

No. 631,094.

Patented Aug. 15, 1899.

R. M. SHARAF.
TIE FORMER AND FASTENER.

(Application filed Apr. 8, 1899.)

(No Model.)

2 Sheets—Sheet 1.

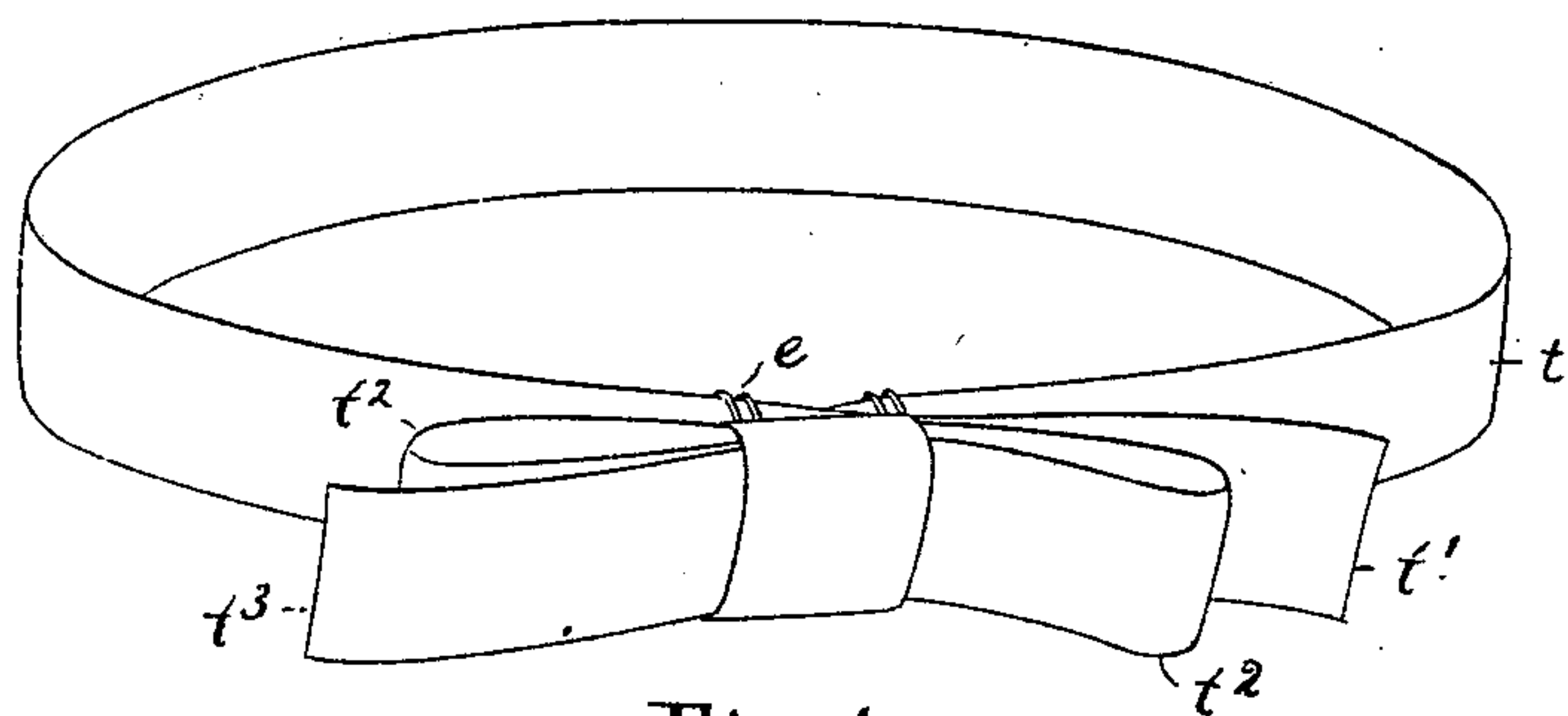


Fig. 1

Fig. 2

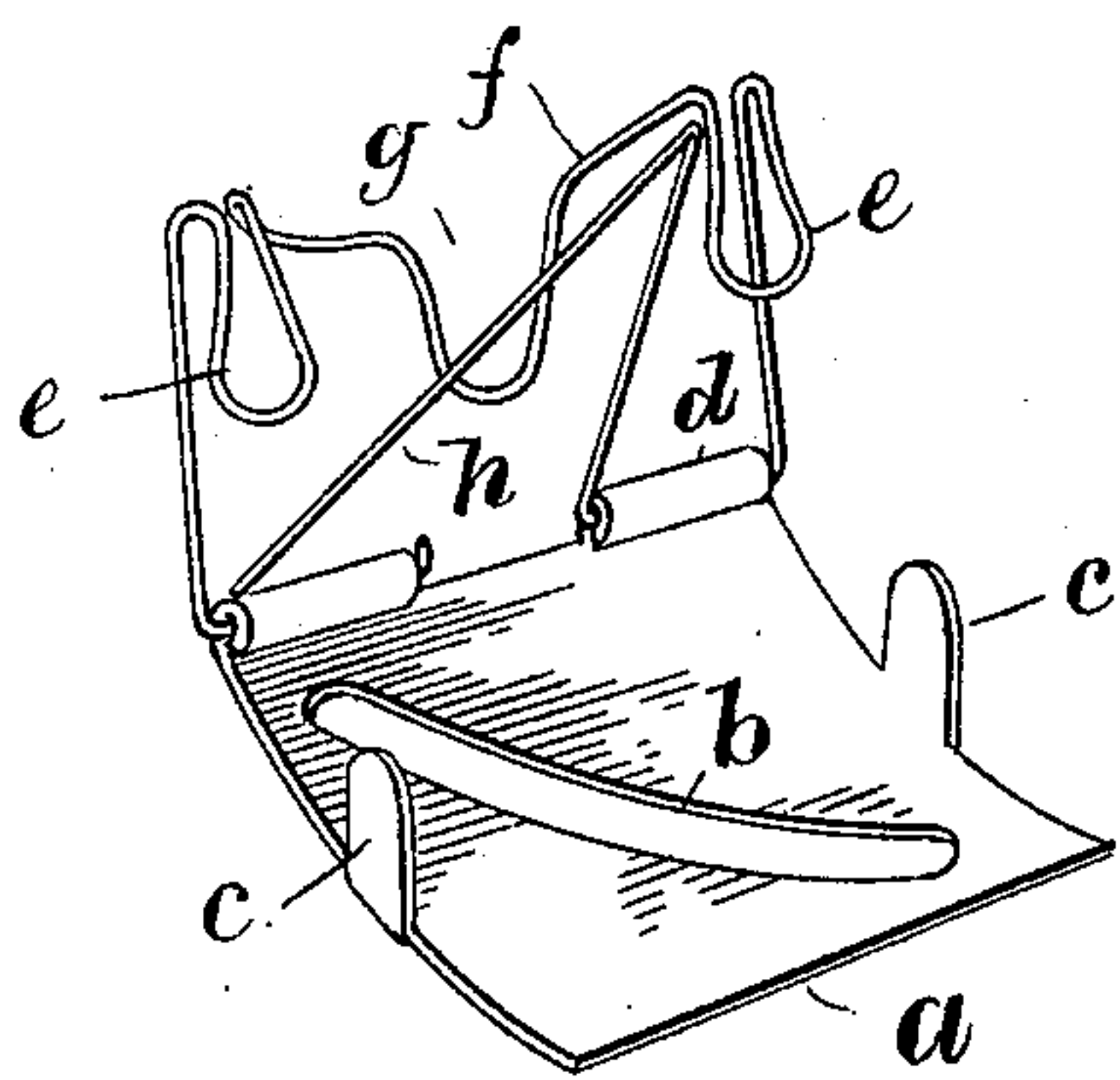
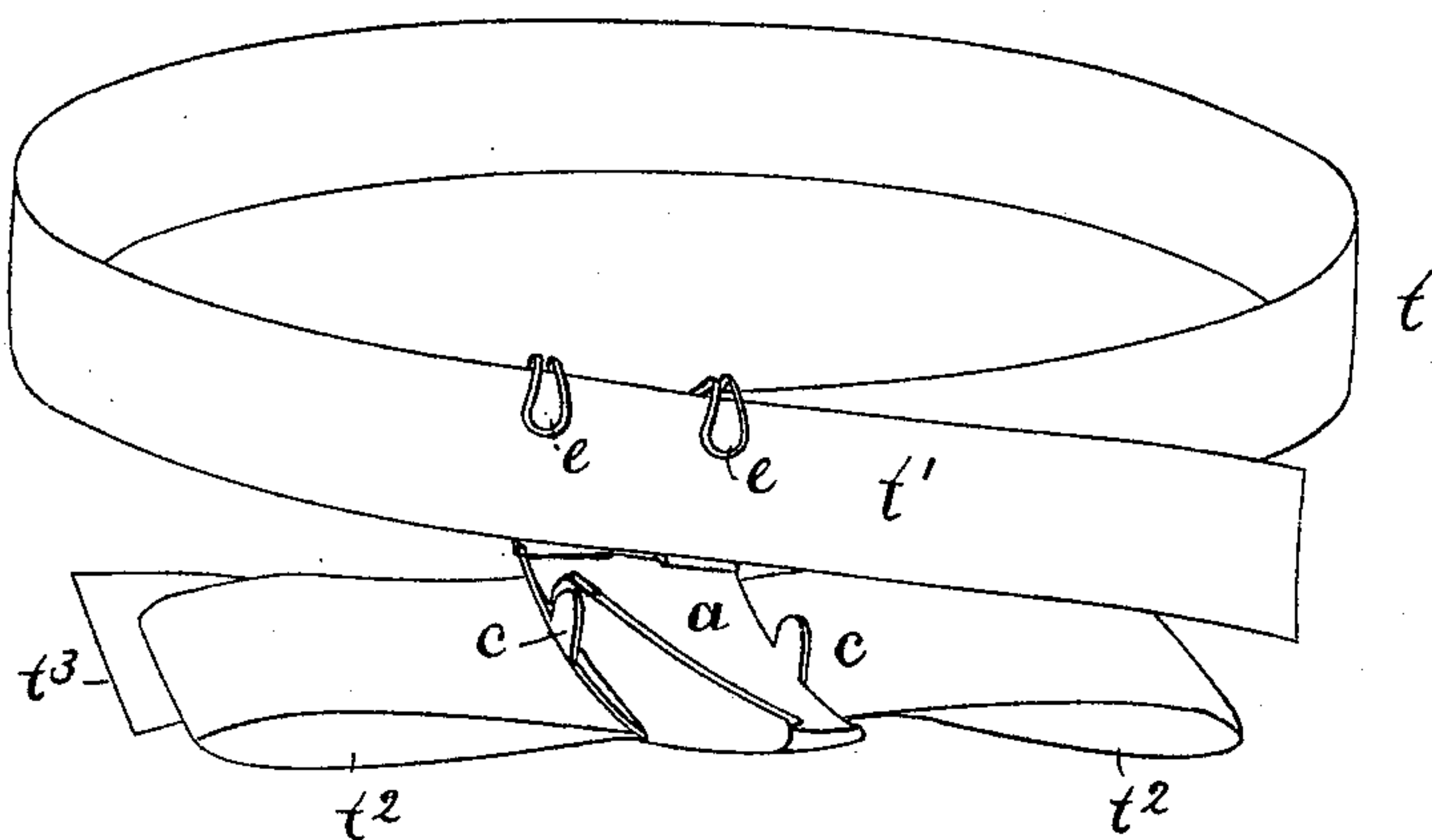


Fig. 3

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Fig. 7

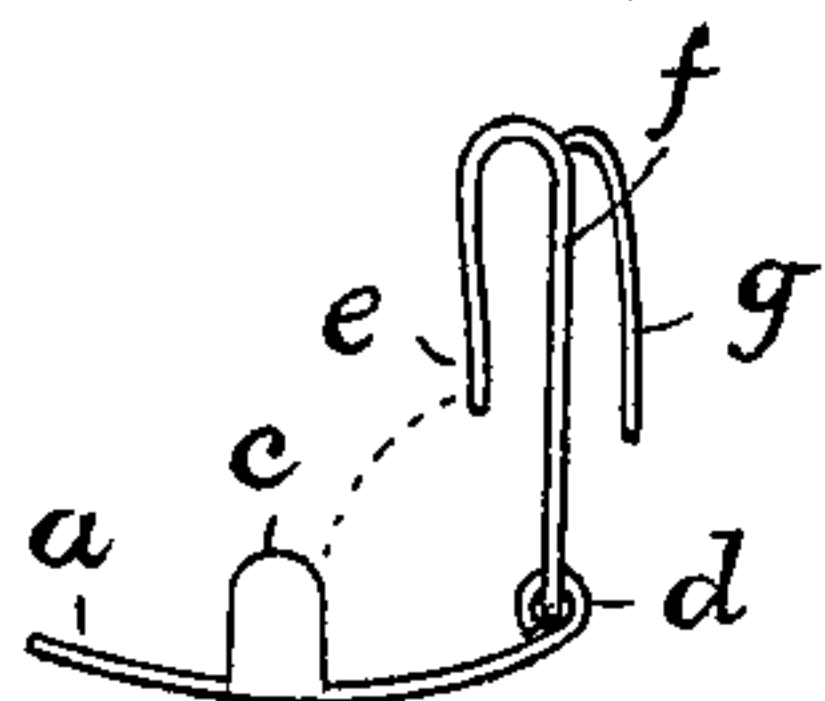
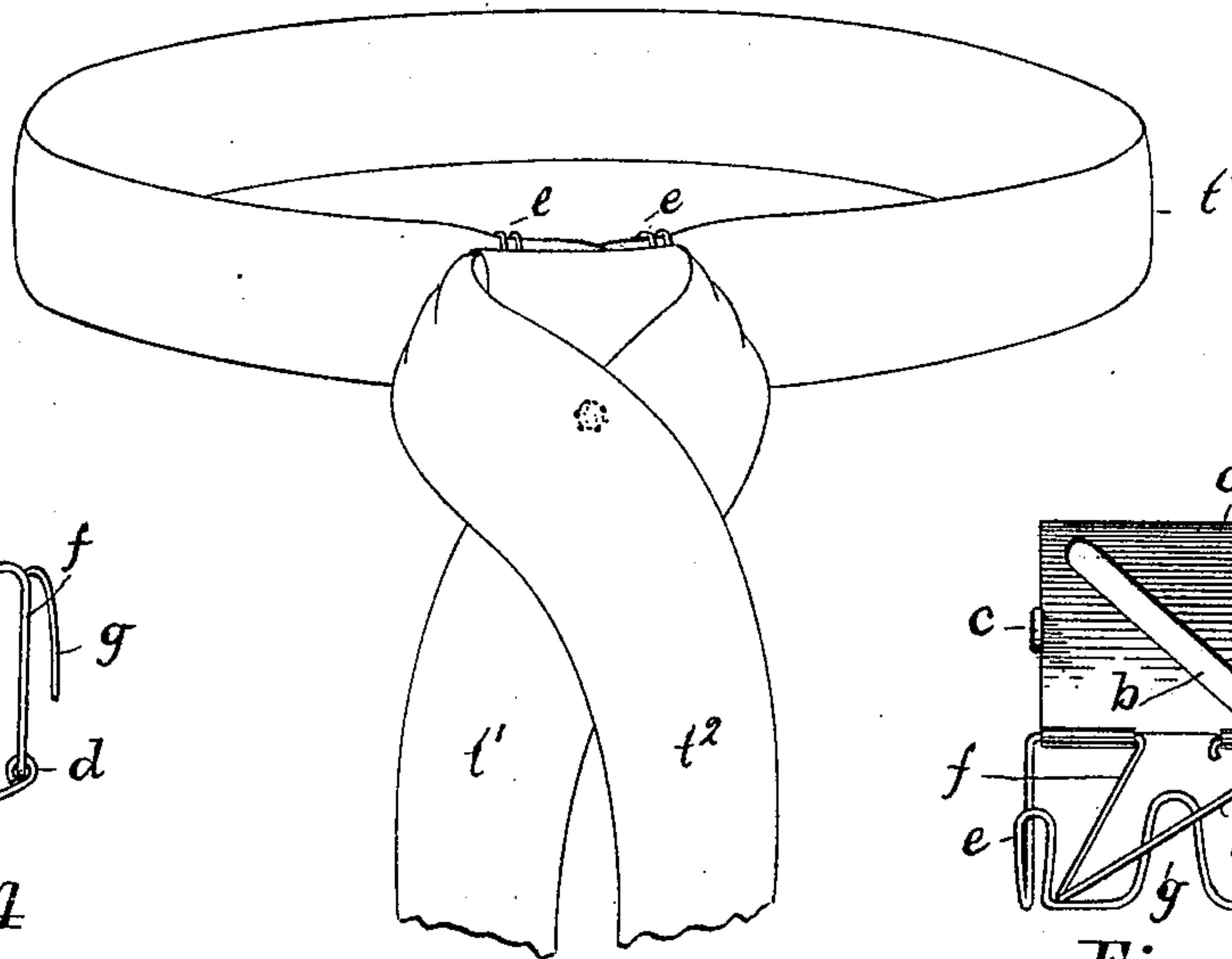


Fig. 4

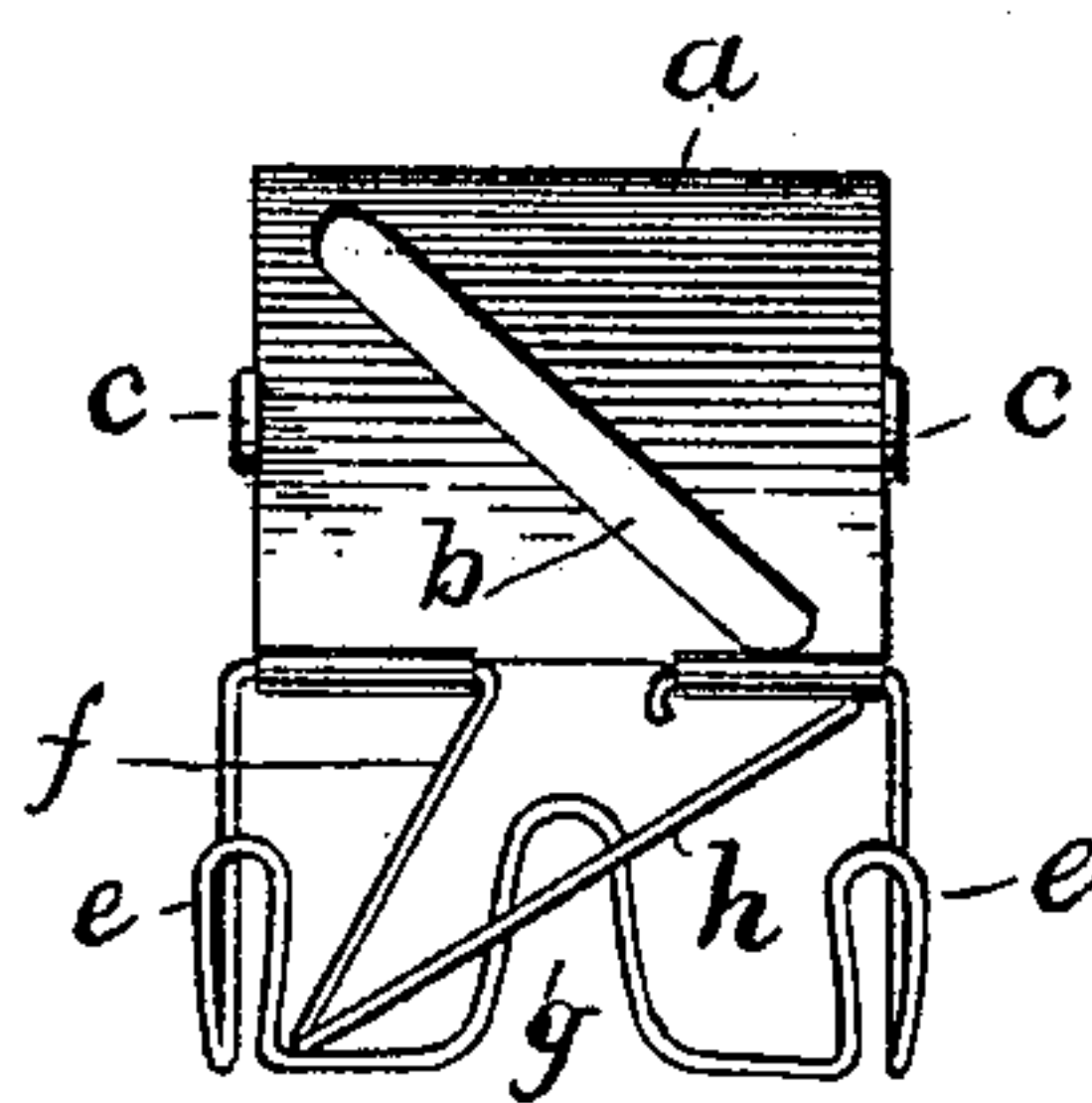


Fig. 5

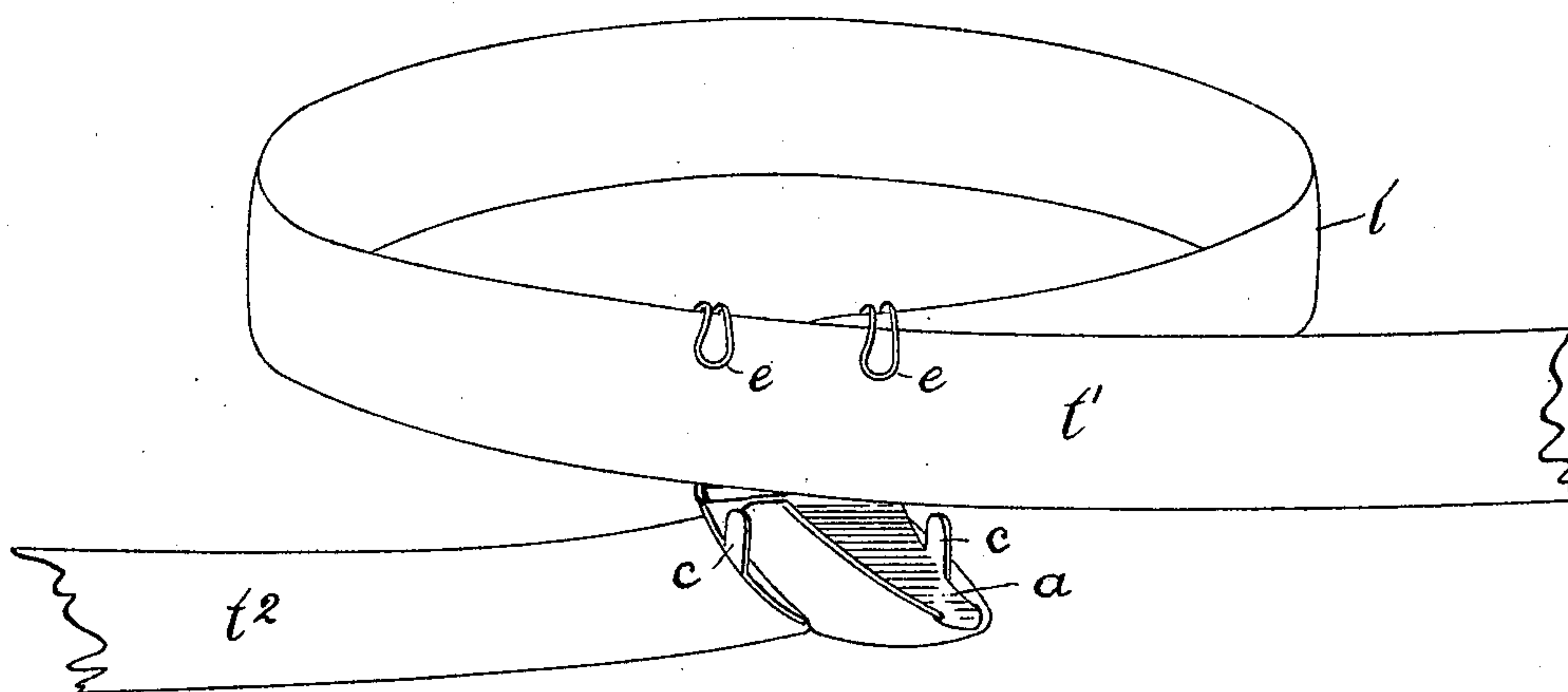


Fig. 6

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UNITED STATES PATENT OFFICE.

RALPH M. SHARAF, OF BOSTON, MASSACHUSETTS.

TIE FORMER AND FASTENER.

SPECIFICATION forming part of Letters Patent No. 631,094, dated August 15, 1899.

Application filed April 8, 1899. Serial No. 712,232. (No model.)

To all whom it may concern:

Be it known that I, RALPH M. SHARAF, a citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Tie Former and Fastener, of which the following is a full, clear, and exact description.

The object of this invention is the construction of an improved device by means of which to form or shape neckties and to secure them in place to the collar-button of the wearer.

The particular classes of neckties to which my invention is adapted are those made in the form of bow-ties and puffs.

In the drawings forming part of this specification, Figure 1 is a perspective view of a bow-tie made by means of my invention. Fig. 2 is a perspective view of the same in the process of being formed. Fig. 3 is a perspective view of my invention alone and unfolded. Fig. 4 is a side view of the same upon a reduced scale. Fig. 5 is a plan view of the invention with the two wings or sections thereof unfolded into the same plane. Fig. 6 is a perspective view of the device being used for the formation of a puff-tie, and Fig. 7 is a perspective view of the puff-tie completed.

Referring to Fig. 3, the device will be seen to comprise the plate *a*, having the wire frame *f* hinged thereto. Said plate is formed with the diagonal slot *b* and the ears *c* and is preferably curved somewhat, as shown more clearly in Fig. 4. Said frame comprises the main portion *f*, having portions thereof loosely held by the eyes *d* of the plate *a*, and thereby hinged thereto, the hooks or locking members *e*, the folding-rod *h*, and the loop *g* for engaging the collar-button of the wearer. The objects of the members *e* are twofold—first, to retain and confine the portion *t'* of the tie *t*, as shown in Figs. 2 and 6, and, second, to engage the ears *c* and lock the frame and plate together when the tie is completely formed and applied about the neck of the wearer, as shown in Figs. 1 and 7. The purpose of the folding-bar *h* is, as its name implies, to enable the tie-forming ribbon to be folded thereabout, as will be hereinafter set forth.

To illustrate the method of using this tie-

former, I will describe the manner in which it is used in making a bow-tie. Having drawn one end of the ribbon *t* about one-third through the slot *b*, with the shorter portion below the device, the latter being in the position shown in Fig. 3, said shorter portion is then folded back and forth beneath the plate *a* until it has taken the form of the two bows *t²* and the tie end *t³*, as in Fig. 2. Holding said tie-sections firmly with the thumb and fingers of one hand, the longer portion of the tie, which it will be remembered had been passed up vertically through the slot *b*, is brought over forward, downward, and thence backward and up tightly against the under side of the bow-sections *t²* and end section *t³*. It then is passed about the folding-rod *h* and goes from thence about the neck of the wearer. When said end *t'* has been thus passed about the wearer's neck, it is brought beneath the locking members *e*, and thereby held in place, as shown in Fig. 2, while the loop *g* is being engaged with his collar-button. When this is done, the plate *a* and the completed tie are pressed up and backward until the locking members *e* have received the ears *r*, and thereby locked the plate and tie in place. The bow-tie now looks as is illustrated in Fig. 1.

The puff-tie shown in Figs. 6 and 7 is even easier in formation, the portion *t²* not being folded into bows, but the remainder of the steps being the same as those above described, except after the tie has been passed about the wearer's neck and the plate *a* locked against the frame *f*. At this point the tie ends are brought one over the other and pinned, as shown in Fig. 7.

In removing the tie from the neck all that is necessary to be done is simply pull the plate *a* out of engagement with the locking members *e* and take the tie-section *t'* out from behind the said members.

The beauty of my arrangement is that by means of it any of the usual ties can be applied thereto and made into a permanent bow or puff capable of instant application or removal, thereby providing a perfectly-formed tie without the delay incident to the painstaking work required for the usual tie. It further has the capability of allowing the

parts thereof to be shifted frequently in order to present to view fresh unworn and unsoiled portions of the tie.

What I claim as my invention, and for which I desire Letters Patent, is as follows, to wit:

1. The combination in a tie former and fastener, of the plate having the diagonal slot, the wire frame hinged thereto and formed with the diagonal folding-rod and the button-engaging loop, and means for locking said plate and frame together, substantially as and for the purpose set forth.

2. The combination in a tie former and fastener, of the diagonally-slotted plate having the ears, the wire frame hinged to said plate and having the diagonal folding-rod, the button-engaging loop and the hooks or locking members adapted to engage said ears and to lock the frame and plate together, substantially as and for the purpose set forth.

3. The combination in a tie-former, of the

diagonally-slotted plate, the frame hinged thereto and formed with the hooks or fingers at its edge opposite to said hinge and on the side thereof toward said plate, and means for locking said frame and plate together, substantially as and for the purpose set forth.

4. In a tie former and fastener, the combination of the curved plate, *a*, having the slot, *b*, ears, *c*, and hinge-eyes, *d*; and the wire frame, *f*, pivotally held by said hinge-eyes and formed with the diagonal folding-rod, *h*, loop, *g*, and loop-hooks, *e*, substantially as and for the purpose set forth.

In testimony that I claim the foregoing invention I have hereunto set my hand this 27th day of March, 1899.

RALPH M. SHARAF.

Witnesses:

A. B. UPHAM,

GUY H. HOLLIDAY.