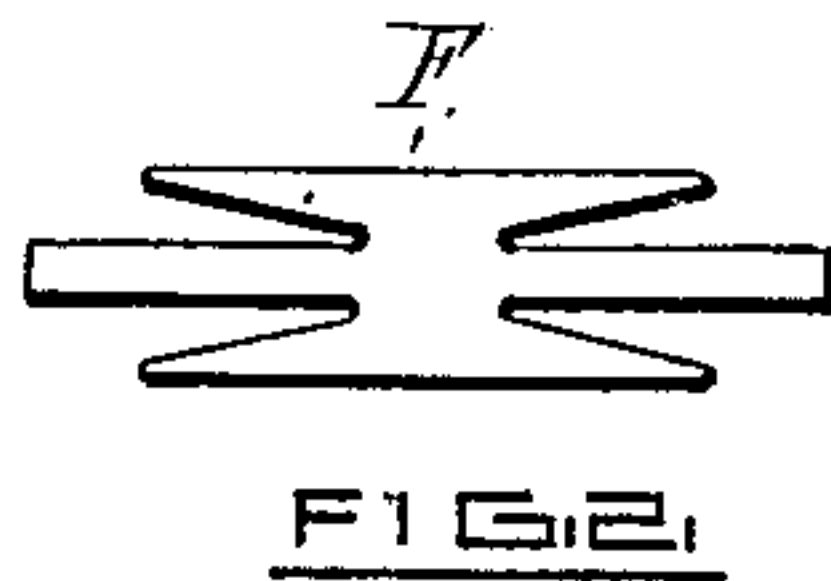
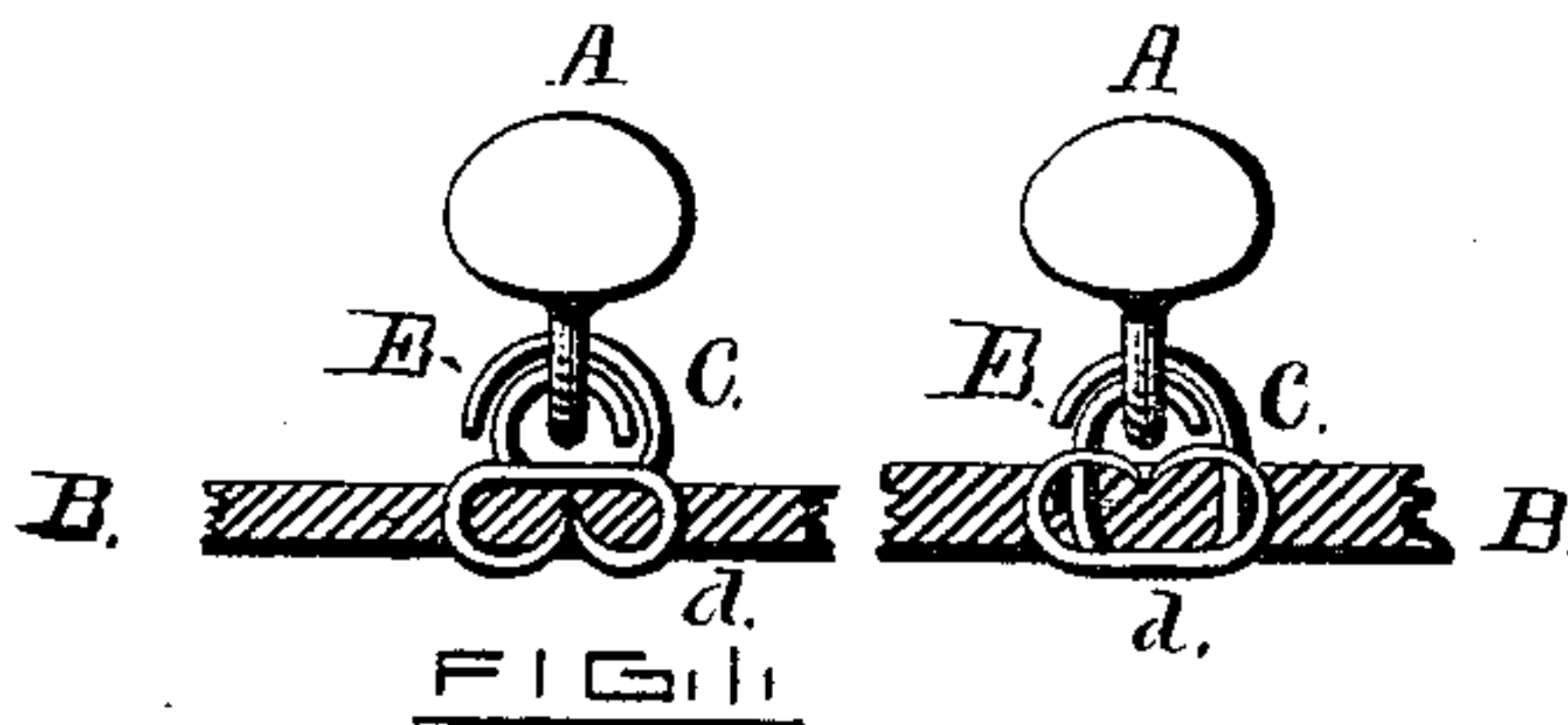
(No Model.)

F. A. SMITH, Jr.

BUTTON FASTENING.

No. 266,652.

Patented Oct. 31, 1882.



WITNESSES.

Frank S. Quinby  
James J. Nolan Jr.

INVENTOR.

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# UNITED STATES PATENT OFFICE.

FRANKLIN A. SMITH, JR., OF PROVIDENCE, RHODE ISLAND.

## BUTTON-FASTENER.

SPECIFICATION forming part of Letters Patent No. 266,652, dated October 31, 1882.

Application filed August 14, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, FRANKLIN A. SMITH, Jr., of Providence, in the State of Rhode Island, have invented a new and useful Button-Fastener; and I do hereby declare that the following specification, taken in connection with the drawings making a part of the same, is a full, clear, and exact description thereof.

Figure 1 is a side view of my improved fastener attached to the button and fabric. Figs. 2 and 3 are views of blanks from which the fastener is formed. Fig. 4 is a view of complete device as formed from blank shown in Fig. 2.

My invention relates to those button-fasteners which are provided with hooks thrown up from a suitable blank.

The object of my invention is to produce a button-fastener which may be placed and secured upon the upper or under surface of the material or article of wearing-apparel to which it is desired to attach a button; and it consists of a blank cut from sheet metal, having projecting penetrating-points, subsequently bent at right angles to the central portion or base-plate for securing the device to the fabric, and two projecting bars or arms extending from either side of said blank, subsequently bent or formed into loops, one of which loops passes over and rests upon the top of the other.

In the drawings, A, Fig. 1, is the button; B, the fabric or material, and C the fastener, having two or more prongs, *d*, for securing it to the material, and two fingers or loops, E, for holding the button.

F, Fig. 2, and G, Fig. 3, are different forms of blanks from which the fastener may be formed. After the blank has been struck out, as shown in Figs. 2 and 3, the securing-prongs are turned up or down at right angles to the central or base plate, according to whether it is desired to attach the fastener to the upper or under side of the material. The projecting bars or arms are

bent over the plate, forming loops E, one loop lying over and resting upon the top of the other, as shown in Figs. 1 and 4, a space being left between the end of each loop and the base-plate.

The securing-prongs are forced through the material and the fastener firmly secured by turning and clinching the points. To attach the button, the eye is forced between the two loops, which will spring sufficiently to admit it, and carried around in a direction away from the point of introduction until the eye passes the end of the inner loop, when the direction of the button is reversed, and both loops rest within the eye, as shown in Fig. 1. The button may be easily detached in like manner, when desired, by forcing the eye between the loops and moving it around until it clears the loops.

The manner of attaching the base-plate to the fabric is not material to this invention, as it may be done in a variety of ways. I consider, however, the prongs described give the best results. The placing of one loop upon the other gives great strength to the fastener and enables the button to be readily adjusted or removed.

What I claim as my invention, and desire to secure by Letters Patent, is—

As an improved article of manufacture, the fastener herein described, consisting of a base-plate formed with parallel securing-prongs, and arms E, extending from the body, connecting said prongs, and bent, one over the other, over said base-plate, substantially as described, so that one will rest upon the top of the other, the whole being formed from a blank of sheet metal, as and for the purposes specified.

FRANKLIN A. SMITH, JR.

Witnesses:

WALTER B. VINCENT,  
W. HOWARD WALKER.