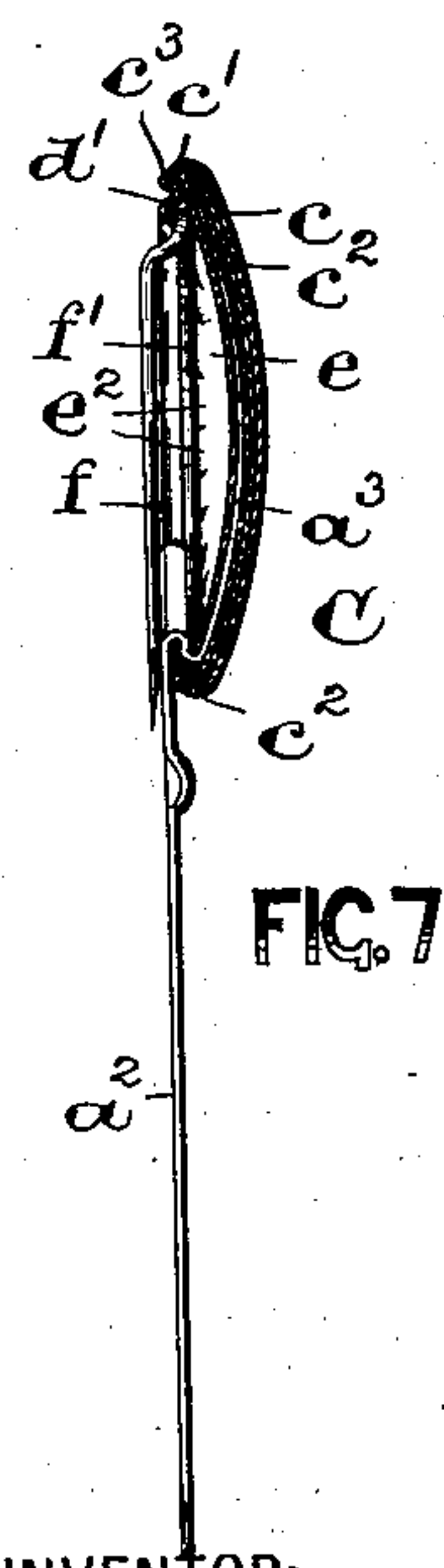
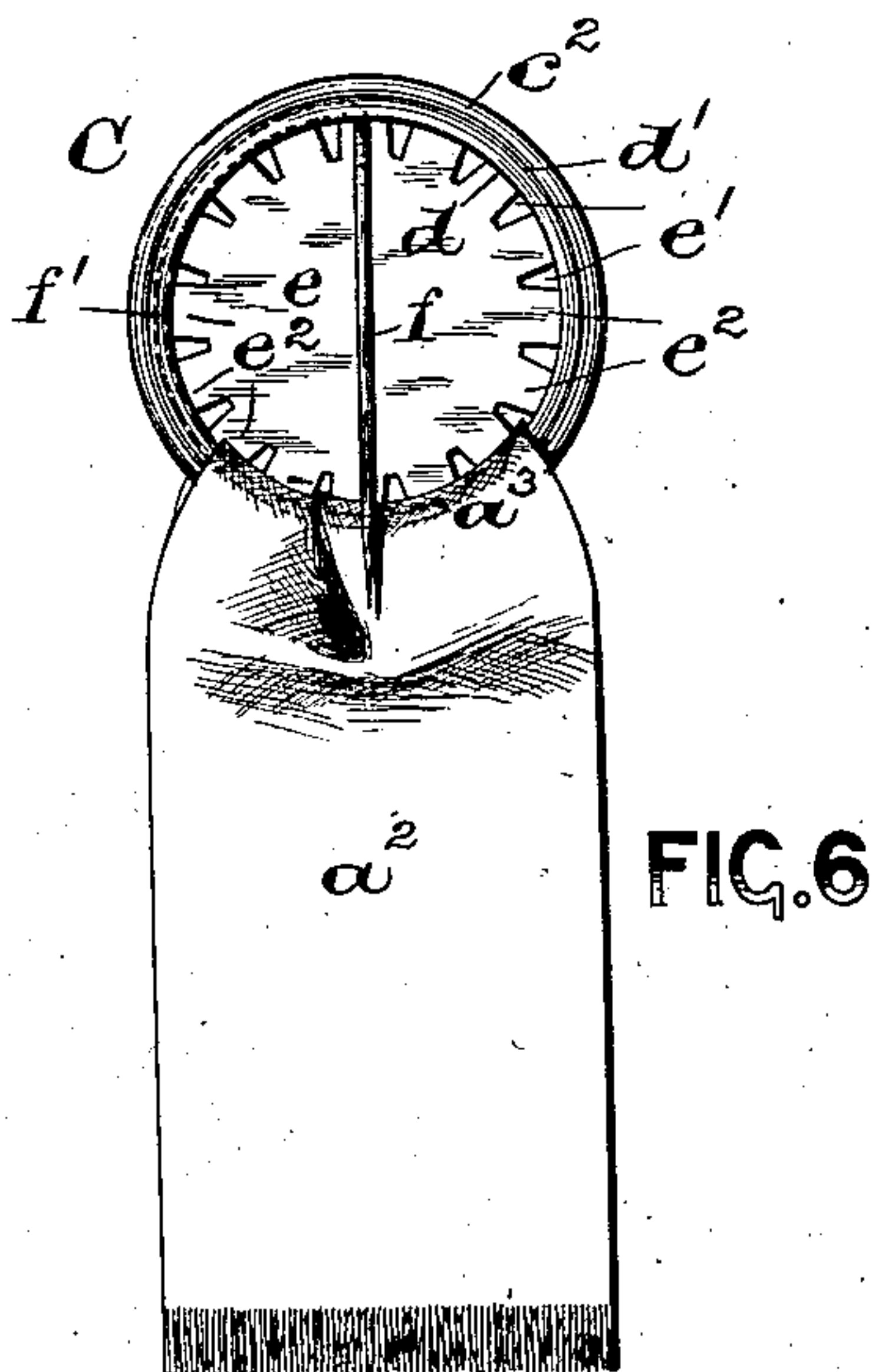
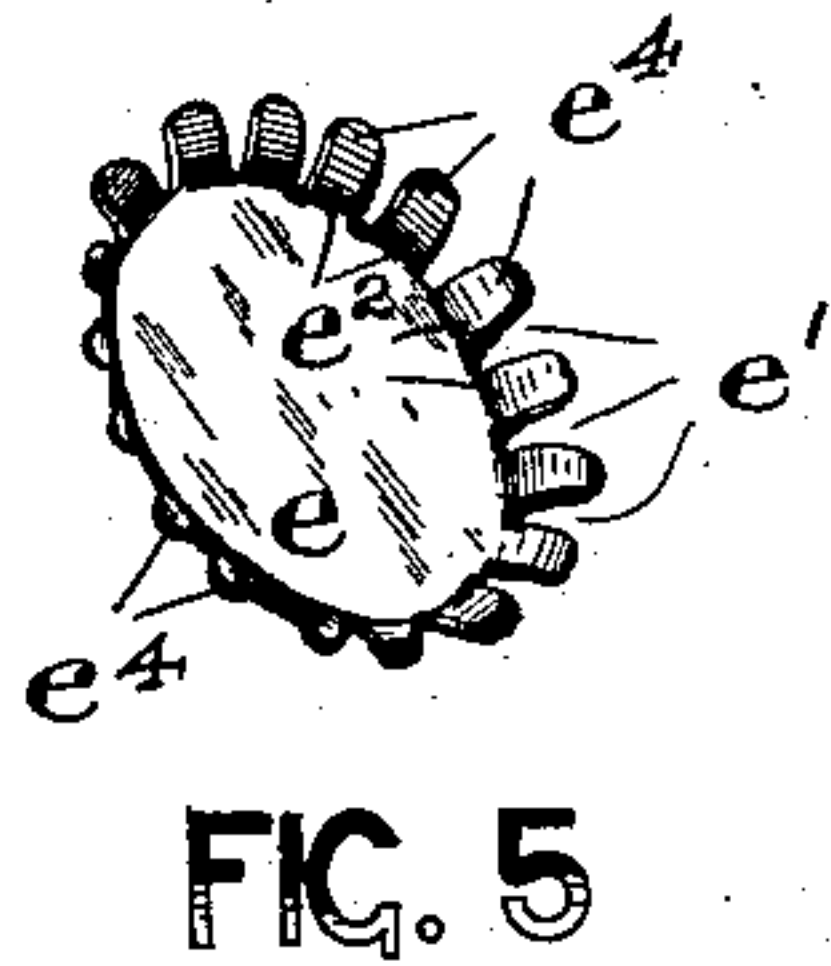
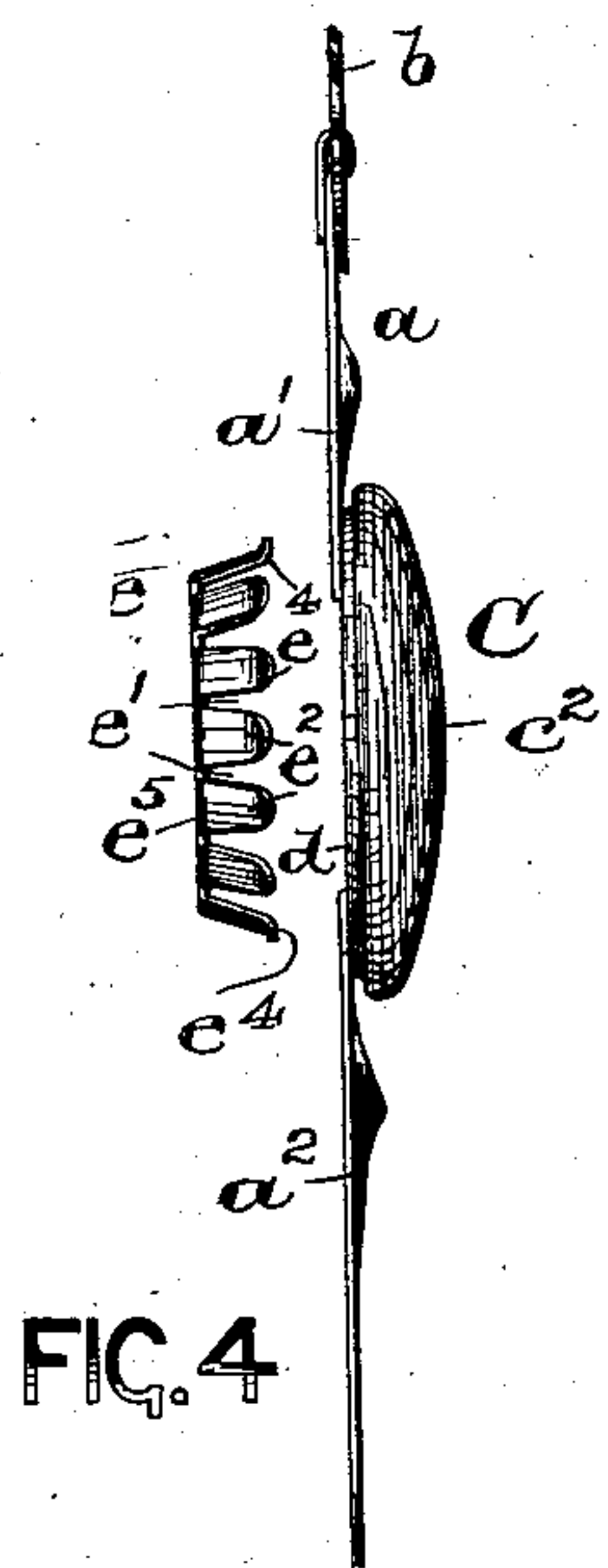
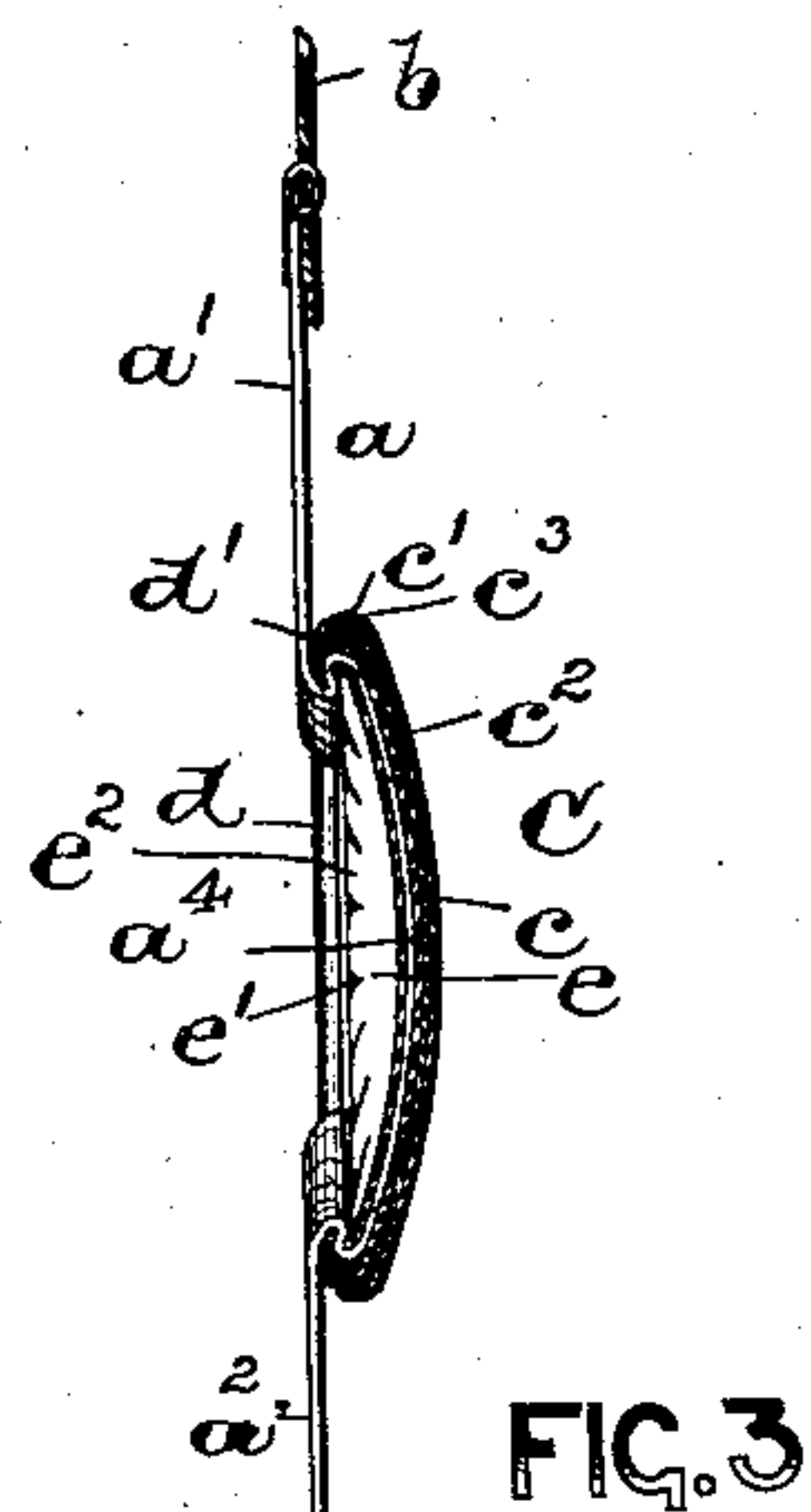
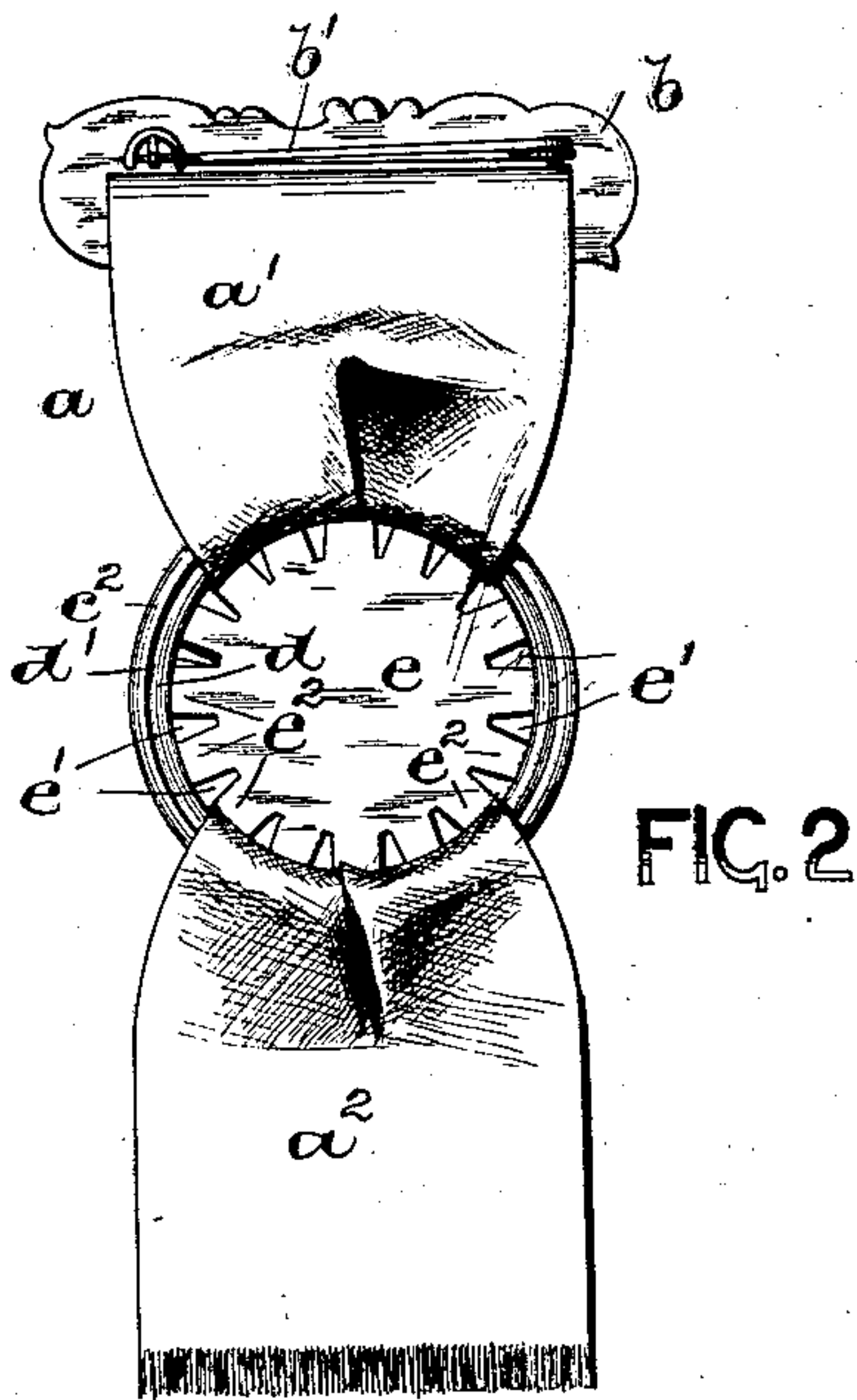
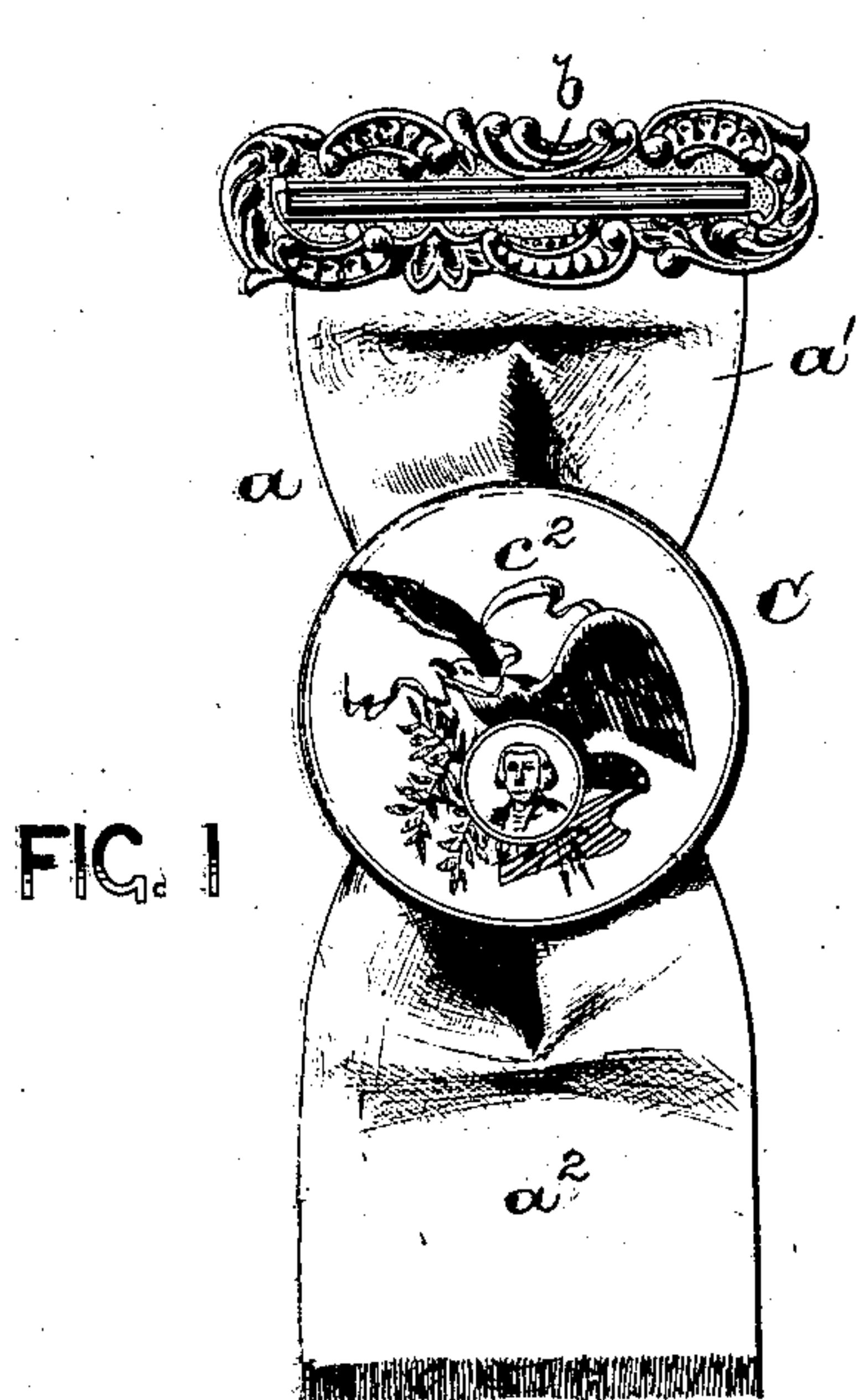


(No Model.)

W. HORNICH, Jr.  
BADGE.

No. 592,610.

Patented Oct. 26, 1897.



WITNESSES:

Wm. H. Canfield Jr.  
Marcy Z. Griswold

INVENTOR:

WILLIAM HORNICH, JR.

BY  
Fred C. Fraentzel,  
ATTORNEY



# UNITED STATES PATENT OFFICE.

WILLIAM HORNICH, JR., OF NEWARK, NEW JERSEY, ASSIGNOR TO THE  
WHITEHEAD & HOAG COMPANY, OF NEW JERSEY.

## BADGE.

SPECIFICATION forming part of Letters Patent No. 592,610, dated October 26, 1897.

Application filed August 2, 1897. Serial No. 646,768. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM HORNICH, Jr., a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Badges; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable 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 of reference marked thereon, which form a part of this specification.

This invention relates to improvements in badges; and the invention has for its primary object to provide in connection with a ribbon a medallion bearing an inscription, emblem, design, or the like, said medallion being formed with a chamber or depression in the back thereof, and a plate having a holding means adapted and arranged to permit the insertion of said plate into said chamber or depression and to be flattened out therein, whereby said holding means is firmly forced against the inner annular surface of said medallion directly beneath the annular rim or bead, the device serving to firmly and permanently secure the said medallion in position on any suitable part of the ribbon, which forms part of the badge.

The invention therefore consists in the badge provided with the novel means to be hereinafter more fully described for permanently connecting the medallion to the ribbon of the badge.

The invention furthermore consists in the several details of construction of the several parts comprising the badge, as well as in such novel arrangements and combinations of parts, all of which will be more fully described in the accompanying specification and finally embodied in the clauses of the claim.

The invention is illustrated in the accompanying sheet of drawings, in which—

Figure 1 is a front view, and Fig. 2 a back view, of one form of badge embodying the novel features of my invention. Fig. 3 is a longitudinal vertical section of the badge. Fig. 4 is an end view of the badge and side

view of my novel form of clamping-plate about to be inserted in the chambered or recessed part of the medallion for permanently connecting the ribbon with the medallion, and Fig. 5 is a perspective view of the clamping-plate before it is inserted in the back of the medallion. Fig. 6 is a back view of a badge made according to the principles of my invention, but in which the medallion is provided with a stick-pin for attaching the badge to the lapel of a coat or the dress of a person; and Fig. 7 is a longitudinal vertical section of the same.

Similar letters of reference are employed in all of the above-described views to indicate corresponding parts.

In said drawings, *a* indicates the ribbon portion of the badge, which is to be permanently attached to a suitable medallion *C*, provided with means to be hereinafter more fully described for securing said ribbon to said medallion and to provide the upwardly-projecting part *a'* and the downwardly-projecting part *a''* of the ribbon on opposite edges of said medallion, as indicated in Figs. 1 to 4, inclusive, or for simply securing but one end, as *a''*, of the ribbon to said medallion, as indicated in Figs. 6 and 7. When the ribbon is arranged as indicated in said Figs. 1 to 4, inclusive, said part *a'* of the ribbon is usually provided with a top bar *b*, having a pin *b'*, or any other suitable device for fastening the badge to the garment of the wearer.

The medallion *C* consists, essentially, of an ornamental button-like shell *c*, or the equivalent thereof, made of metal and of any desirable configuration in outline, said shell being provided with an inwardly-projecting marginal rim or bead *c'*. On the face of said button or shell *c* may be arranged a flexible covering *c''*, as will be more especially seen from Figs. 3 and 7, which may be provided with any suitable inscription, design, emblem, or the like. The annular edge *c'''* of said covering *c''* is arranged over and underneath the said marginal rim or bead *c'*, where it is firmly held fast and pulled taut by a suitably-constructed reinforcing-ring *d*, provided with the inwardly-projecting marginal edge *d'*, as clearly illustrated in said Figs. 3



and 7, and is arranged and secured beneath said bead or rim  $c'$  during the process of assembling these several parts together. Thus it will be seen that said medallion C is formed in the back thereof with a recessed or chamber-like part in which I arrange the portion  $a^4$  of the ribbon, as shown in Fig. 3, or the end  $a^3$  of the ribbon illustrated in Figs. 6 and 7, and permanently secure the same therein by means of the clamping or holding plate  $e$ . Said plate  $e$  before it is permanently secured in the chamber-like or recessed part in the back of the medallion is made cup shape, as indicated in Figs. 4 and 5, its annular edge being turned upwardly and slightly outward, and the maximum diameter of said edge being a trifle smaller than the minimum diameter of the opening in the ring  $d$ . Said annular edge of the plate  $e$  is preferably provided with suitably cut-away parts  $e'$  and the lugs or holding-teeth  $e^2$ , extending outwardly and having the bent ends  $e^3$ , which extend in a still farther outward direction to form the practically flat surfaces  $e^4$  at or near the extreme ends of said lugs or teeth, said flat surfaces being approximately parallel to the main part of the plate  $e$ , as clearly indicated in said Figs. 4 and 5.

In order that the herein-above mentioned parts of the ribbon  $a$  may be connected with and securely fastened in the chamber-like or recessed portion of the medallion C, the said holding-plate  $e$  is placed against the back of the combined ribbon and medallion, as indicated in Fig. 4, and its lugs or teeth  $e^2$  inserted through the opening in the ring  $d$ , so that the flat surfaces  $e^4$  will rest lightly upon the ribbon portion  $a^4$  of the ribbon illustrated in Figs. 1 to 4, inclusive, or upon the end  $a^3$  of the ribbon shown in Fig. 7 and in the chamber or recess in the back of the medallion C, as will be clearly understood from an inspection of the several figures of the drawings. I next apply sufficient pressure upon the back of the plate  $e$  by means of a die or other suitable tool whereby the lugs or teeth  $e^2$  will be flattened or straightened out, the whole conforming to the inner concave surface of the shell  $c$ , said lugs or teeth  $e^2$  being forced into firm holding engagement with the inner annular rim or bead thereof, and said lugs or teeth at the same time securely and permanently holding the ribbon in place in said chambered part of the medallion, whereby the latter is quickly and easily attached to the ribbon. When but one end of the ribbon is to be permanently secured to the medallion C, as in Figs. 6 and 7, I arrange in said chambered part of the shell  $c$  between its annular rim or bead  $c'$  and the annular edge  $d'$  of the ring  $d$  the holding portion  $f'$  of a pin  $f$ . The construction and arrangement of said pin are clearly described and illustrated in United States Patent No. 564,356, granted July 21, 1896, to one George B. Adams, and to such pin *per se* I waive all claim, the same being merely illustrated herein to show

the different forms of badges to which my invention is applicable.

Having thus described my invention, what I claim is—

1. In a badge, the combination, with an ornamental shell-like medallion having a chambered or recessed portion in the back thereof, of a ribbon having a part thereof arranged in said chambered or recessed medallion, and a plate for permanently securing said part of the ribbon in said chambered or recessed portion, said plate having an outwardly-extending and raised annular rim, adapted to be arranged in said chambered or recessed portion of said shell and straightened out therein to bring it and said ribbon in holding contact with the inner portion of said chamber, substantially as and for the purposes set forth.

2. In a badge, the combination, with an ornamental shell-like medallion having a chambered or recessed portion in the back thereof, and a flexible covering over said shell, bearing an inscription, design, emblem, or the like, of a ribbon having a part thereof arranged in said chambered or recessed portion of the medallion, and a plate for permanently securing said part of the ribbon in said chambered or recessed portion, said plate having an outwardly-extending and raised annular rim, adapted to be arranged in said chambered or recessed portion of the shell and straightened out therein to bring it and said part of the ribbon in holding contact with the inner portion of said chamber, substantially as and for the purposes set forth.

3. In a badge, the combination, with an ornamental shell-like medallion having a chambered or recessed portion in the back thereof, of a ribbon having a part thereof arranged in said chambered or recessed portion of the medallion, and a plate for permanently securing said part of the ribbon in said chambered or recessed portion, said plate having outwardly-extending and raised lugs or teeth  $e^2$ , adapted to be arranged in said chambered or recessed portion of the shell, and straightened out therein to bring said lugs or teeth and said part of the ribbon in holding contact with the inner portion of said chamber, substantially as and for the purposes set forth.

4. In a badge, the combination, with an ornamental shell-like medallion having a chambered or recessed portion in the back thereof, and a flexible covering over said shell, bearing an inscription, design, emblem, or the like, of a ribbon having a part thereof arranged in said chambered or recessed portion of the medallion, and a plate for permanently securing said part of the ribbon in said chambered or recessed portion, said plate having outwardly-extending and raised lugs or teeth  $e^2$ , adapted to be arranged in said chambered portion of the shell, and straightened out therein to bring said lugs or teeth and said part of the ribbon in holding contact with the inner portion of said chamber, substantially as and for the purposes set forth.



5. In a badge, the combination, with an ornamental shell-like medallion having a chambered or recessed portion in the back thereof, of a ribbon having a part thereof arranged in said chambered or recessed portion of the medallion, and a plate for permanently securing said part of the ribbon in said chambered or recessed portion, said plate having outwardly-extending and raised lugs or teeth  $e^2$  having bent ends  $e^3$  and the flattened surfaces  $e^4$ , adapted to be arranged in said chambered or recessed portion of the shell and straightened out therein to bring said ends of the lugs or teeth and said part of the ribbon in holding contact with the inner portion of said chamber, substantially as and for the purposes set forth.

6. In a badge, the combination, with an ornamental shell-like medallion having a chambered or recessed portion in the back thereof, and a flexible covering over said shell, bearing an inscription, design, emblem, or the like, of a ribbon having a part thereof arranged in said chambered or recessed portion of the medallion, and a plate for permanently securing said part of the ribbon in said chambered or recessed portion, said plate having outwardly-extending and raised lugs or teeth  $e^2$  having bent ends  $e^3$  and the flattened surfaces  $e^4$ , adapted to be arranged in said chambered or recessed portion of the shell and straightened out therein to bring said ends of the lugs or teeth and said part of the ribbon in holding contact with the inner portion of said chamber, substantially as and for the purposes set forth.

7. In a badge, the combination, with an ornamental shell-like medallion having a marginal rim or bead, forming a chambered or recessed portion in the back thereof, a flexible covering over said shell, bearing an inscription, design, emblem, or the like, and having its edges turned down over said marginal rim, and a ring in said shell placed over the edge of said covering to hold or secure the latter in position, of a ribbon having a part thereof arranged in said chambered or recessed part of the medallion, and a plate for permanently securing said part of the ribbon in said chambered or recessed portion, said plate having an outwardly-extending and raised annular rim, adapted to be arranged in said chambered or recessed portion of the shell and straightened out beneath the rim or bead of the shell and its ring, to bring it and said part of the ribbon in holding contact with the inner an-

nular surface of the rim or bead of the shell, substantially as and for the purposes set forth.

8. In a badge, the combination, with an ornamental shell-like medallion having a marginal rim or bead, forming a chambered or recessed portion in the back thereof, a flexible covering over said shell, bearing an inscription, design, emblem, or the like, and having its edges turned down over said marginal rim, and a ring in said shell placed over the edge of said covering to hold or secure the latter in position, of a ribbon having a part thereof arranged in said chambered or recessed part of the medallion, and a plate for permanently securing said part of the ribbon in said chambered or recessed portion, said plate having outwardly-extending and raised lugs or teeth  $e^2$  adapted to be arranged in said chambered or recessed portion of the shell and straightened out beneath the rim or bead of the shell and its ring, to bring the ends of said lugs or teeth and said part of the ribbon in holding contact with the inner annular surface of the rim or bead of the shell, substantially as and for the purposes set forth.

9. In a badge, the combination, with an ornamental shell-like medallion having a marginal rim or bead, forming a chambered or recessed portion in the back thereof, a flexible covering over said shell, bearing an inscription, design, emblem, or the like, and having its edges turned down over said marginal rim, and a ring in said shell placed over the edge of said covering to hold or secure the latter in position, of a ribbon having a part thereof arranged in said chambered or recessed part of the medallion, and a plate for permanently securing said part of the ribbon in said chambered or recessed portion, said plate having outwardly-extending and raised lugs or teeth  $e^2$  having bent ends  $e^3$  and the flattened surfaces  $e^4$ , adapted to be arranged in said chambered or recessed portion of the shell and straightened out beneath said rim or bead of the shell and its ring, to bring said ends of the lugs or teeth and said part of the ribbon in holding contact with the inner annular surface of the said rim or bead of the shell, substantially as and for the purposes set forth.

In testimony that I claim the invention set forth above I have hereunto set my hand this 29th day of July, 1897.

WILLIAM HORNICH, JR.

Witnesses:

FREDK. C. FRAENTZEL,  
CHESTER R. HOAG.