

(No Model.)

H. W. ATWATER.
NECKTIE FASTENER.

No. 411,001.

Patented Sept. 17, 1889.

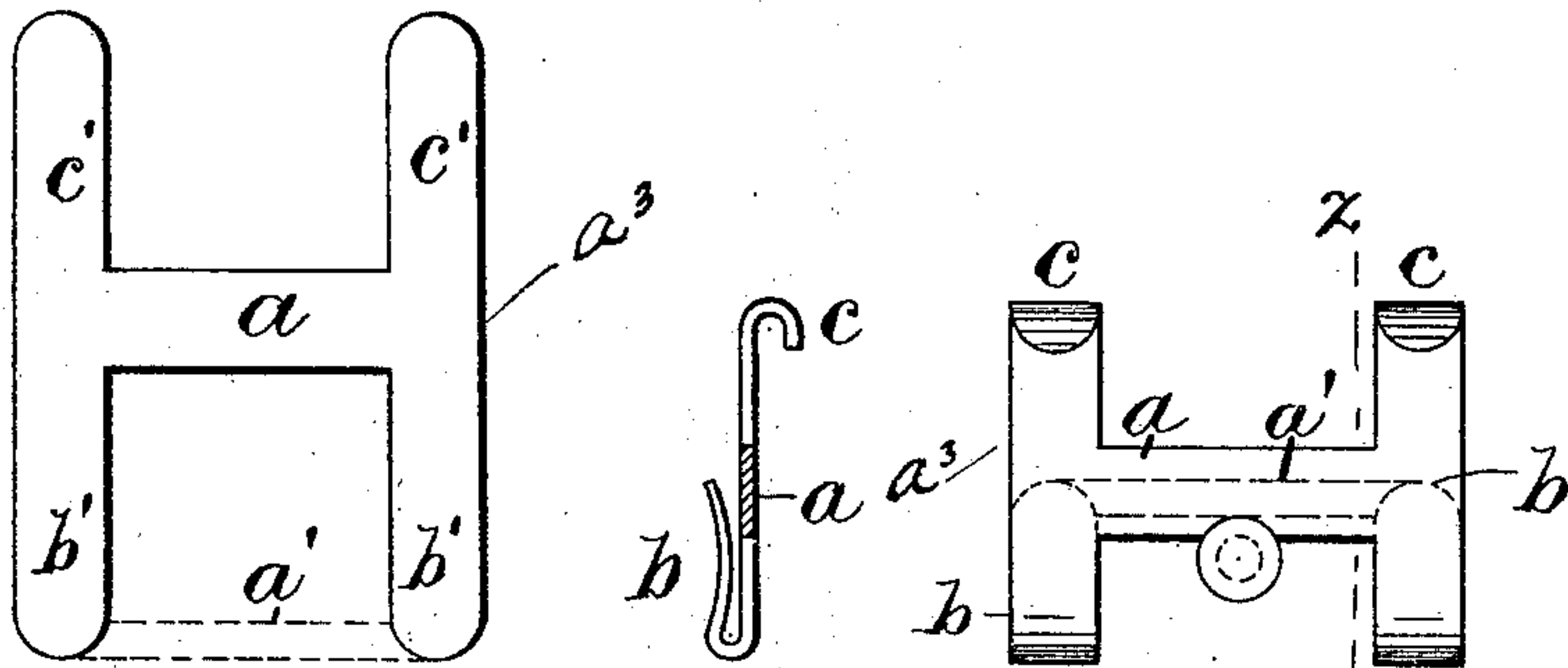


Fig. 5.

Fig. 4.

Fig. 3.

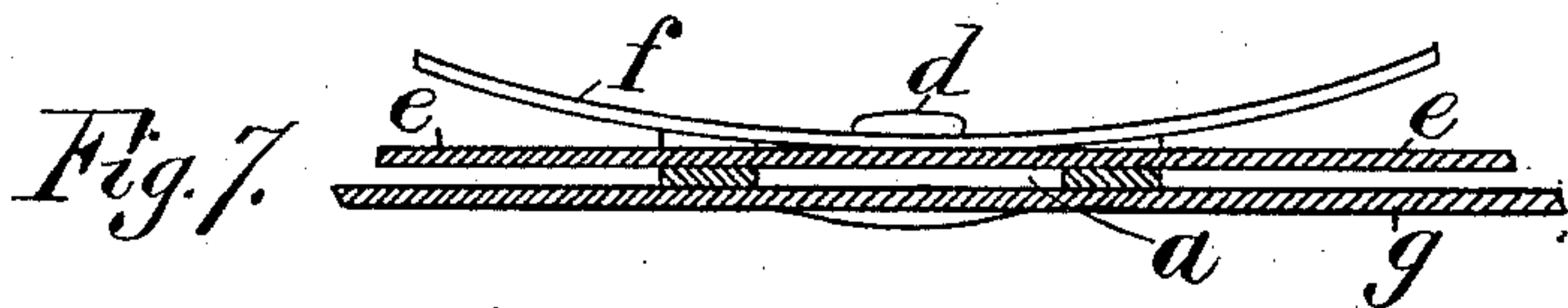


Fig. 7.

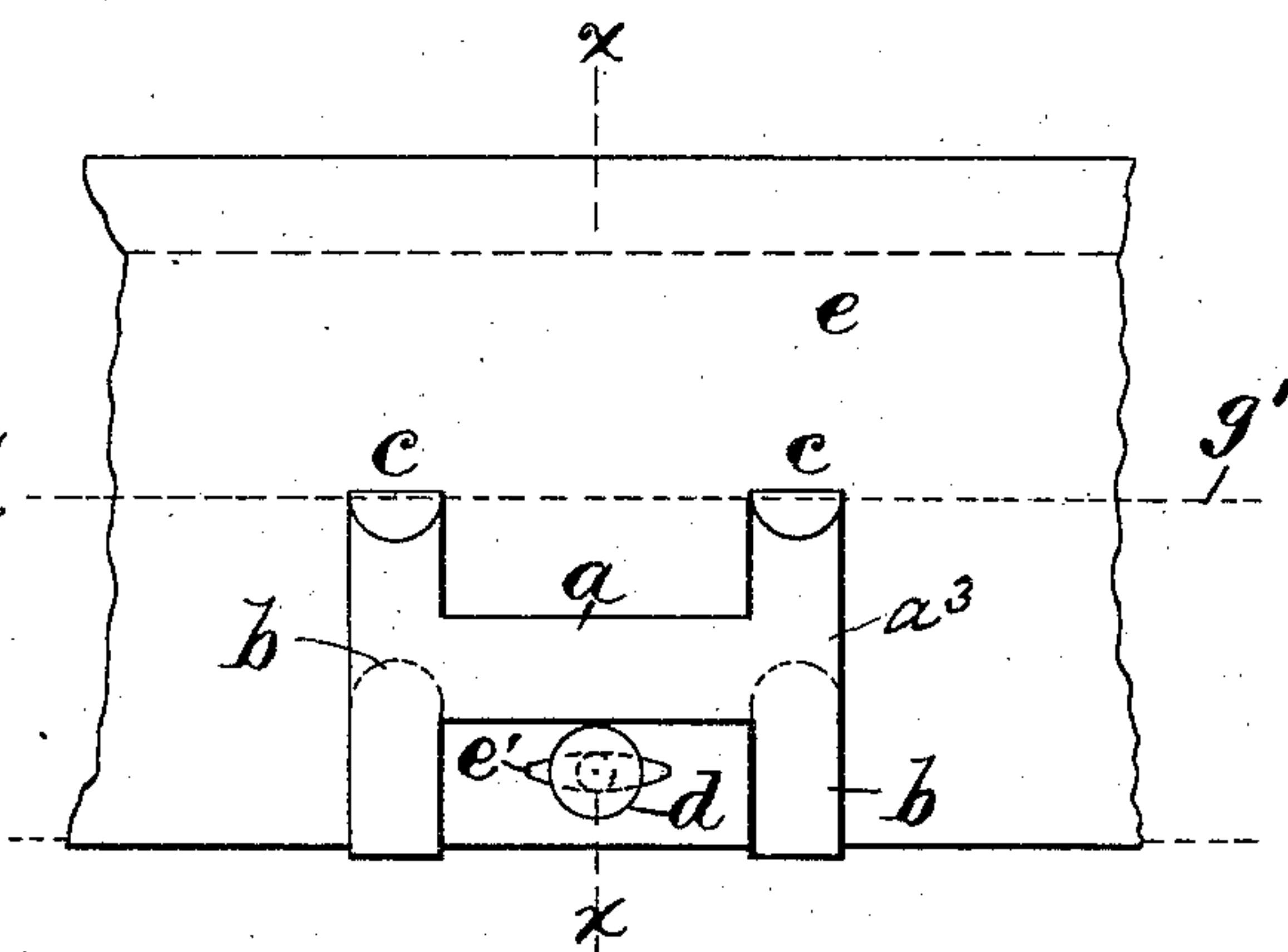


Fig. 1.

Fig. 2.

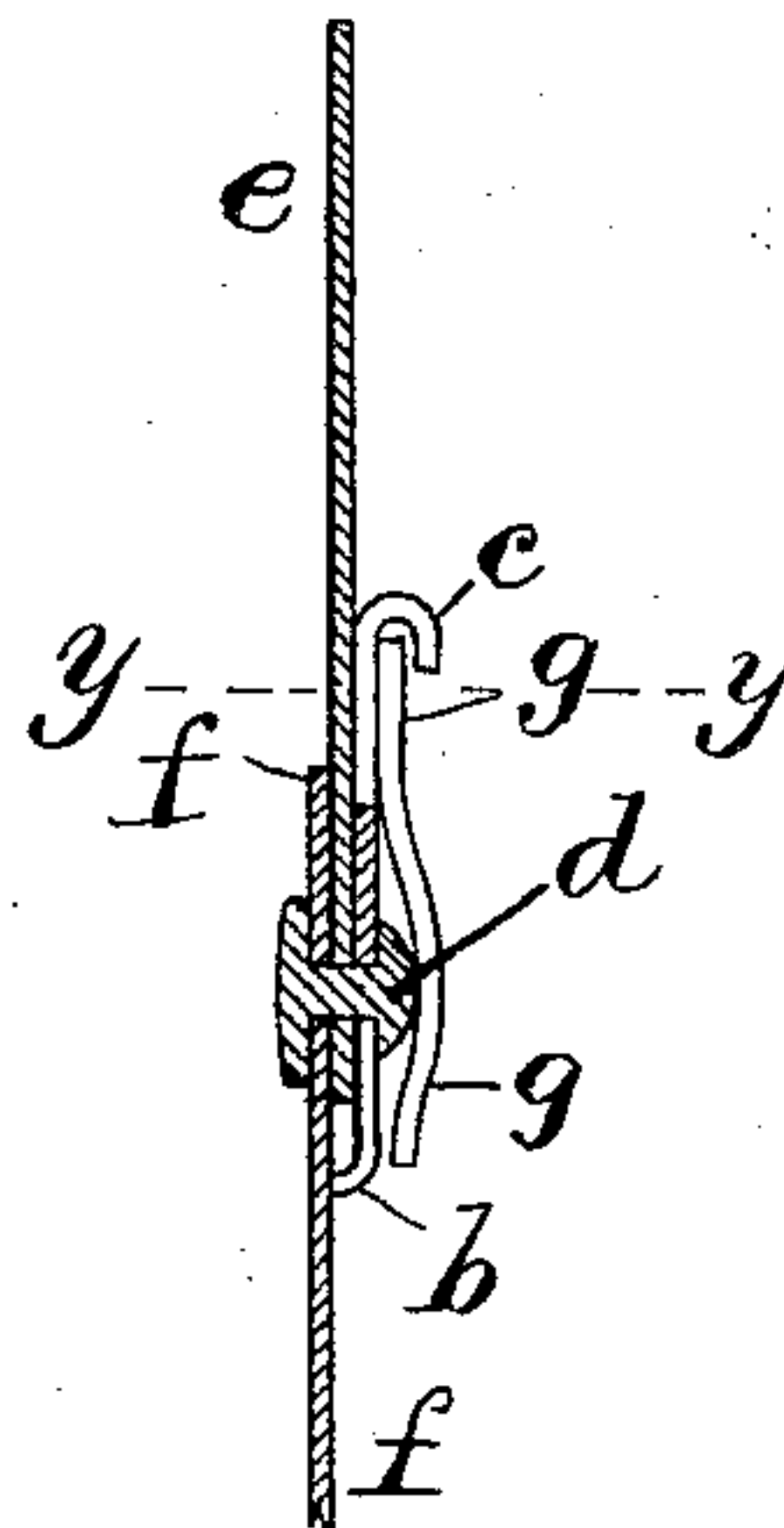
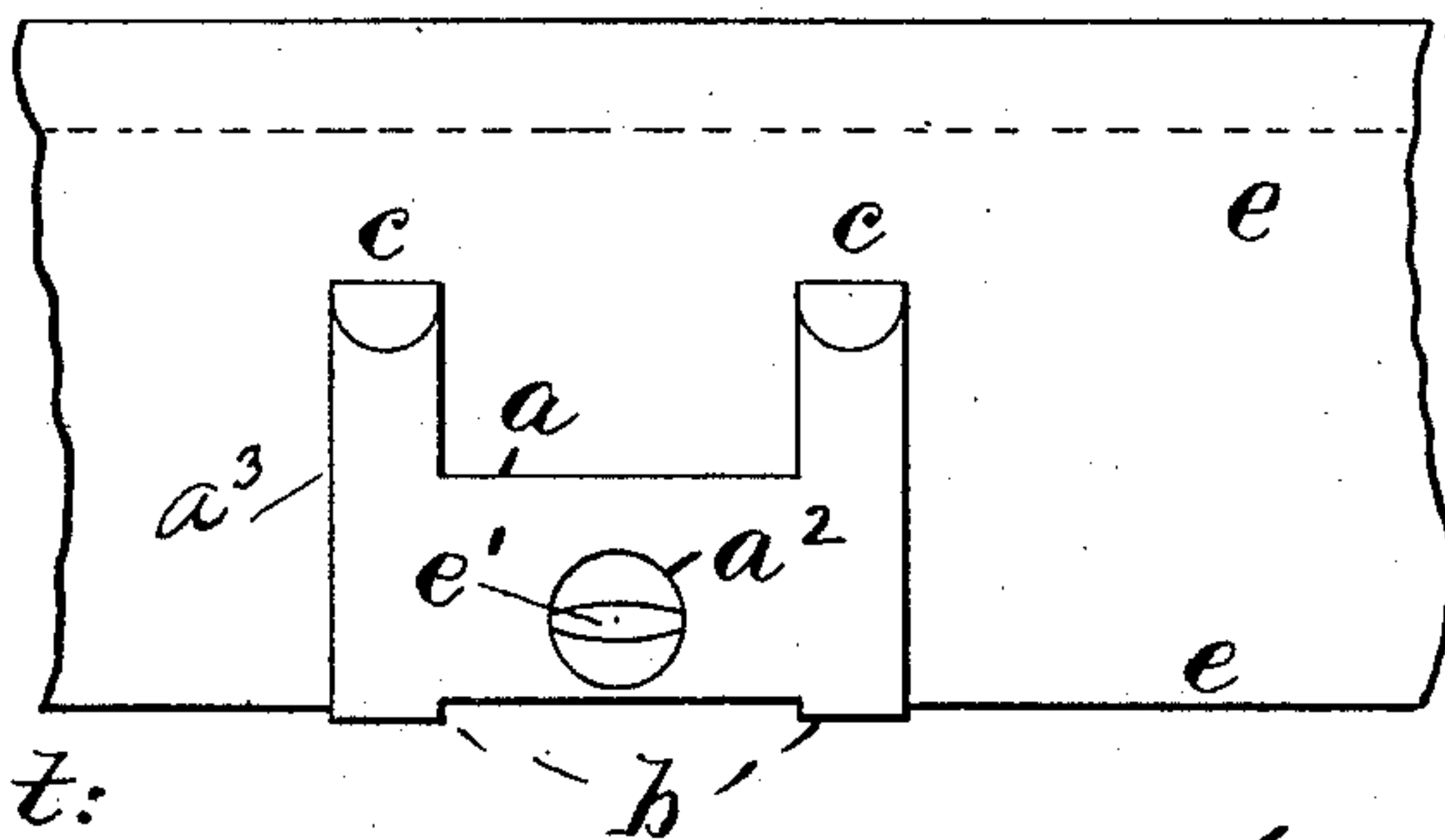


Fig. 6.



Attest:
H. W. Miller
F. C. Fischer.

Inventor.
H. W. Atwater, per
Crane & Miller, attys.

UNITED STATES PATENT OFFICE.

HENRY W. ATWATER, OF EAST ORANGE, NEW JERSEY.

NECKTIE-FASTENER.

SPECIFICATION forming part of Letters Patent No. 411,001, dated September 17, 1889.

Application filed December 5, 1888. Serial No. 292,693. (No model.)

To all whom it may concern:

Be it known that I, HENRY W. ATWATER, a citizen of the United States, residing at East Orange, Essex county, New Jersey, have
5 invented certain new and useful Improvements in Holders for Neckties, fully described and represented in the following specification and the accompanying drawings, forming a part of the same.

10 This invention is intended for holding down a scarf or necktie at the back of a collar, and is so constructed that it may be applied to the under edge of the collar before its application to the shirt-stud, the device being provided
15 with two hooks and a cross-bar, having a space beneath the same to admit the head of the stud, and adapted, when the collar is secured upon the stud, to engage with the head of the stud between the same and the collar.
20 The construction is shown in the annexed drawings, in which—

Figure 1 represents a portion of the collar and the rear stud with the holder as first applied thereto. Fig. 2 is a section of the same
25 parts on line *x x* in Fig. 1, with the holder dropped between the head of the stud and the collar. Fig. 3 shows the holder detached from the collar, with the stud in the relation shown in Fig. 2. Fig. 4 is a section on line *z z* in Fig. 3. Fig. 5 represents the blank from which the holder may be formed from one
30 piece of sheet metal, and Fig. 6 represents a holder with perforated cross-bar applied to the button-hole of the collar in readiness to insert the stud. Fig. 7 is a transverse section
35 on line *y y* in Fig. 2.

The holder, as shown in Fig. 5, consists in a bar *a*, with cross-pieces *a*³ at each end of the same, having their ends bent in opposite
40 directions to form spring-clips *b* and hooks *c*. The spring-clips are inserted between the collar and the shirt-band and embrace the lower edge of the collar, while the cross-bar *a* lies upon the outside of the collar to fit over the
45 exterior end of the stud *d*, to prevent the holder and necktie from slipping downward. In Fig. 2 the collar *e* is shown applied outside of the shirt-band *f*, with the cross-bar *a* slipped downward between the head of the stud *d* and
50 the collar, with the necktie *g* applied over the head of the stud, and its upper edge fitted

within the hooks *c* to hold it in place. The necktie is shown only by dotted lines in Fig. 1.

Heretofore necktie-supporters have been 55 made with a cross-bar fitted inside the collar and notched to engage the neck of the stud, and having hooks at the opposite ends of the cross-bar to fit over the top edge of the necktie. With such construction it was necessary 60 to apply the necktie-supporter to the stud upon the shirt-band and to hold it in place while the front ends of the collar were applied in succession to the same stud and buttoned thereon. With my construction the 65 necktie-holder does not require supporting by the operator while the collar is secured upon the shirt-band, as the only portions of the holder which pass behind the collar are spring hooks or clips, which are applied to the collar 70 instead of to the shirt-band, and hold the fixture or device securely upon the collar during the entire operation of applying the collar to the shirt and the necktie to the collar. I am enabled to use such construction by applying 75 the holder to the back of the collar and forming the cross-bar *a*, which connects the spring-clips *b*, at a suitable distance from the lower edge of the clips to clear the button-hole *e'* and the head of the stud *d* when the collar 80 and the attached holder are applied to the stud together.

The button-hole is shown in Fig. 1 beneath the cross-bar at such distance from the cross-bar that the stud *d* may be inserted, and in 85 Fig. 2 the lower ends of the clips *b* are shown dropped slightly away from the bottom edge of the collar *e*, which results from the engagement of the cross-bar with the head of the stud, as shown in Figs. 2 and 3. 90

The essential part of the invention is the formation of the cross-bar between the two clips which carry the hooks *c* in such relation to the lower ends of the clips that the whole device may be applied to the collar without 95 covering the button-hole *e'* in the latter, and in such relation to the stud, when inserted in such button-hole, that the cross-bar may rest upon the stud to keep the holder in place.

If it were desired, a cross-bar *a'* could be 100 extended between the ends of the spring-clips, as indicated by the dotted lines in Figs. 3 and

5, and such cross-bar would then lie between the collar and the shirt-band above the stud when the holder was in use; but I prefer the construction shown in Figs. 1, 2, and 7, where the spring-clips are disconnected at their upper ends.

Fig. 6 shows the cross-bar formed with an aperture a^2 , to coincide with the button-hole in the collar and adapted to perform the same function as the solid cross-bar, for the reason that the entire function of such cross-bar would be performed by the portion above the aperture a^2 .

The construction illustrated by the blank shown in full lines in Fig. 5 is the simplest and cheapest, and operates as effectively as the modifications shown.

I am aware that it is not new to form a necktie-holder consisting in an elastic bar provided with end arms terminating in a projecting point for insertion into the substance of the necktie, as shown in United States Patent No.

292,837. My invention differs from such construction in having a clip and a hook at each end of an elastic cross-bar. I hereby disclaim the said United States patent.

What I claim herein is—

The holder for neckties, constructed from sheet metal, substantially as herein described, with the bar a , having cross-pieces a^3 at its extremities, each cross-piece being provided at opposite sides of the bar with spring-clip b and hook c , respectively, and the bar being adapted to bear upon the upper side of the collar-button shank to support the holder, as and for the purpose set forth.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

H. W. ATWATER.

Witnesses:

THOS. S. CRANE,
L. LEE.