

(No Model.)

E. K. HAYNES.
SPRING CUFF BUTTON.

No. 373,401.

Patented Nov. 15, 1887.

FIG. 1.

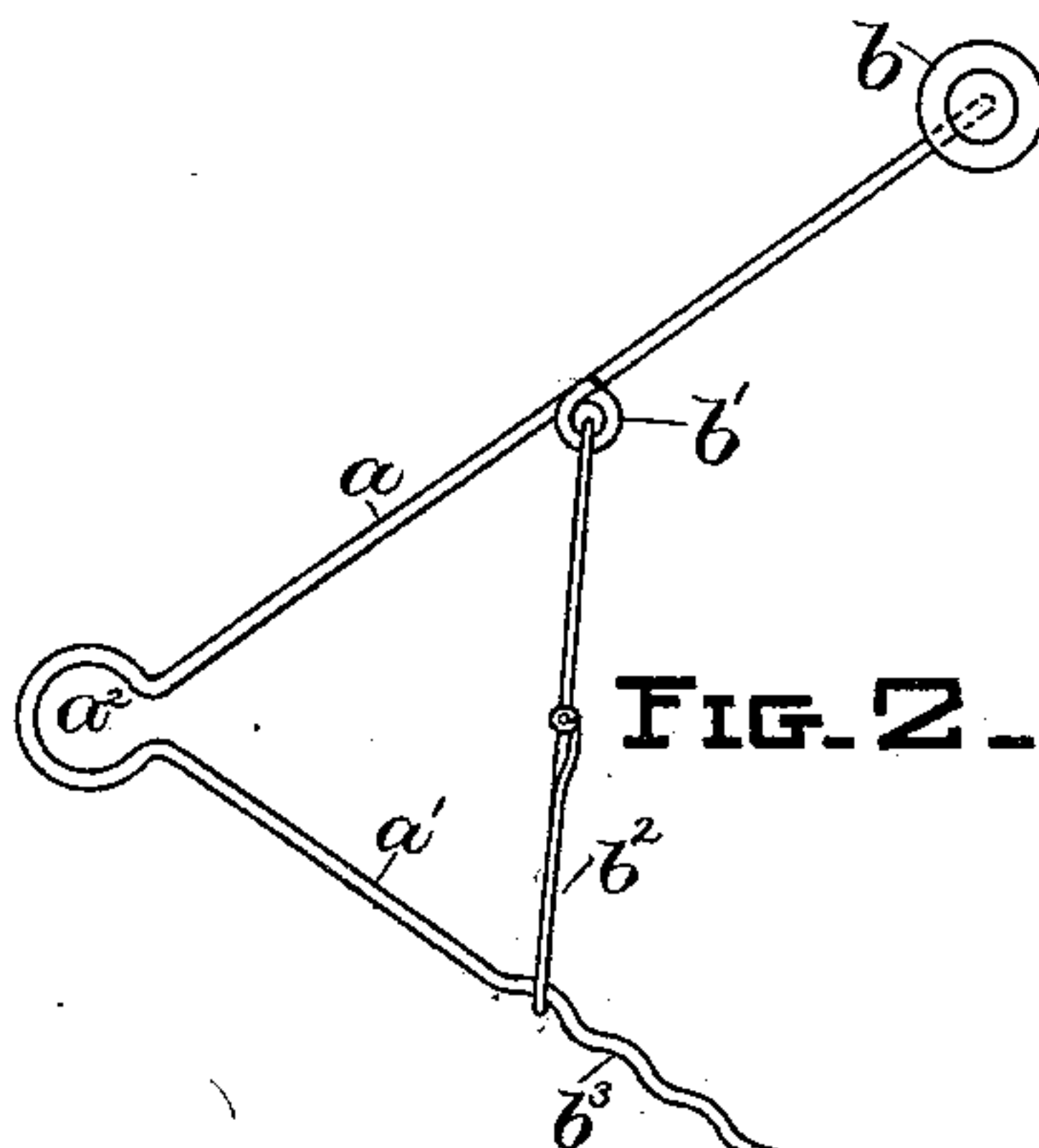
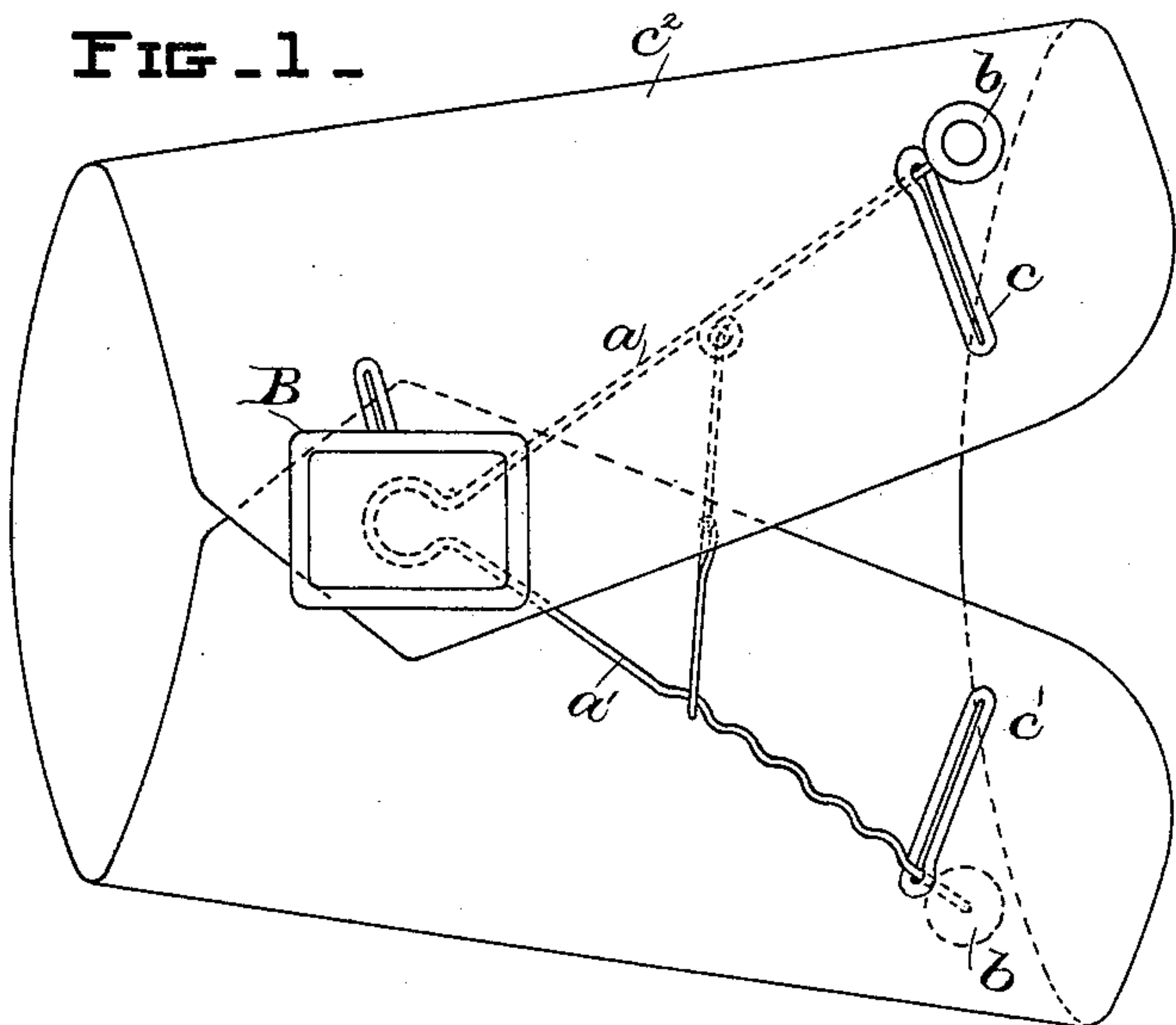


FIG. 2.

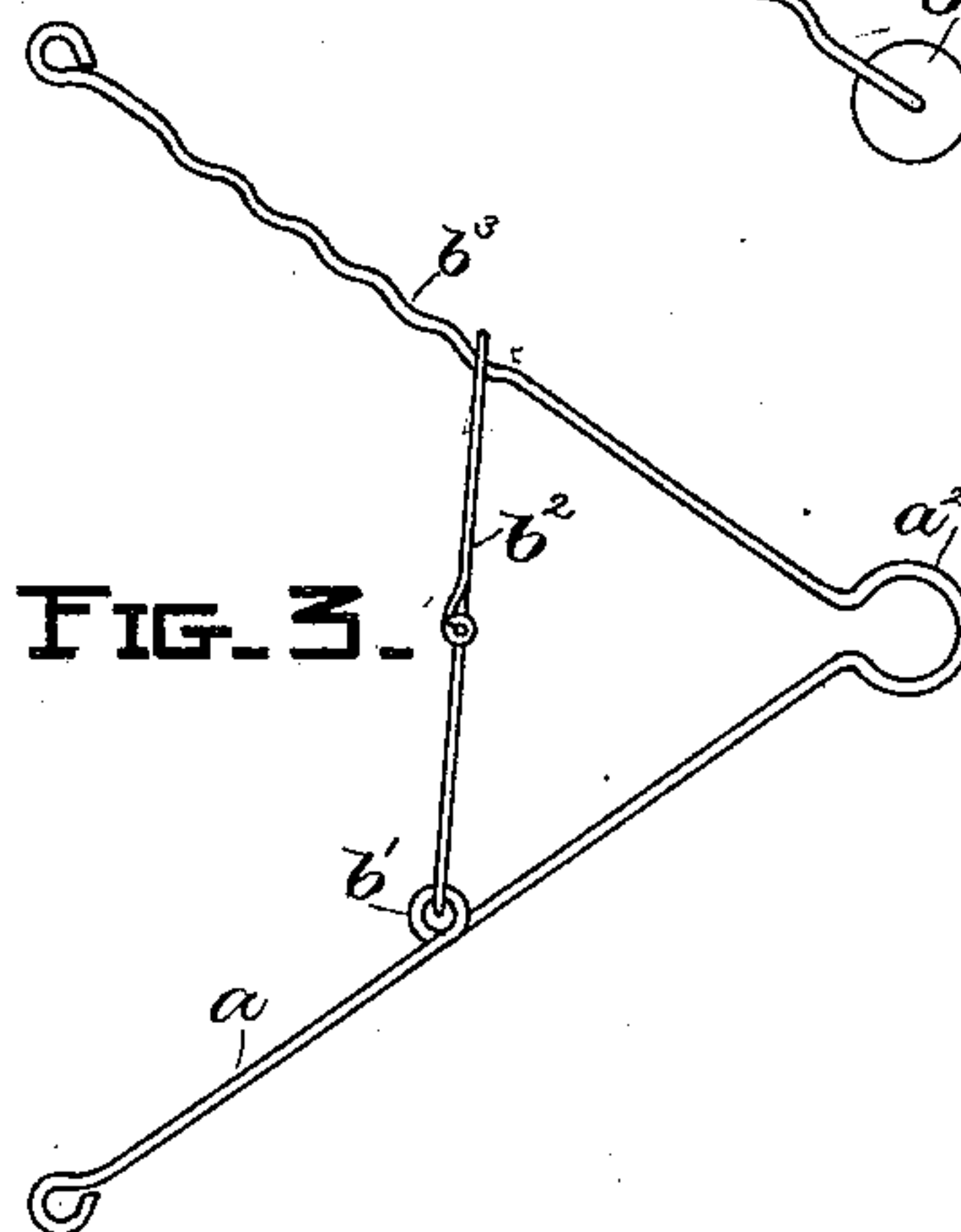


FIG. 3.

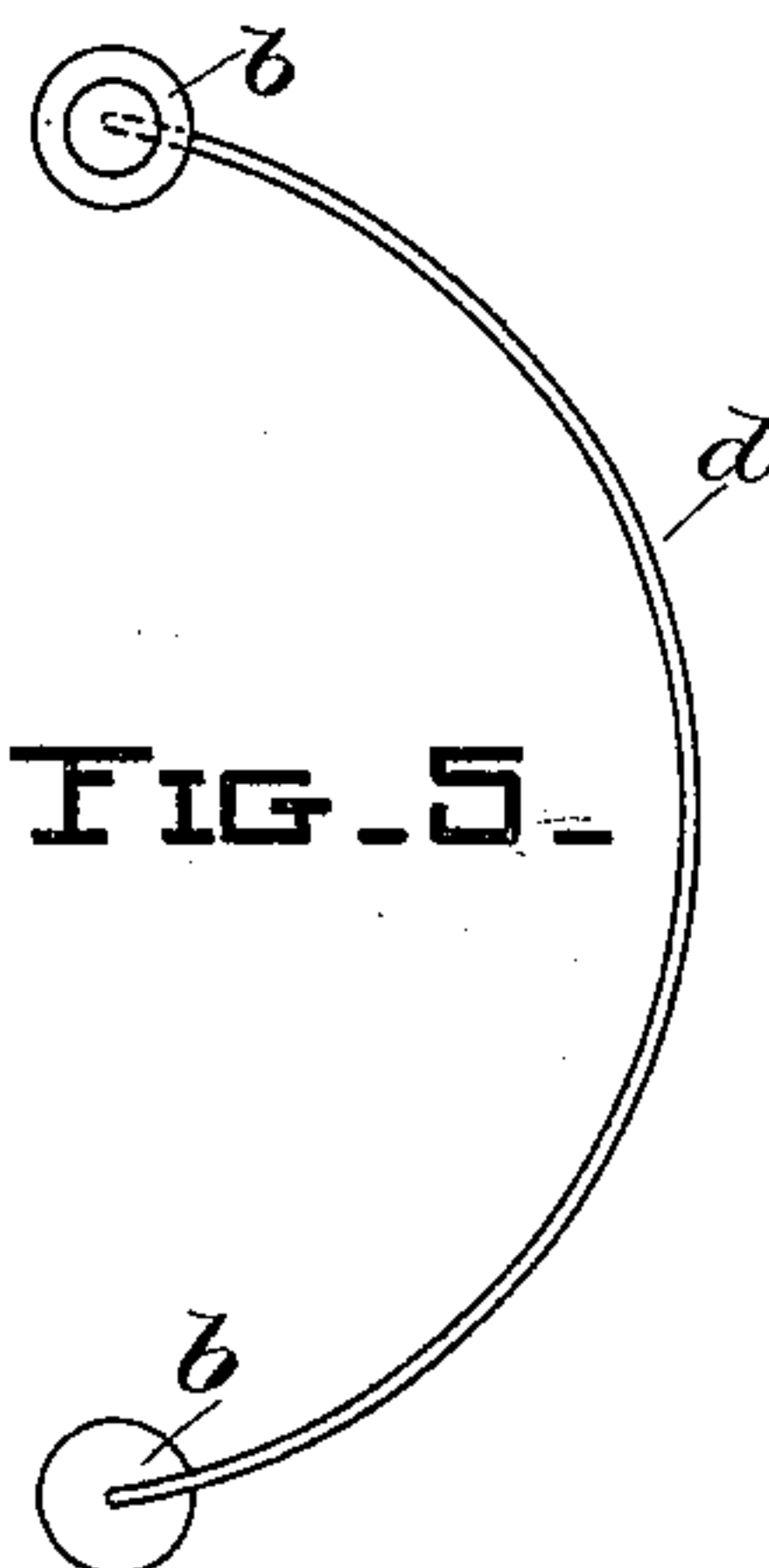
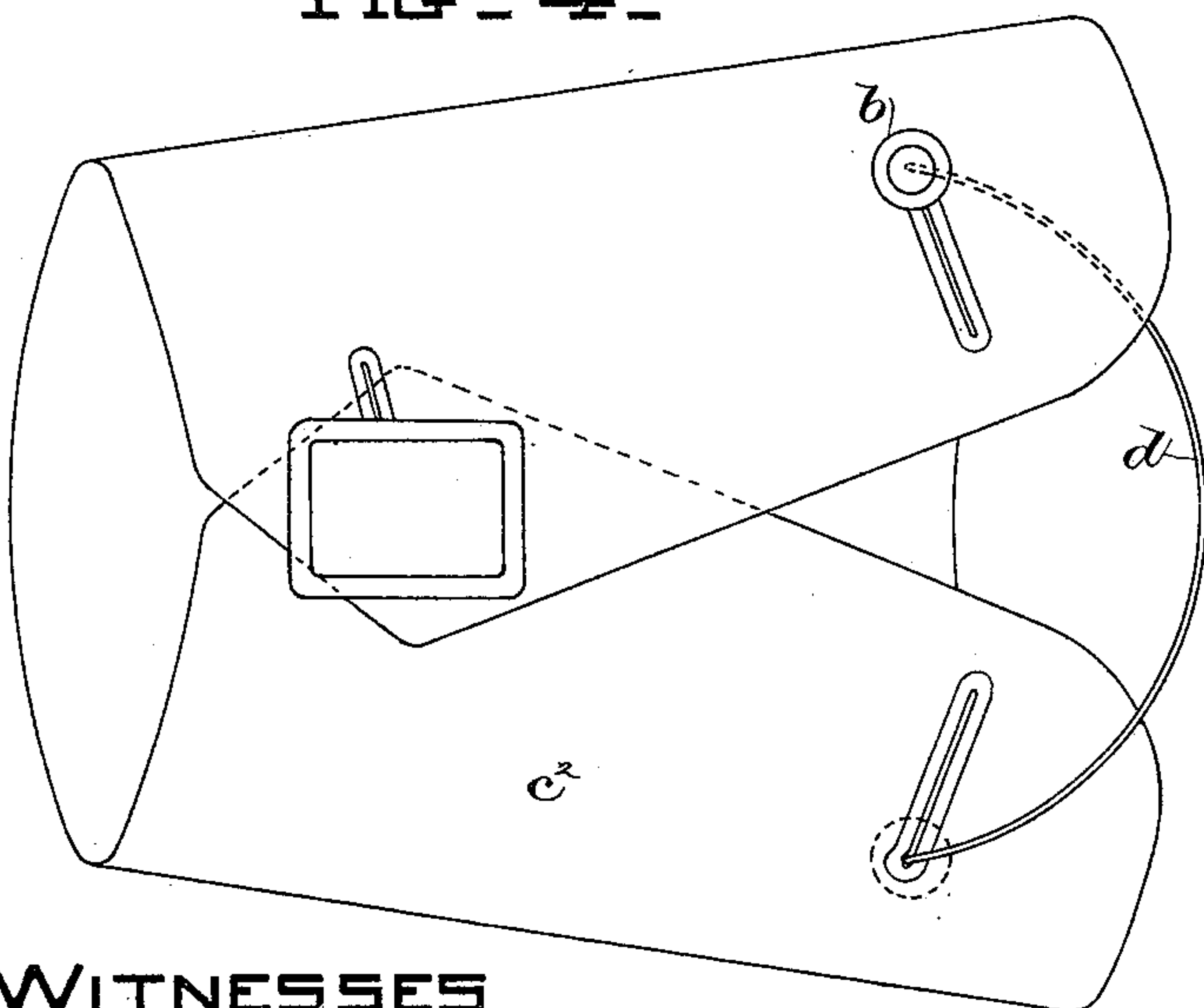


FIG. 5.

FIG. 4.



WITNESSES

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EDGAR K. HAYNES, OF BOSTON, ASSIGNOR OF ONE-HALF TO GEORGE FROST, GEORGE H. PHELPS, AND GEORGE A. FROST, ALL OF NEWTON, MASSACHUSETTS.

SPRING CUFF-BUTTON.

SPECIFICATION forming part of Letters Patent No. 373,401, dated November 15, 1887.

Application filed February 25, 1887. Serial No. 228,829. (No model.)

To all whom it may concern:

Be it known that I, EDGAR K. HAYNES, of Boston, county of Suffolk, and State of Massachusetts, have invented an Improvement in Spring Cuff-Holders, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

This invention has for its object to provide a simple and efficient cuff-holder more especially adapted to be used with cuffs such as worn by ladies and children.

Prior to my invention it has been customary for ladies to secure their cuffs by means of pins or other devices inserted through the sleeve and cuff. This mode of securing cuffs is objectionable, and it is the object of this invention to provide a spring cuff-holder which may be compressed to permit of the easy insertion of the cuff in the sleeve, the holder acting to expand the cuff when in its proper place in the sleeve, the expansion of the said cuff by the said cuff-holder exerting a pressure on or against the interior of the surrounding sleeve to retain the cuff securely in place. The expansive force of the cuff-holder may be adjusted, according to the material of the dress with which it is to be used, to hold the cuff in place without forming an objectionable outward bulge on the sleeve or in other manner marring or destroying the symmetry of the arm.

My invention therefore consists, essentially, of a spring cuff-holder provided at its ends with buttons to engage button-holes of the cuff, substantially as will be set forth.

Other features of my invention will be pointed out in the claims at the end of this specification.

Figure 1 shows a cuff provided with one form of my improved cuff-holder. Fig. 2 shows the cuff-holder detached; Fig. 3, a modified form of cuff-holder. Fig. 4 shows a cuff provided with yet another modified form of cuff-holder, and Fig. 5 is a view of the cuff-holder shown in Fig. 4.

Referring to Figs. 1 and 2, my improved cuff-holder is therein shown as a piece of wire bent or shaped to leave two legs, a a' , united

at one end by a loop, a^2 , the said loop acting as a spring to normally keep the legs a a' apart. Each leg a a' at its free end may be provided with a button, b , as shown in Fig. 2; or it may be simply bent to present a rounded end, as shown in Fig. 3.

The leg a , as shown in Fig. 2, is bent to form a loop, b' , near its middle, the said loop being engaged, as herein shown, by one end of a chain or link, b^2 , adapted to engage the leg a' , the said link in this present instance engaging one of a series of corrugations or bends, b^3 , made in the leg a' , to lock or maintain the said legs at the desired distance apart, for a purpose to be hereinafter described.

In practice the legs a a' will be inserted through button-holes c c' , respectively, of the cuff c^2 , and the loop a^2 will be passed about the stud of the usual cuff-button, B , or it may be an ordinary collar-button, to maintain the cuff-holder in position.

The wearer, when putting on the cuff, brings the lower part of the cuff together, so as to permit it to be easily inserted in the sleeve, the spring-holder at such time being compressed. The cuff is then inserted in the sleeve, and when in the desired position the pressure upon the cuff is released and the spring-holder expands, thus forcing outward or expanding that part of the cuff within the sleeve, the outward pressure of the cuff on the inside of the sleeve being sufficient to securely maintain the cuff in the desired position within the sleeve. When the cuff has been pressed with sufficient force against the sleeve to firmly maintain it in position, the link or chain b^2 , as shown, may be made to engage a corrugation or bend, b^3 , in the leg a' , to lock, as it were, the position of the legs a a' , thereby preventing such expansion of the cuff as to form an objectionable bulge in the sleeve.

Referring to Fig. 5, I have shown the spring-holder as a single wire, d , bent to form substantially a semicircle, it having at each end a button, b , to enter the button-holes c c' of the cuff. As shown in Fig. 1, one leg, a' , is shown as extended through the button-hole c' from the outside and the leg a through the button-hole c from the inside of the cuff, and so, also,

in Fig. 4 one button *b* is inside the cuff, while the other is outside; but instead of the arrangement shown the said spring-holder may be either entirely within or on the outside of the said cuff, and so, also, the bent wire *d* may be made sufficiently large to nearly encircle the wrist or forearm of the wearer.

My improved spring cuff-holder may be used with garments made of very fine texture without in the least disfiguring the arm.

I claim—

1. As a new article of manufacture, a cuff-holder consisting of a spring bent into an approximately U shape, combined with a button attached to each end thereof, substantially as described.

2. As an improved article of manufacture, a spring cuff-holder comprising the legs *a a'*, adapted to be inserted through holes in the cuff, and having a loop, *a²*, adapted to engage the stem or stud of a cuff-button, to operate substantially as described.

3. As an improved article of manufacture, a spring cuff-holder comprising the legs *a a'*, adapted to be inserted through holes in the cuff, and having a loop, *a²*, adapted to engage the stem or stud of a cuff-button, combined with the link or chain to join the said legs and limit the expansion of the cuff-holder, substantially as specified.

4. As an improved article of manufacture, a spring cuff-holder comprising the legs *a a'* and loop *a²*, combined with a button or projection at the end of each leg to engage a button-hole of the cuff, substantially as described.

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

EDGAR K. HAYNES.

Witnesses:

G. W. GREGORY,
J. H. CHURCHILL.