

No. 615,482.

Patented Dec. 6, 1898.

R. GANS.
BUTTONER.

(Application filed Mar. 11, 1898.)

(No Model.)

Fig. 1.

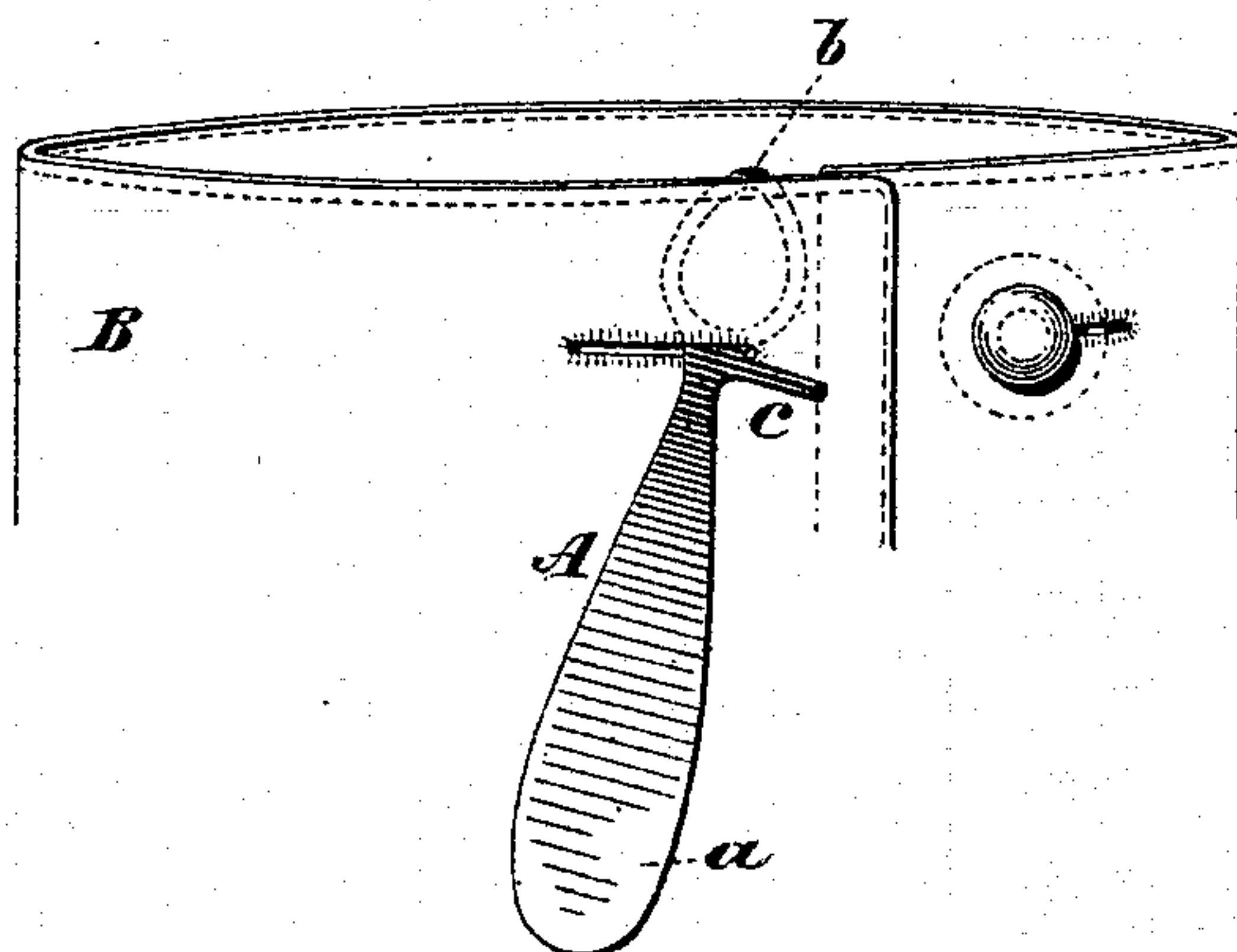


Fig. 2.

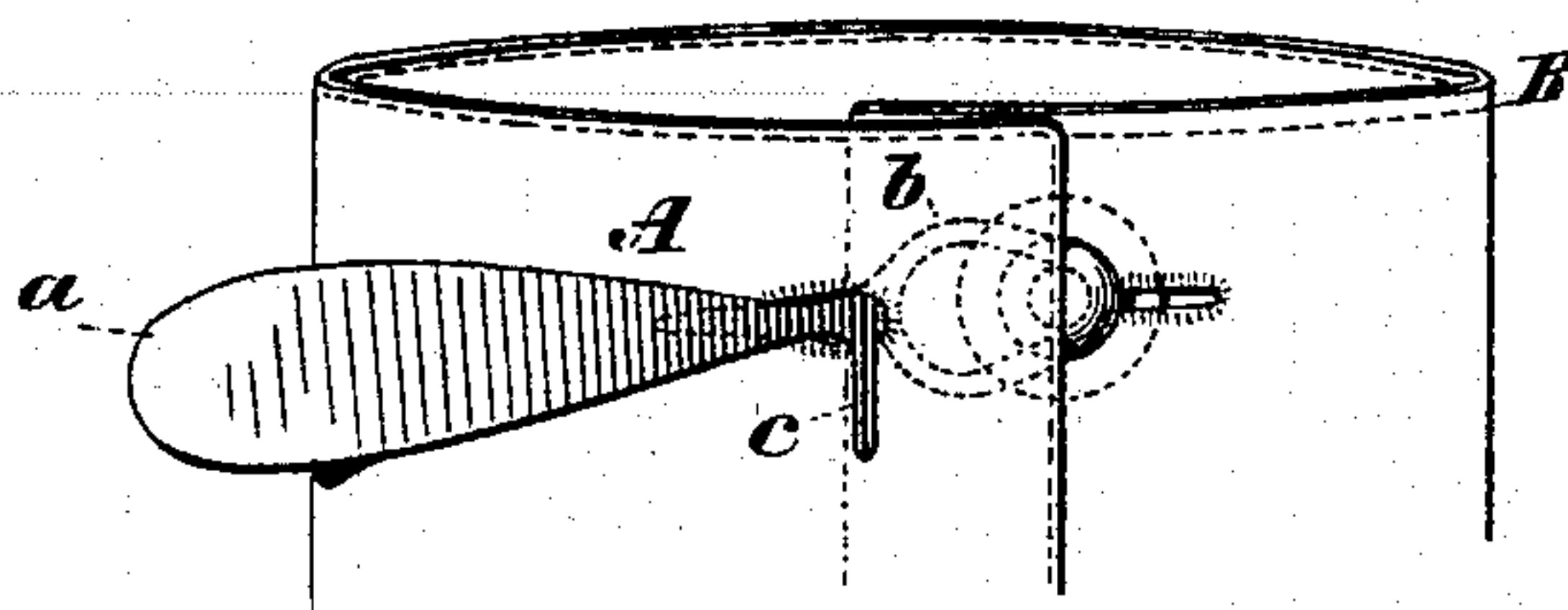
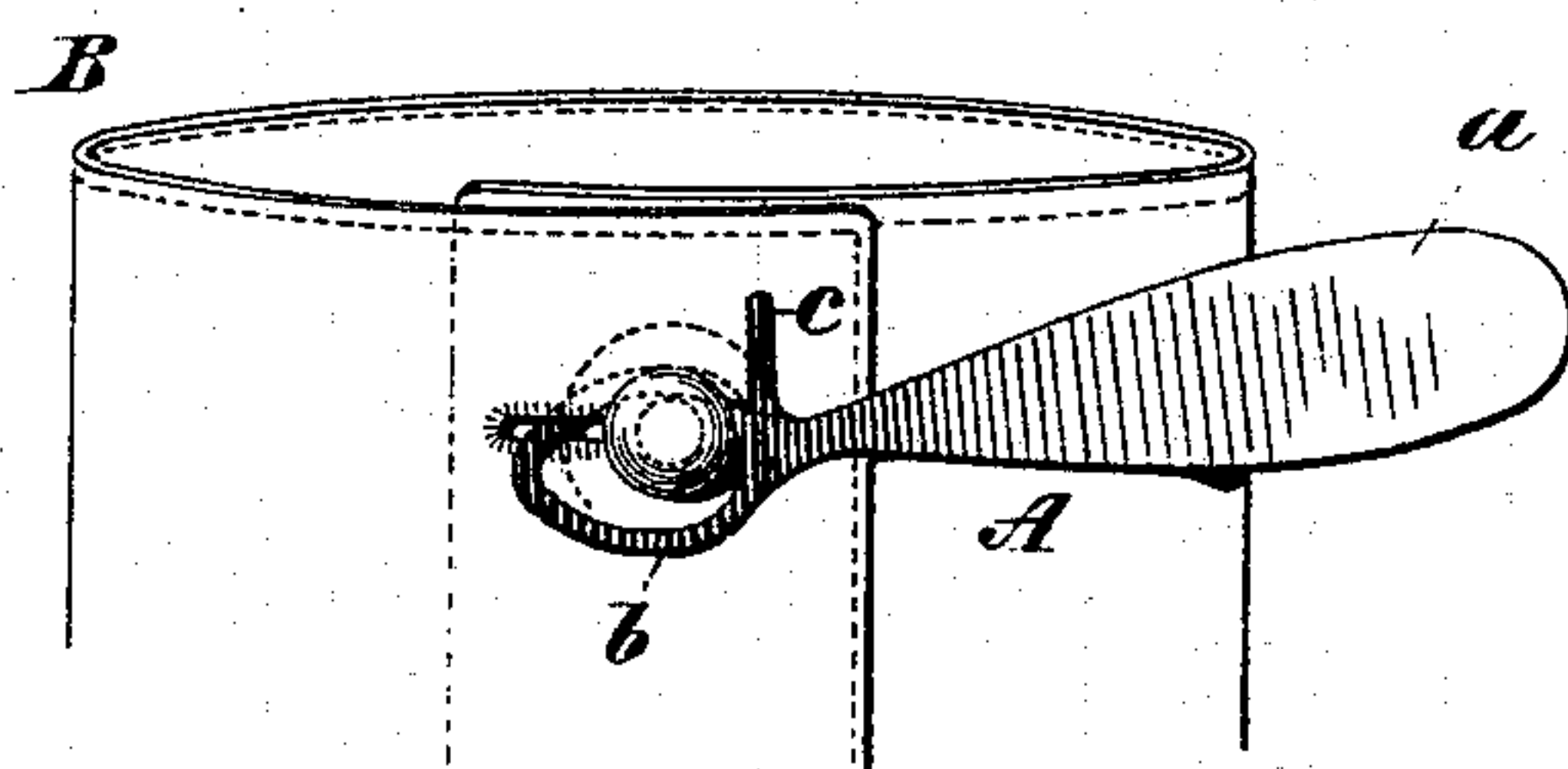


Fig. 3.



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BUTTONER.

SPECIFICATION forming part of Letters Patent No. 615,482, dated December 6, 1898.

Application filed March 11, 1898. Serial No. 673,438. (No model.)

To all whom it may concern:

Be it known that I, ROBERT GANS, a citizen of the United States, and a resident of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Buttoners, of which the following is a specification.

The invention relates to improvements in buttoners; and it consists in the novel devices hereinafter described and claimed.

The object of the invention is to produce a buttoner which, while answering all the purposes of the usual button-hook, may be conveniently used for buttoning collars and cuffs.

The buttoner embodying my invention comprises a handle, an eye on one end of said handle to engage the button, and an arm intermediate the said handle and eye to engage and operate as a stop and fulcrum at the end of the buttonhole nearer the button to be delivered within the buttonhole by the manipulation of the buttoner.

The invention will be more fully understood from the detailed description hereinafter presented, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of the buttoner and a cuff, the eye of the buttoner being shown as having been passed through the buttonhole and the arm as engaging the end of the buttonhole and acting as a stop for the buttoner. Fig. 2 is a like view of same and illustrates the further manipulation of the device in engaging the button, drawing the same toward the buttonhole; and Fig. 3 is a further like view of same and illustrates the final operation of the buttoner in drawing the button into and through the buttonhole.

In the drawings, A designates the buttoner, and B a cuff, with which, for purposes of explanation, the buttoner is shown in operation.

The buttoner A comprises the handle *a*, closed eye *b*, and arm *c*, the latter being intermediate the handle *a* and eye *b* and the whole being preferably stamped in one piece from sheet metal. The eye *b* is preferably somewhat elongated in form and is of proper size to pass directly over the head of the button.

The buttoner is preferably formed in one piece from sheet metal by reason of the small-

ness of cost and accuracy of construction due to the processes of stamping articles from sheet metal, and also by reason of the fact that thereby the buttoner may be made thin, so as to readily pass through the buttonholes of starched fabrics and beneath the head of the buttons, and also to take the strain when in use in line with the width of the metal, thus compelling the thin buttoner to afford all the strength necessary for the delivery of the button into its buttonhole. The fact that the eye *b* is entirely closed also aids in enabling me to secure sufficient strength in the eye with the minimum thickness and quantity of metal.

The method of employing the buttoner is illustrated in the drawings. The eye of the buttoner is first inserted through the buttonhole which is to receive the button, as indicated in Fig. 1, the arm *c* engaging the end of the buttonhole and forming a stop. The handle of the buttoner is thereafter turned to the left, as indicated in Fig. 2, and the eye of the buttoner is passed over the head of the button, and thereupon the handle of the buttoner will be turned downward and toward the right in order to draw the head of the button through the buttonhole, as illustrated in Fig. 3. During the turning of the handle of the buttoner from the position in which it is shown in Fig. 2 to that in which it is shown in Fig. 3 the arm *c* acts as a fulcrum and stop and the side of the eye *b* nearest to the arm *c* operates to pull the button-head toward and through the buttonhole, as indicated in Fig. 3. During the drawing of the button-head through the buttonhole the side of the eye *b* farther from the arm *c* first returns through and keeps the buttonhole open, and thus the button-head may be readily carried through the buttonhole by the pressure exerted on the shank of the button by that side of the eye *b* nearer to the arm *c*.

The buttoner made the subject of this application is admirably adapted for the buttoning of collars, wristbands, cuffs, and other articles made of starched fabrics.

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

1. The buttoner having the closed eye *b* of flat metal and adapted to pass over the head

of the button, the handle *a* in line with said eye, and the arm *c* intermediate said eye and handle and at right angles to the longitudinal center thereof; substantially as set forth.

- 5 2. The buttoner having the elongated and closed eye *b* adapted to pass over the head of the button, the handle *a* in line with said eye, and the arm *c* intermediate said eye and handle and at right angles to the longitudinal
10 center thereof, the said eye, handle and arm

being in one integral piece of sheet metal and of the form and construction substantially as shown and set forth.

Signed at New York, in the county of New York and State of New York, this 10th day of 15 March, A. D. 1898.

ROBERT GANS.

Witnesses:

CHAS. C. GILL,
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