

(No Model.)

P. H. SWEET, Jr.

BUTTON FASTENER.

No. 290,139.

Patented Dec. 11, 1883.

Fig 1

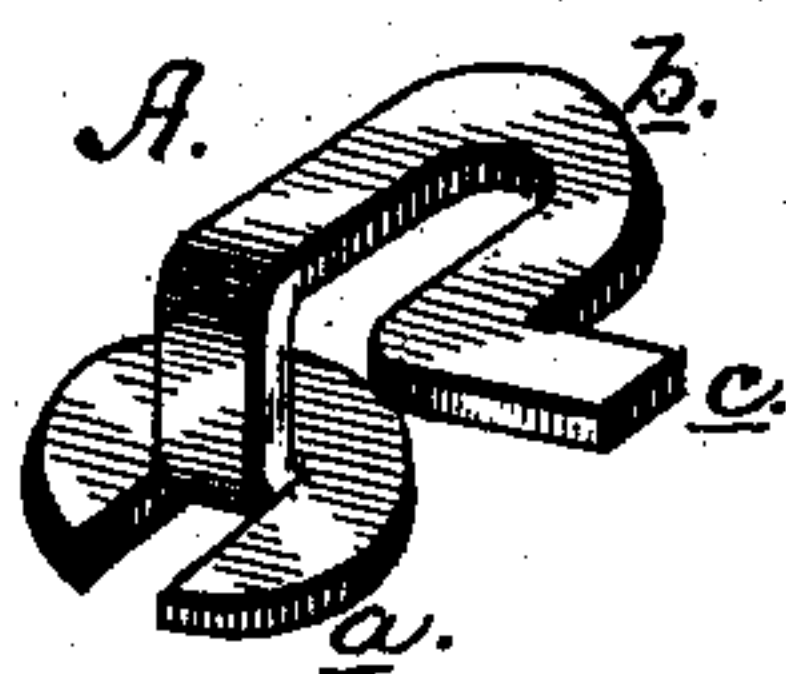


Fig 2

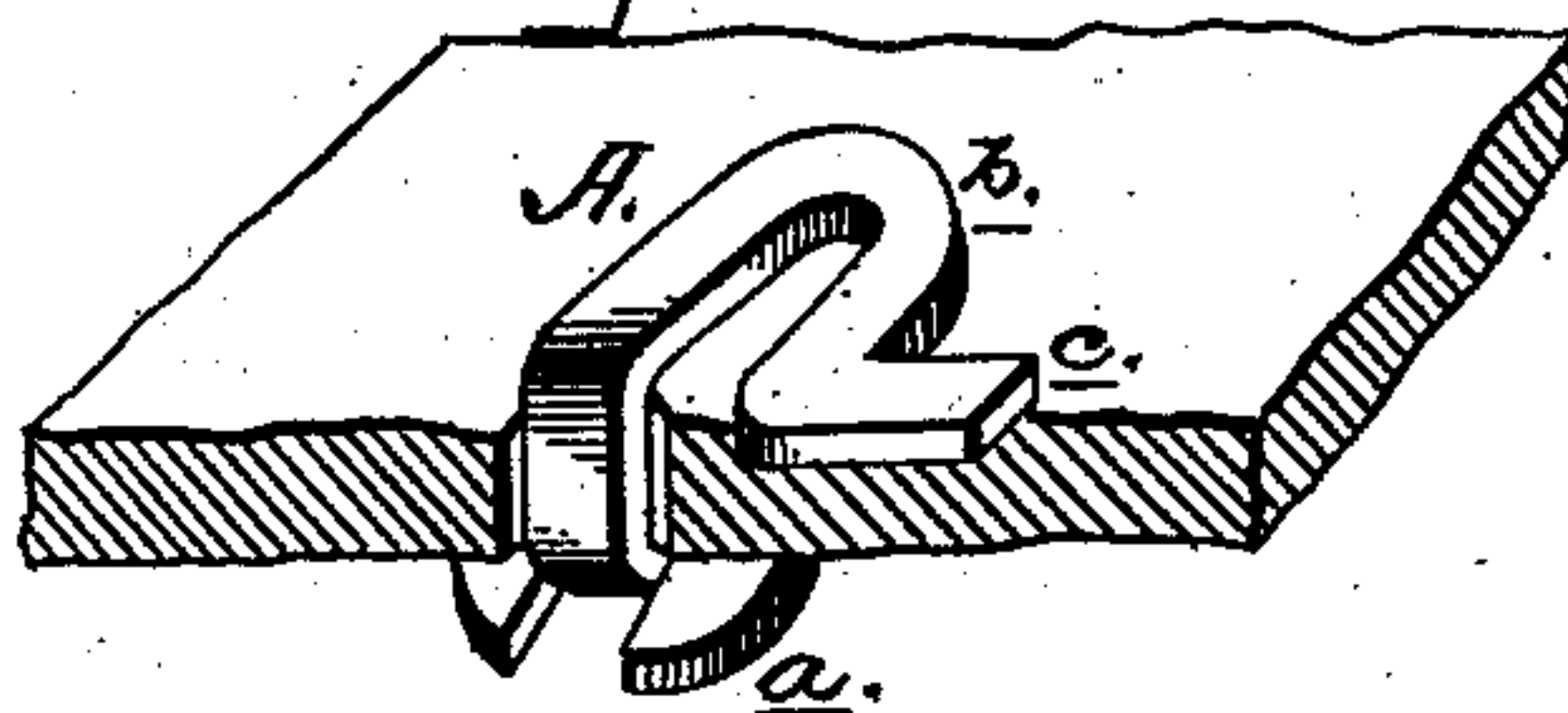


Fig 3

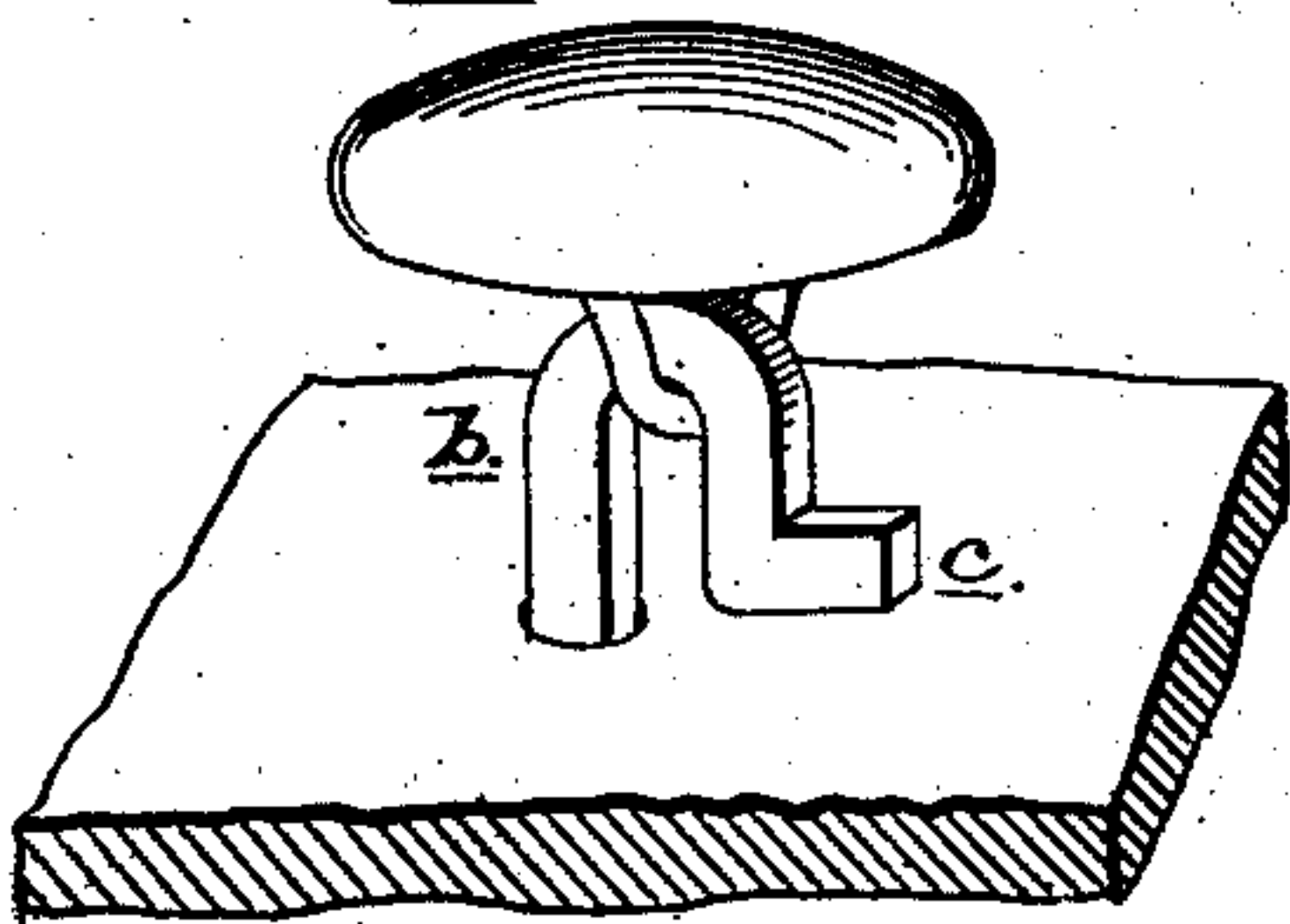


Fig 4

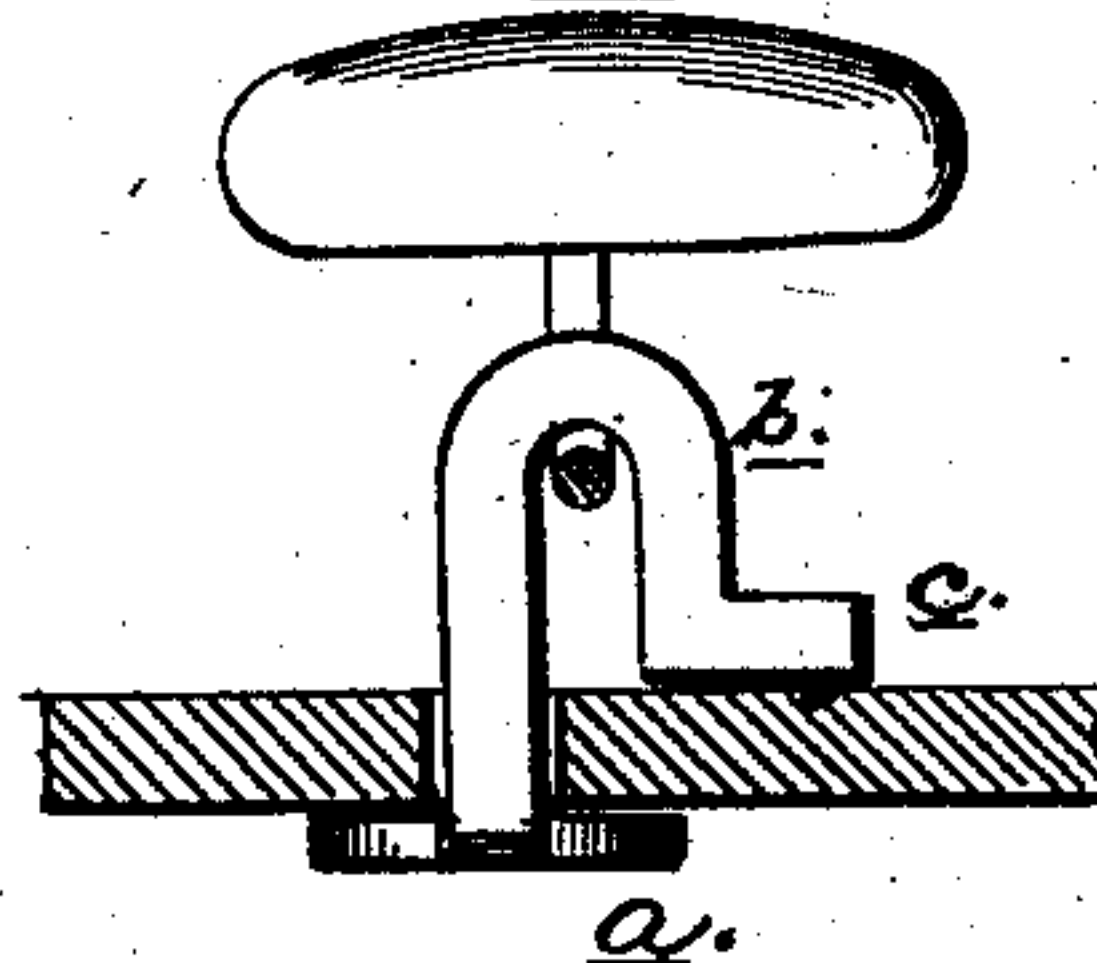
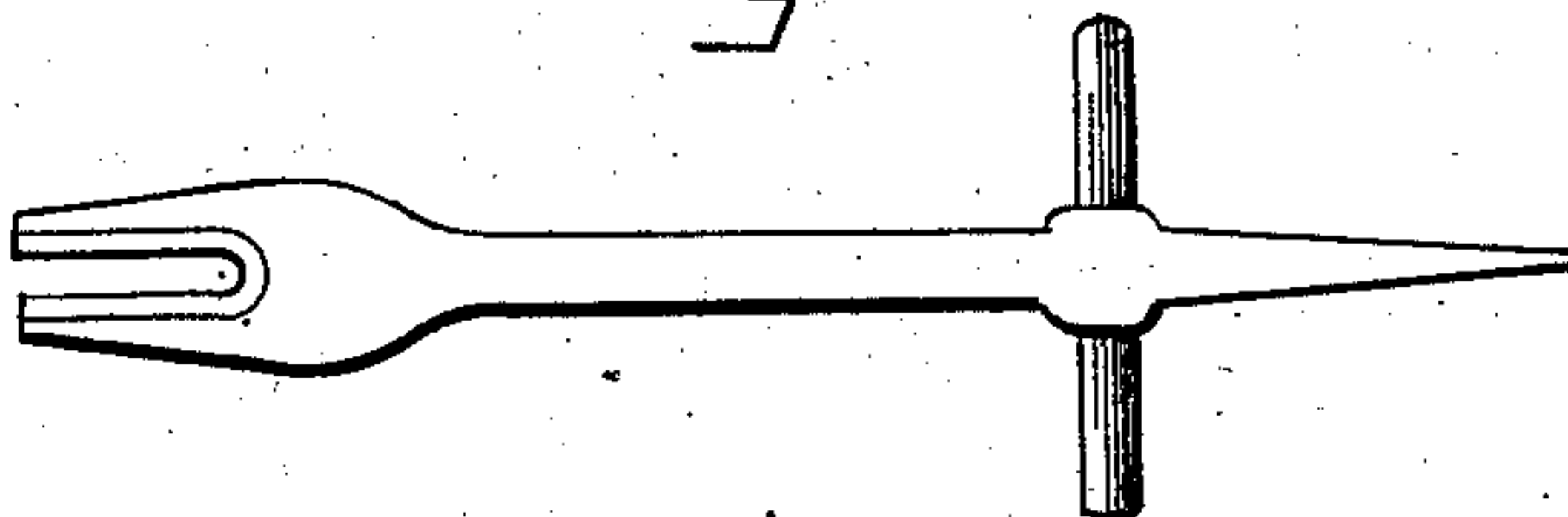


Fig 5



WITNESSES:

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BUTTON-FASTENER.

SPECIFICATION forming part of Letters Patent No. 290,139, dated December 11, 1883.

Application filed January 24, 1883. (No model.)

To all whom it may concern:

Be it known that I, PARKER H. SWEET, Jr., a citizen of the United States, residing at Washington, in the District of Columbia, have
5 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
10 others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters and figures of reference marked thereon, which form a part of this specification.

15 My present invention relates to improvements in that class of metallic button fasteners or connections in which the loop portion of the same is passed up through a single hole in a fabric to receive the shank of a button
20 and secure it thereto; and my improvements consist of a fastener of novel construction, having a retaining base-plate provided with a loop portion of peculiar form, which is adapted to be inserted through a single hole in a fabric or material, and after the shank of the
25 button is attached thereto the said loop portion is bent up at right angles to the retaining base-plate to secure the parts together, all as will be hereinafter more fully described, and
30 pointed out in the claim.

In the accompanying drawings, Figure 1 represents a perspective view of my improved fastener; Fig. 2, a similar view of the same as connected to a fabric; Fig. 3, a like view as
35 attached to a button and fabric; Fig. 4, a side elevation of the same, and Fig. 5 a detail view of a device for securing the fastener to the button and fabric.

40 Similar letters of reference occurring on the several figures indicate corresponding parts.

Referring to the drawings, A represents the metallic fastener or connection, which is preferably cut from metal sheets in such a manner as to provide a rounded or other suitable-
45 shaped base or retaining-plate, *a*, having a loop portion, *b*, extending therefrom and formed partly out of said plate or base, as shown. This loop portion *b* is first bent up, for a part of its length, at right angles to the base *a*, and
50 then bent downward again in a plane parallel to the upper surface of the said base, the

free end of the loop being provided with a projection, *c*, as fully shown in the drawings. In place, however, of forming my improved fastener from blanks cut from metallic sheets, 55 I may form the same from wire, with a view to its being produced at a much less cost, and such change or modification is hereby contemplated by me.

In the operation of attaching a button to 60 a fabric by my improved fastener, a suitable hole is made in the fabric or material by a sharp-pointed instrument, and the end *c* of the loop *b* inserted up through the same, and the base *a* turned around until the loop portion rests upon the upper surface of the fabric, as fully shown in Fig. 2. The shank of the button is then passed over the end *c* into the loop *b*, and, by means of a small pair of
65 pliers or the forked end of the device shown at Fig. 5, the said loop *b* is bent up at right angles to the surface of the fabric and base-plate, as fully shown in Figs. 3 and 4, thereby
70 securely clamping the fabric or material between the projecting end *c* of the loop *b* and the base-plate *a*, and also connecting the button to the fabric. To remove the button, the loop *b* must again be bent down to its former position upon the surface of the fabric, to allow of the shank being slipped over the pro- 80
jection *c*.

The fastener thus constructed forms a most simple and efficient means for attaching buttons to any desired material in a short time, and which can be removed or replaced at 85 pleasure.

Having thus described my invention, what I claim as new and useful is—

The herein-described button-fastener, consisting of the base-plate *a* and loop portion 90 *b*, having projecting end *c*, all formed from a single piece of metal, and the loop portion of said fastener being bent so as to project in a line parallel with said base, substantially as shown, and for the purpose specified. 95

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

PARKER H. SWEET, JR.

Witnesses:

C. FRED. KELLER,
EDWIN J. McLAIN.