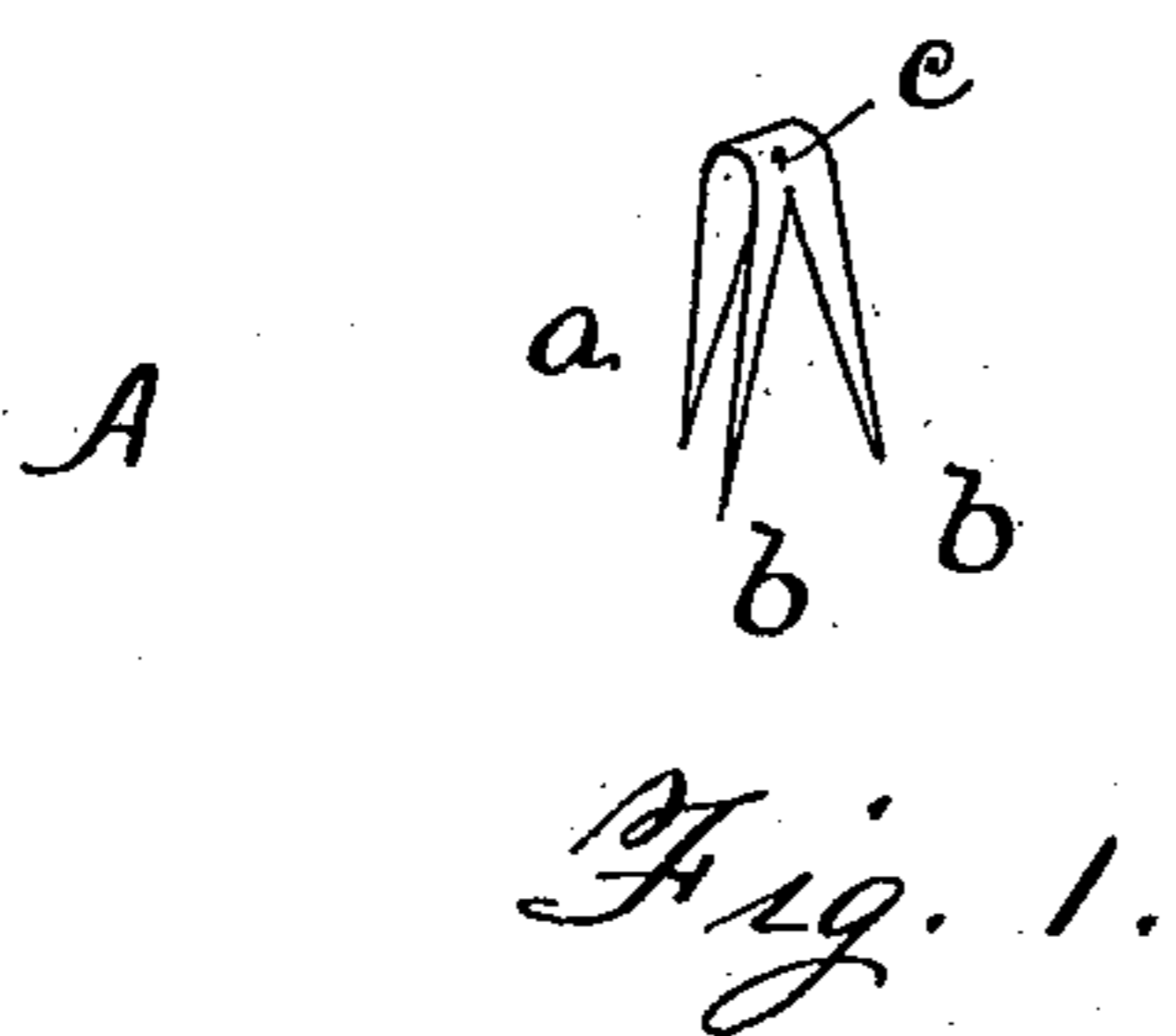
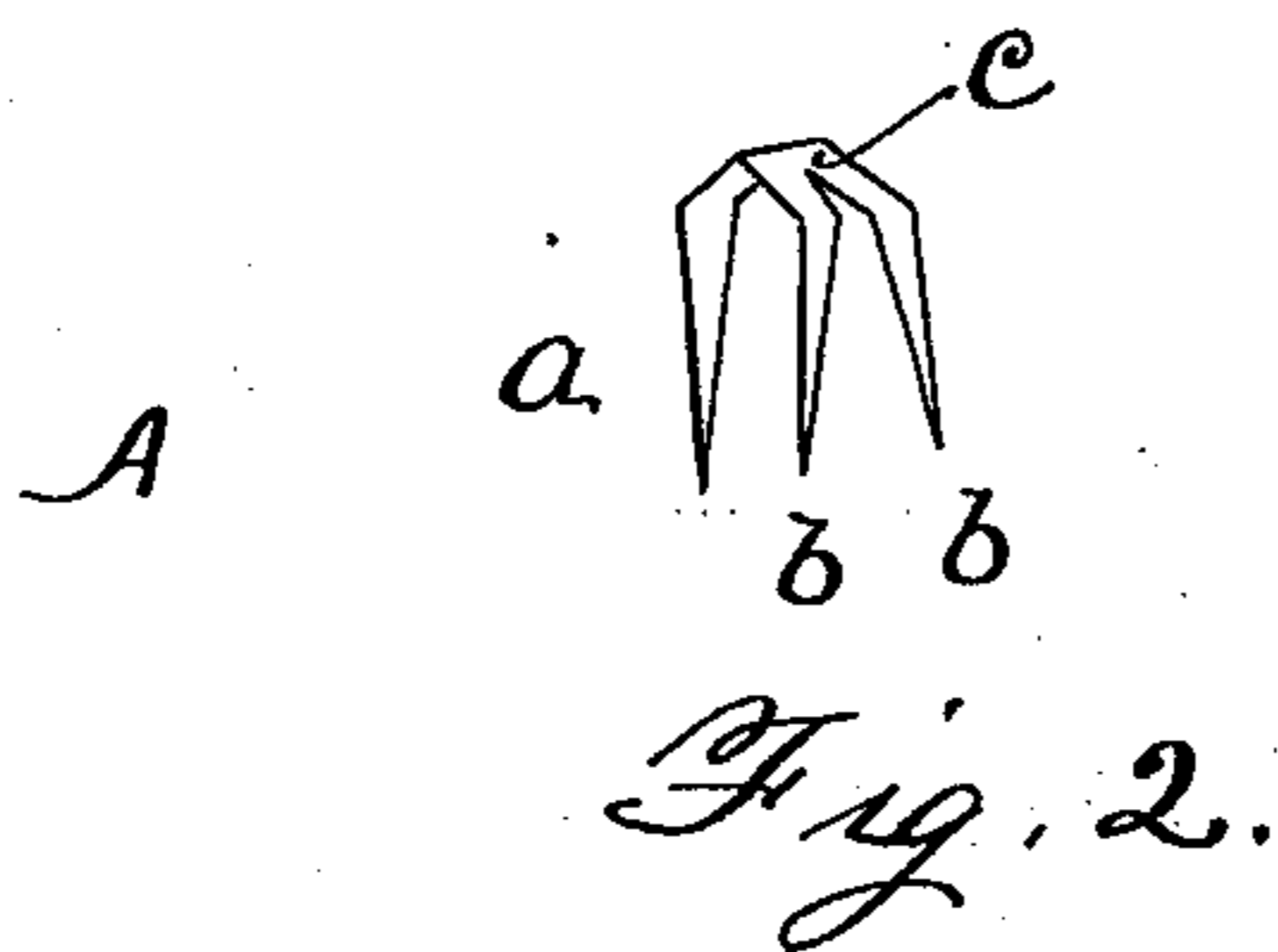
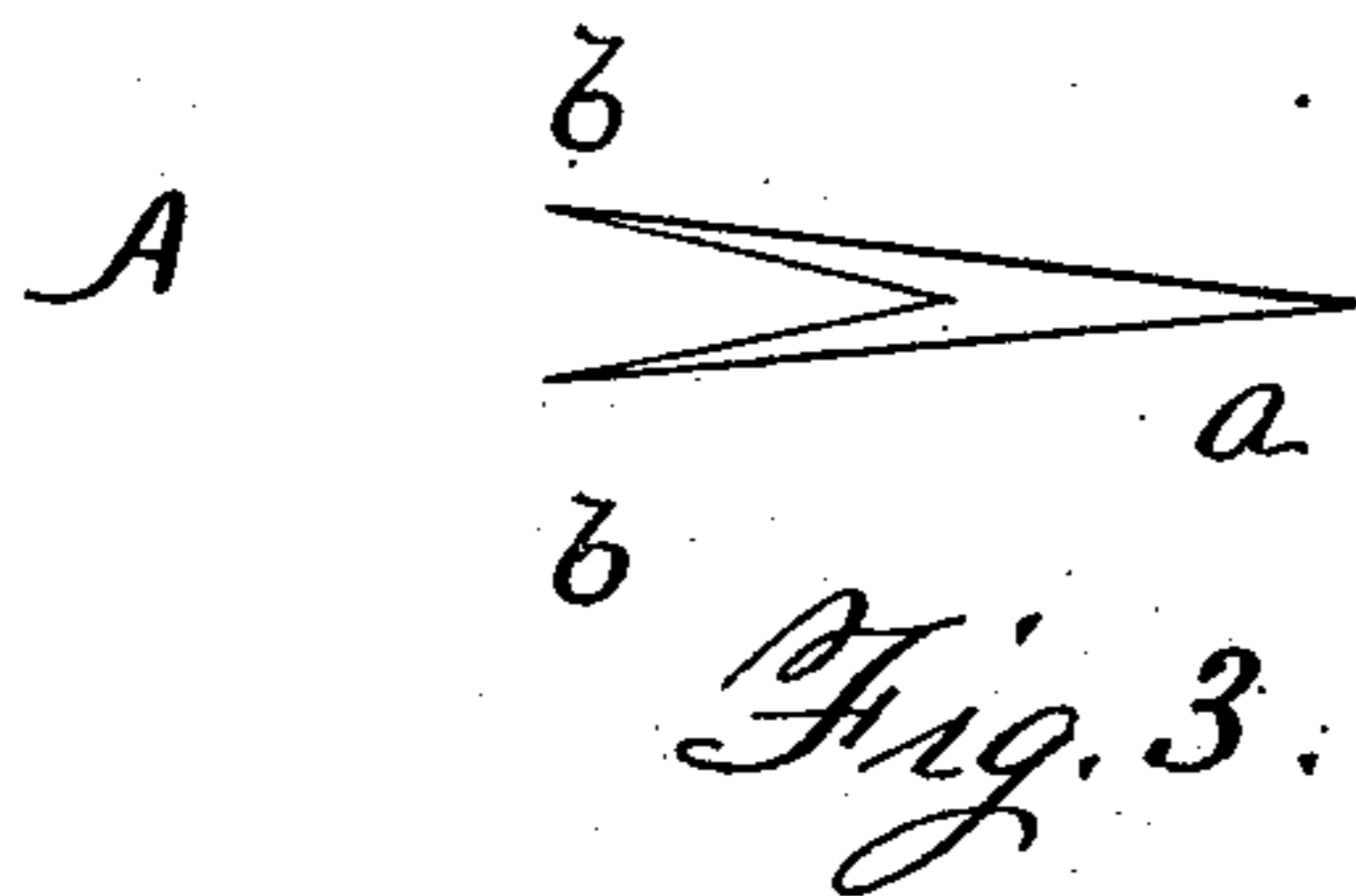


(No Model.)

G. W. PRENTICE.
BUTTON FASTENER.

No. 336,943.

Patented Mar. 2, 1886.



Witnesses,
Charles Greene
G. A. Smith Jr.

Inventor,
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UNITED STATES PATENT OFFICE.

GEORGE W. PRENTICE, OF PROVIDENCE, RHODE ISLAND.

BUTTON-FASTENER.

SPECIFICATION forming part of Letters Patent No. 336,943, dated March 2, 1886.

Application filed December 21, 1885. Serial No. 186,314. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. PRENTICE, 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 Staple 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 that class of button-fasteners styled "staples," heretofore made by cutting and bending a strip of wire into a loop having two depending legs, which are passed through the material to which the button is to be secured, and clinched. The object of this invention is to produce a stronger and more effective staple fastener for eye-buttons; and it consists of a staple made from a blank cut from sheet metal, having three legs or projections, which is bent at or near the center of its length, parallel with each other, all as will be hereinafter more fully described.

Figures 1 and 2 are perspective views of my improved staple fastener; Fig. 3, a plan view of the blank from which the staple is made.

The staple A is cut from sheet metal into form substantially like that shown in Fig. 3; and it consists of the single leg *a*, and the double legs *b b*. The sides of the blank A are cut in oblique lines from the point of the leg *a* to the ends of the legs *b b*, and the metal between said double legs is cut out on the line from the ends of the same inward to the center of the blank. The blank is then bent at or near its center, bringing the prongs parallel with each other, and thus forming the loop *c*, for the reception of the eye of a button, as fully shown in the drawings.

The loop *c* may be formed rounded, as shown in Fig. 1, or angular, as in Fig. 2, the former being better adapted for fabrics requiring a long-eyed button, as the eye of the button is drawn down closer to the fabric when secured thereto than with the angular loop, as the crown of the latter stands higher above the fabric, allowing a short-eyed button to be employed.

In securing a button to fabric by means of my improved staple a button-eye is passed over the leg *a* into the loop *c*, and the legs are all passed through the fabric and clinched, the material between the double legs being compressed into the wedge-shape space, forming a bearing on the surface for that portion of the staple. The sides of the blank being cut on oblique lines allows a great variation of the shape and dimensions of the loop desired to be made.

Having described my invention, I claim—

1. The triangular blank A, comprising the legs *a* and *b b*, the latter being cut in oblique lines from the point of the former, the space between the legs *b b* being cut in oblique lines to a point at or near the center of said blank, substantially as and for the purpose specified.

2. The herein-described sheet-metal staple, provided with the divergent tapered legs *a* and *b b*, the leg *a* being bent parallel to the legs *b b*, forming the loop *c*, adapted to engage the eye of a button, all the said legs to be passed through the material and be subsequently clinched, substantially as specified.

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

GEORGE W. PRENTICE.

Witnesses:

CHARLES GREENE,
F. A. SMITH, Jr.