

(No Model.)

H. HOWSON.
BUTTON FASTENER.

No. 286,929.

Patented Oct. 16, 1883.

FIG. 1.

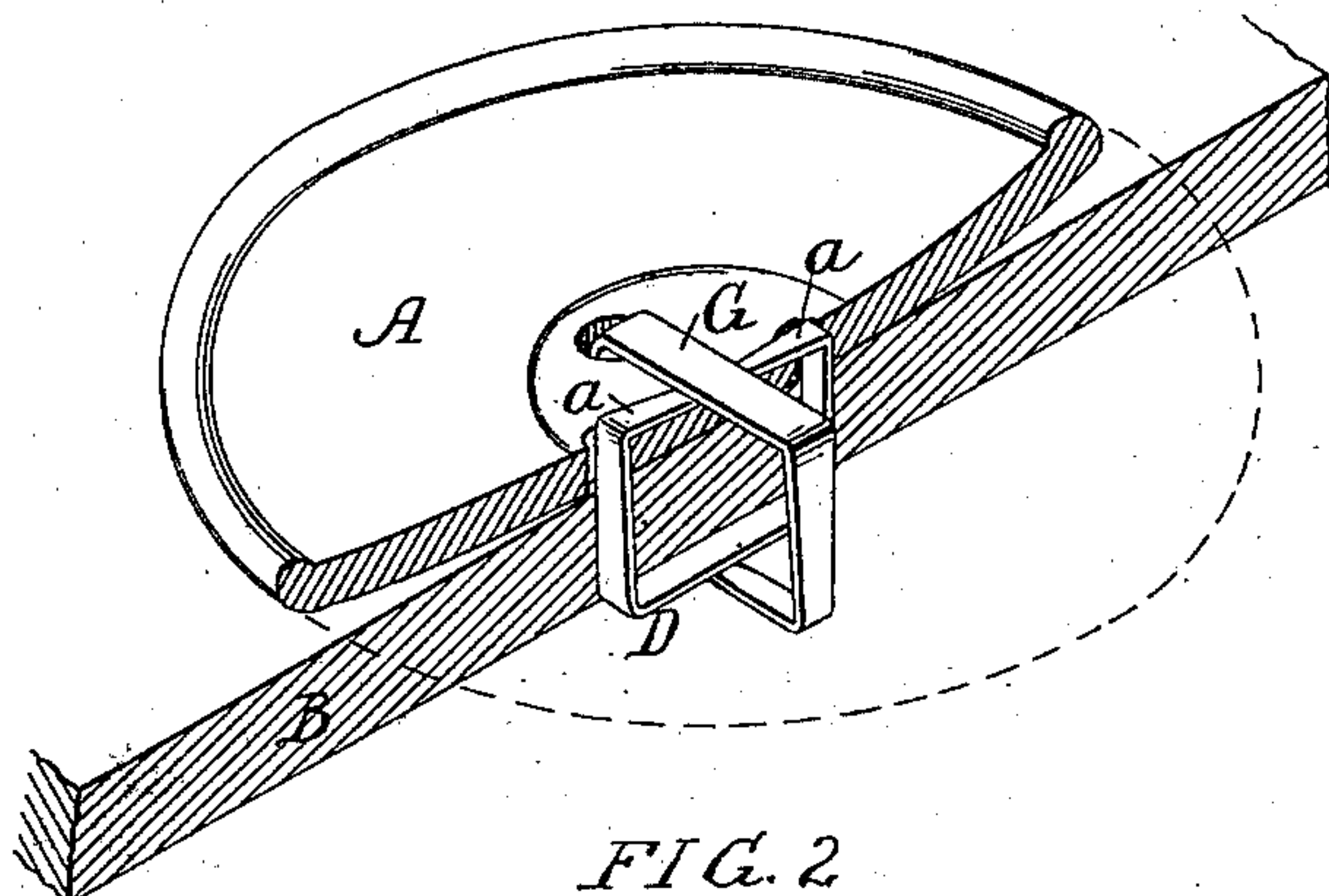


FIG. 2.

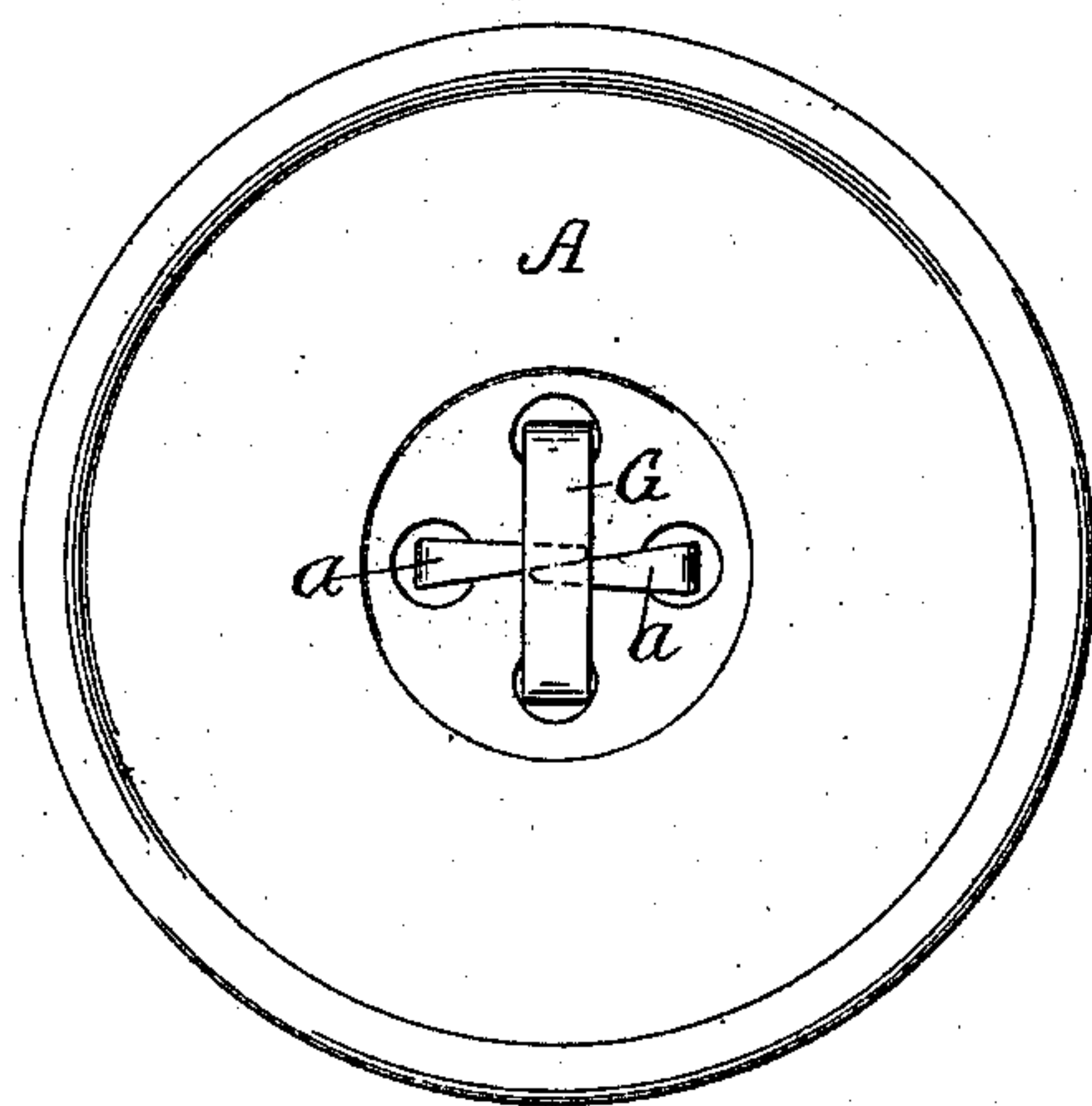


FIG. 3.

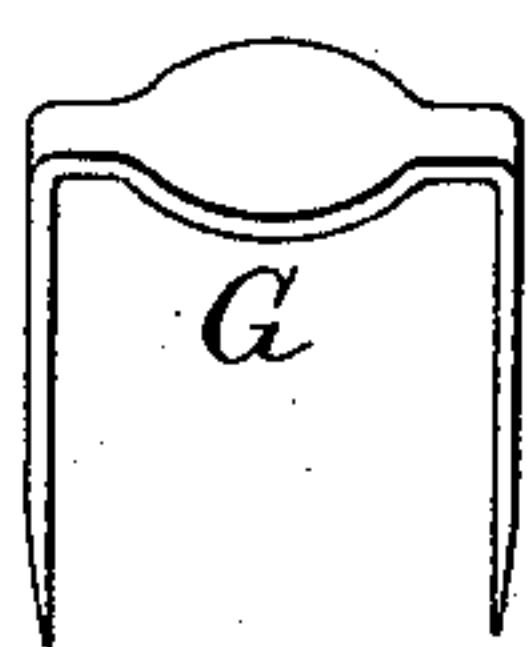


FIG. 4.

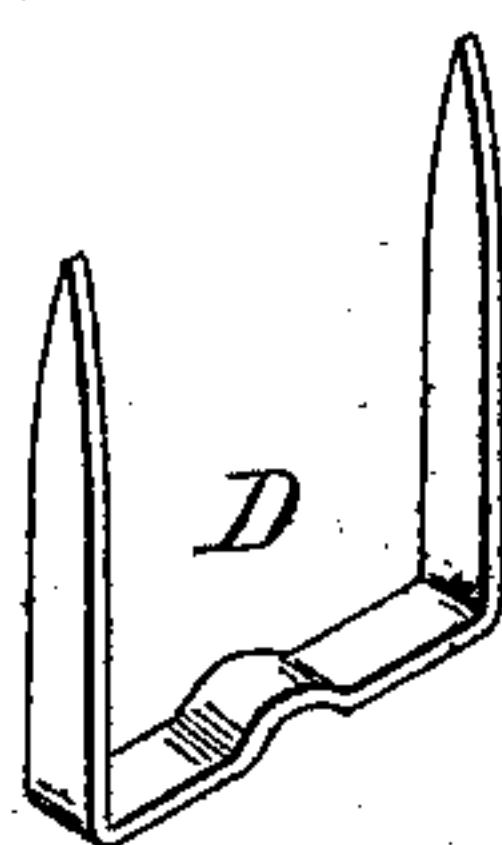
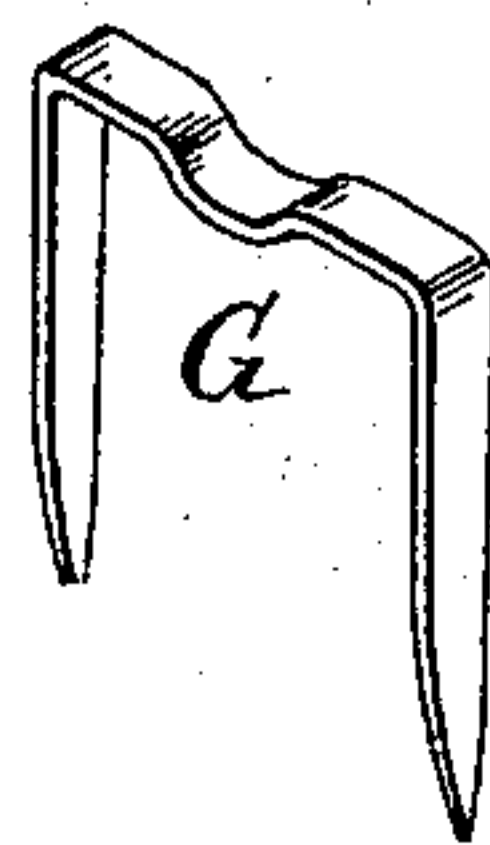


FIG. 5.



WITNESSES:

Alexander Barkoff
James J. Johnson

INVENTOR:

Henry Howson
by his Attorneys
Howson & Sons

UNITED STATES PATENT OFFICE.

HENRY HOWSON, OF PHILADELPHIA, PENNSYLVANIA.

BUTTON-FASTENER.

SPECIFICATION forming part of Letters Patent No. 286,929, dated October 16, 1883.

Application filed August 30, 1883. (No model.)

To all whom it may concern:

Be it known that I, HENRY HOWSON, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented certain Improvements in Button-Fasteners, of which the following is a specification.

The object of my invention is to make a secure fastening for affixing four-holed buttons to fabrics, leather, &c., by means of staples, without the aid of a clinching-ring; and this object I attain as more fully described hereinafter.

In the accompanying drawings, Figure 1 is a sectional perspective view drawn to an enlarged scale, and illustrating my invention; Fig. 2, a plan view of Fig. 1, and Figs. 3, 4, and 5 perspective views of staples which may be used in carrying out my invention.

It should be stated in the outset that it has been proposed to fasten a four-holed button to clothing by two staples, the legs of one staple being passed through two holes of the button and through the fabric, and those of the other staple, arranged at right angles to the first, being passed through the remaining holes of the button and through the fabric, at the back of which the legs of both staples were clinched against a metal ring.

In carrying out my invention I also use two staples; but, instead of passing the legs of both in the same direction through the button and fabric, I pass the legs of one staple in one direction through the button and then through the fabric, and the legs of the other staple in an opposite direction, first through the fabric and then through the button, the head of one staple being on the button and the head of the other staple at the back of the fabric—an arrangement which enables me to dispense with the clinching-ring.

In the sectional perspective view, Fig. 1, A is a four-holed button, and B the fabric, the legs of the inner staple, D, having been passed from the rear of the fabric through the latter

and through two holes of the button, and the ends *a* of the legs having been bent against the surface of the same. The legs of the outer staple, G, on the other hand, have been passed in a contrary direction through the two remaining holes of the button, the head of this staple covering part of the bent ends of the staple D, and the legs of the staple G being clinched beneath the head of the staple D. The head of the outer staple, G, may be enlarged, as shown in Fig. 2, so as to form a neat central finish for the button, and the head of the inner staple, D, may be indented, as shown in Fig. 3, so as to afford a lodgment for the bent ends of the legs of the outer staple; and the head of this outer staple may be similarly indented to receive the bent ends of the inner staple, should it be deemed advisable for these ends to overlap the head of the outer staple. The two staples applied in the manner described afford a most secure fastening for the button.

I do not restrict myself to the use of any specific kind of staples, for it is immaterial how they are made, providing they are of such metal or alloy that the legs can be bent or clinched without breaking. The bent ends of one staple, moreover, may be either on the inside or outside of the head of the other staple; but I prefer the plan shown in Fig. 1.

I claim as my invention—

As an improved fastening for a four-holed button, the combination of the button with two metallic staples passed through the button and fabric or leather in opposite directions at right angles to each other and clinched, substantially in the manner described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HENRY HOWSON.

Witnesses:

JAS. L. SKIDMORE,
ALBERT POPKINS.