

No. 608,357.

Patented Aug. 2, 1898.

A. H. ADAMS.

BADGE.

(Application filed Nov. 8, 1897.)

(No Model.)

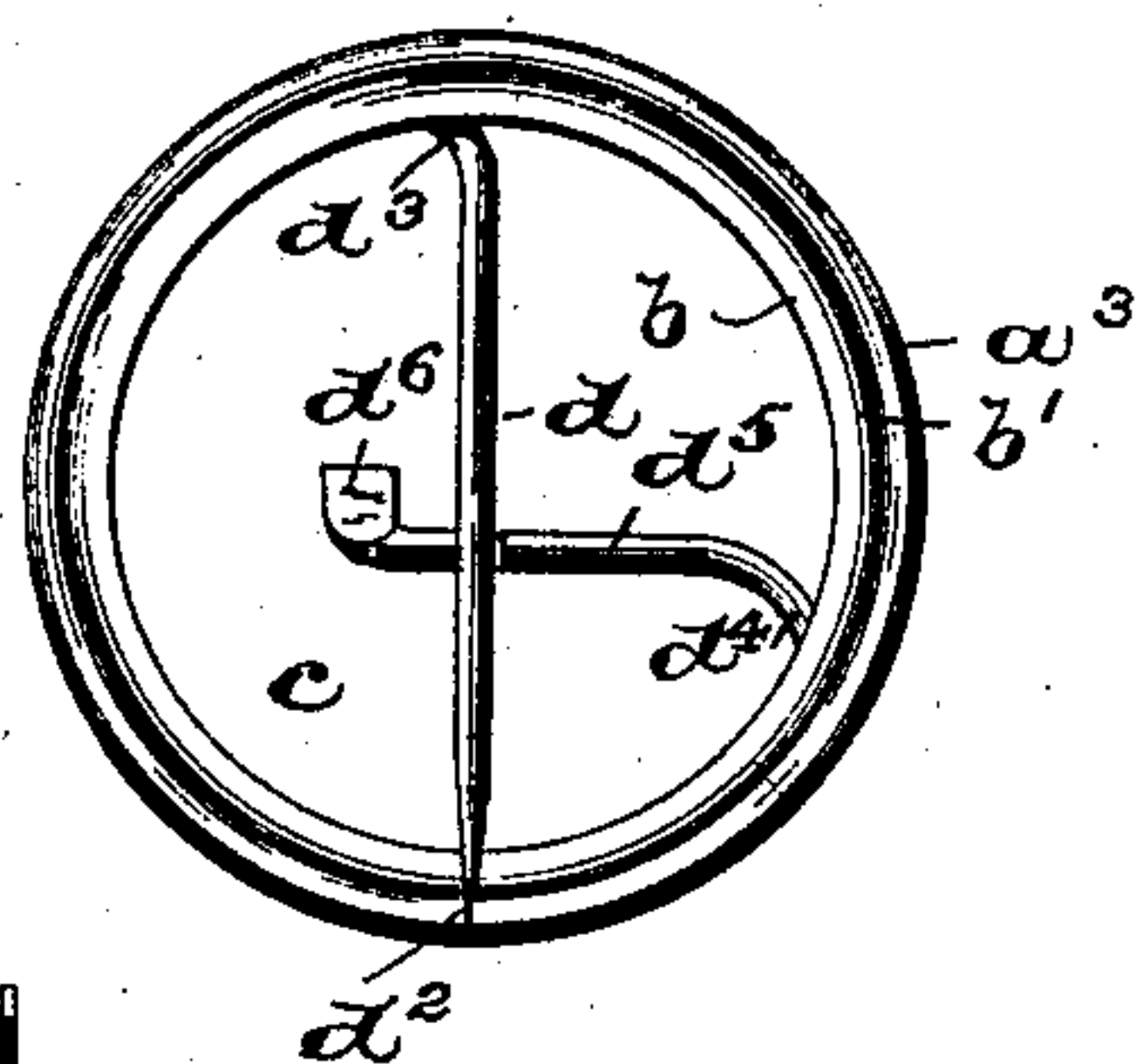


FIG. 1

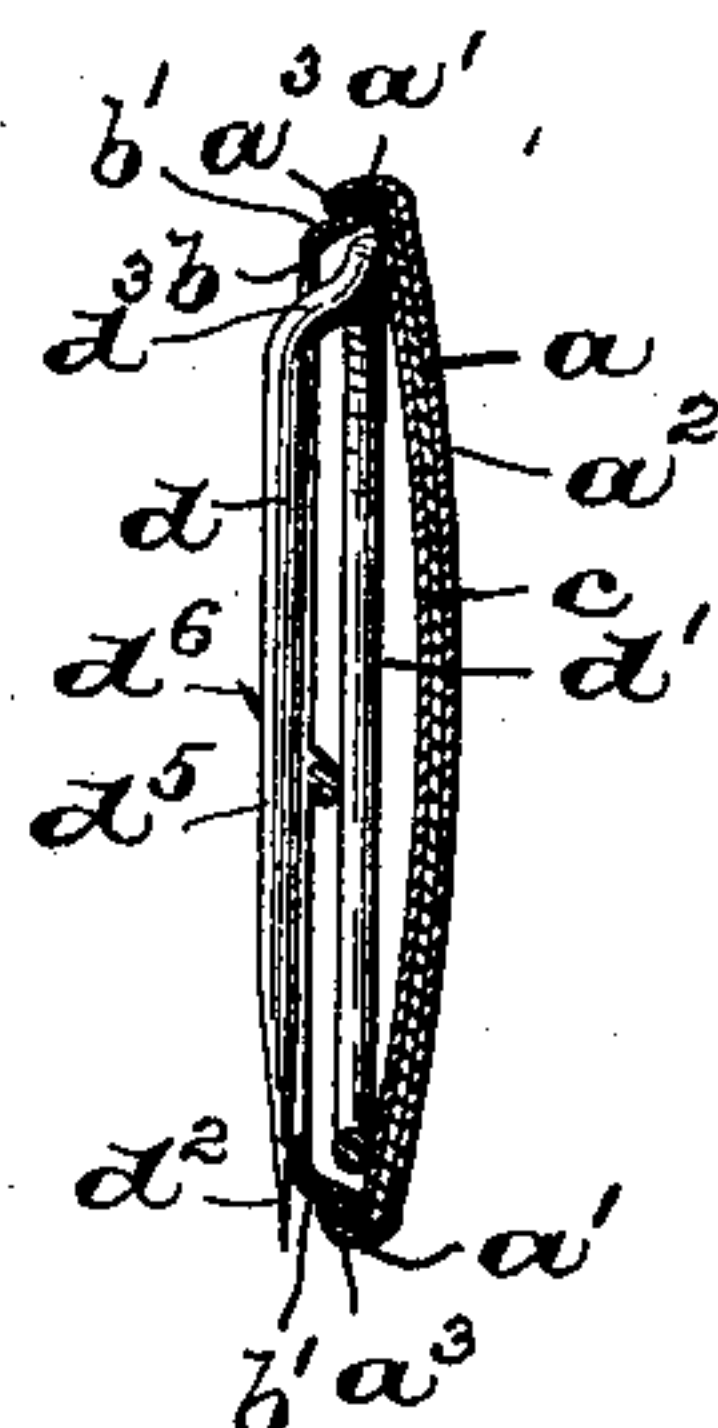


FIG. 2

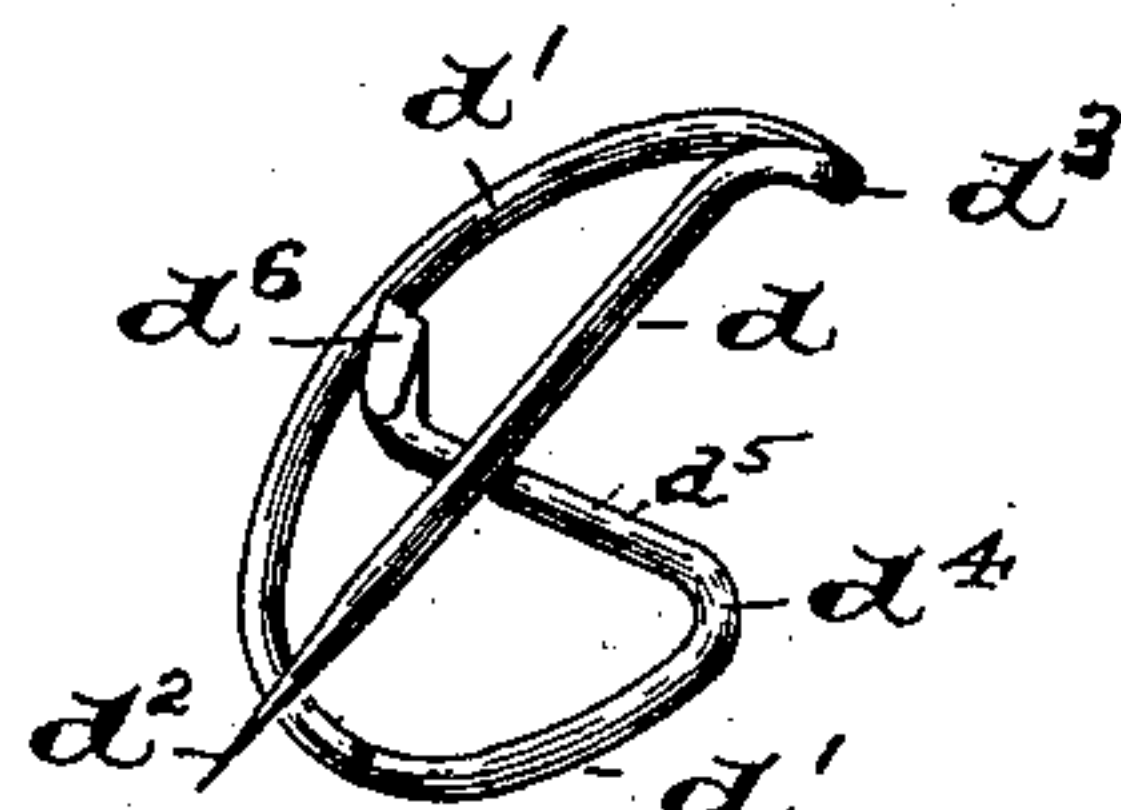


FIG. 3

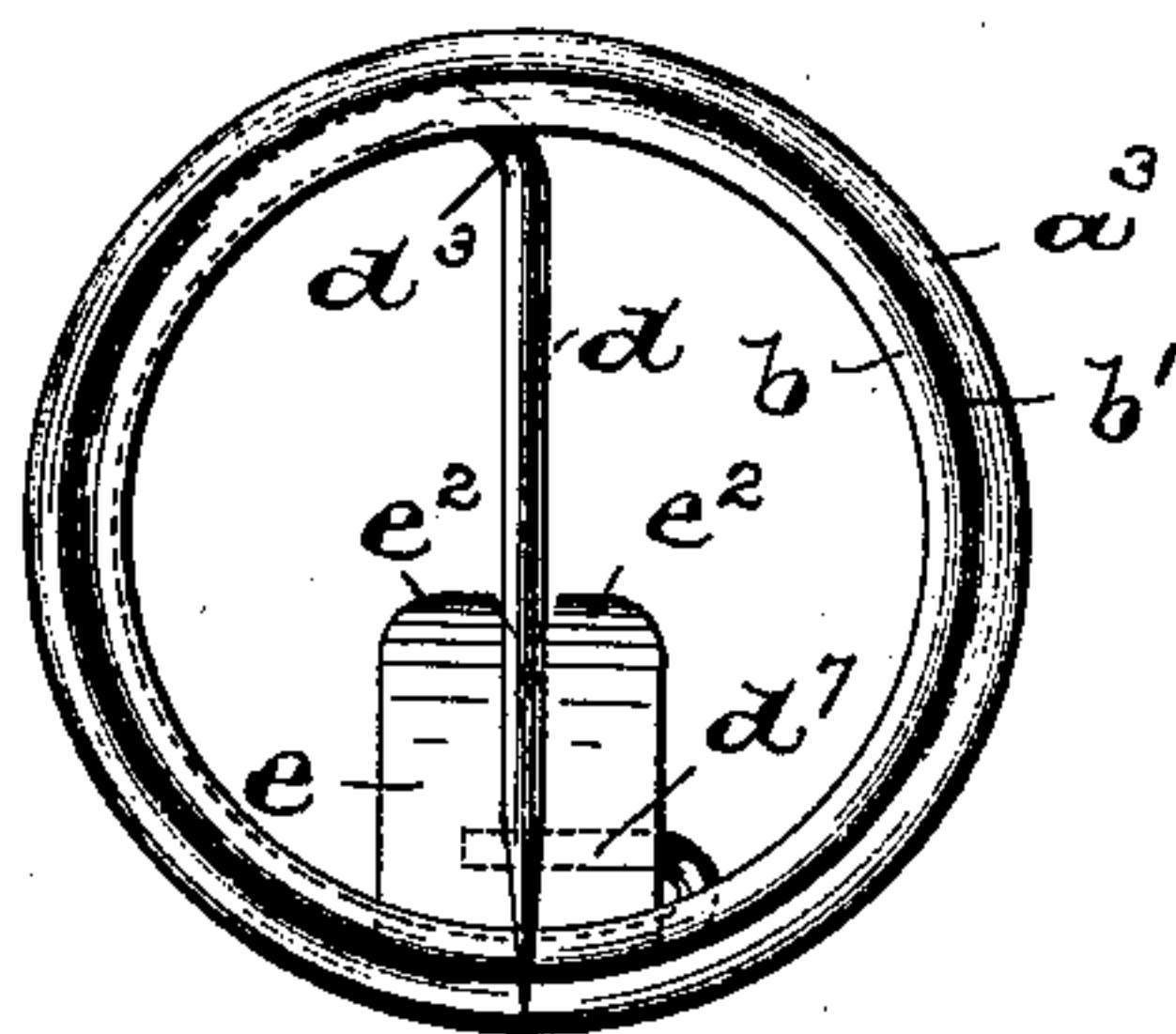


FIG. 4

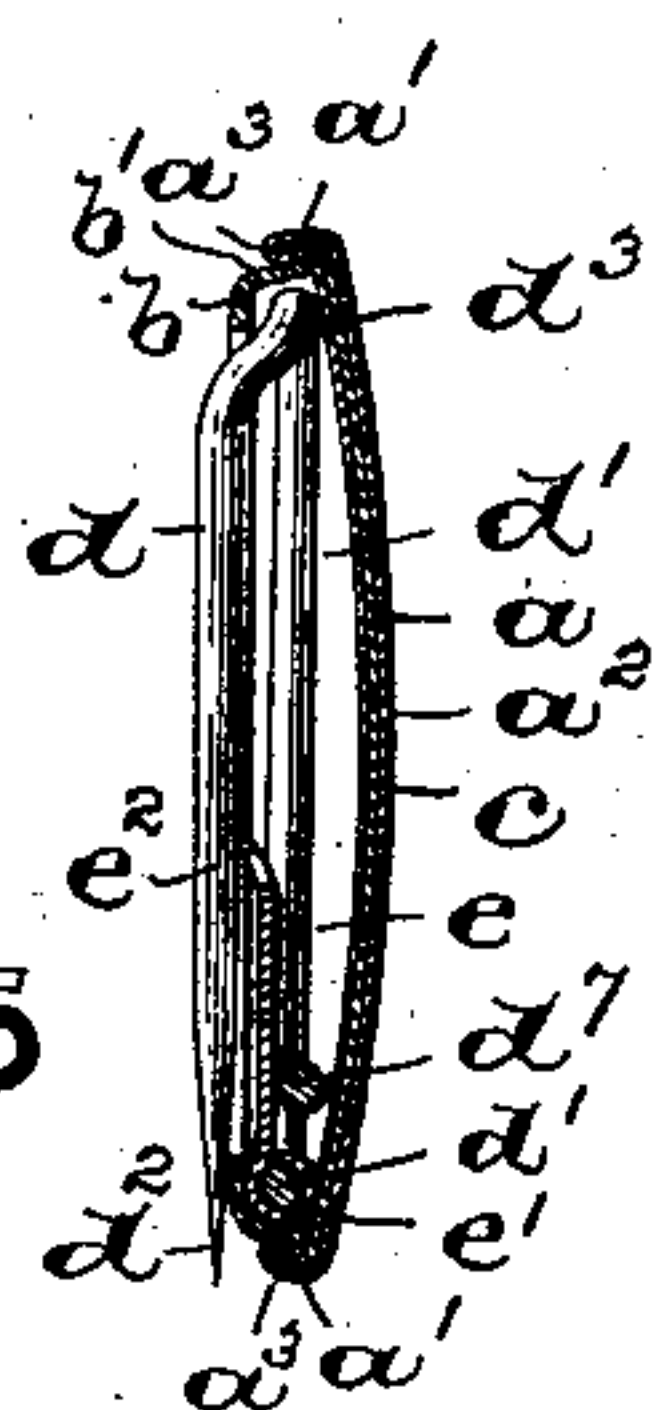


FIG. 5

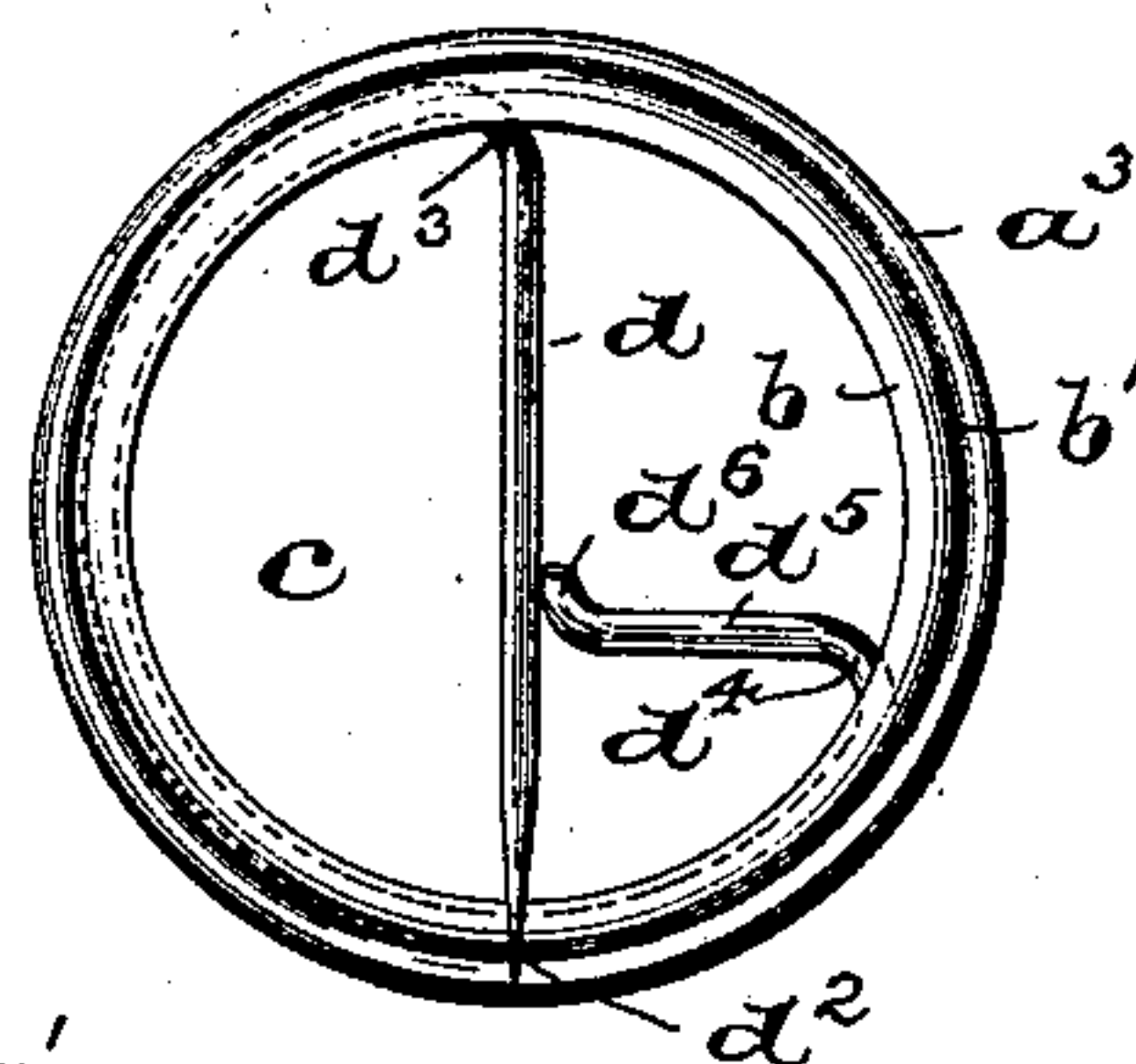


FIG. 6

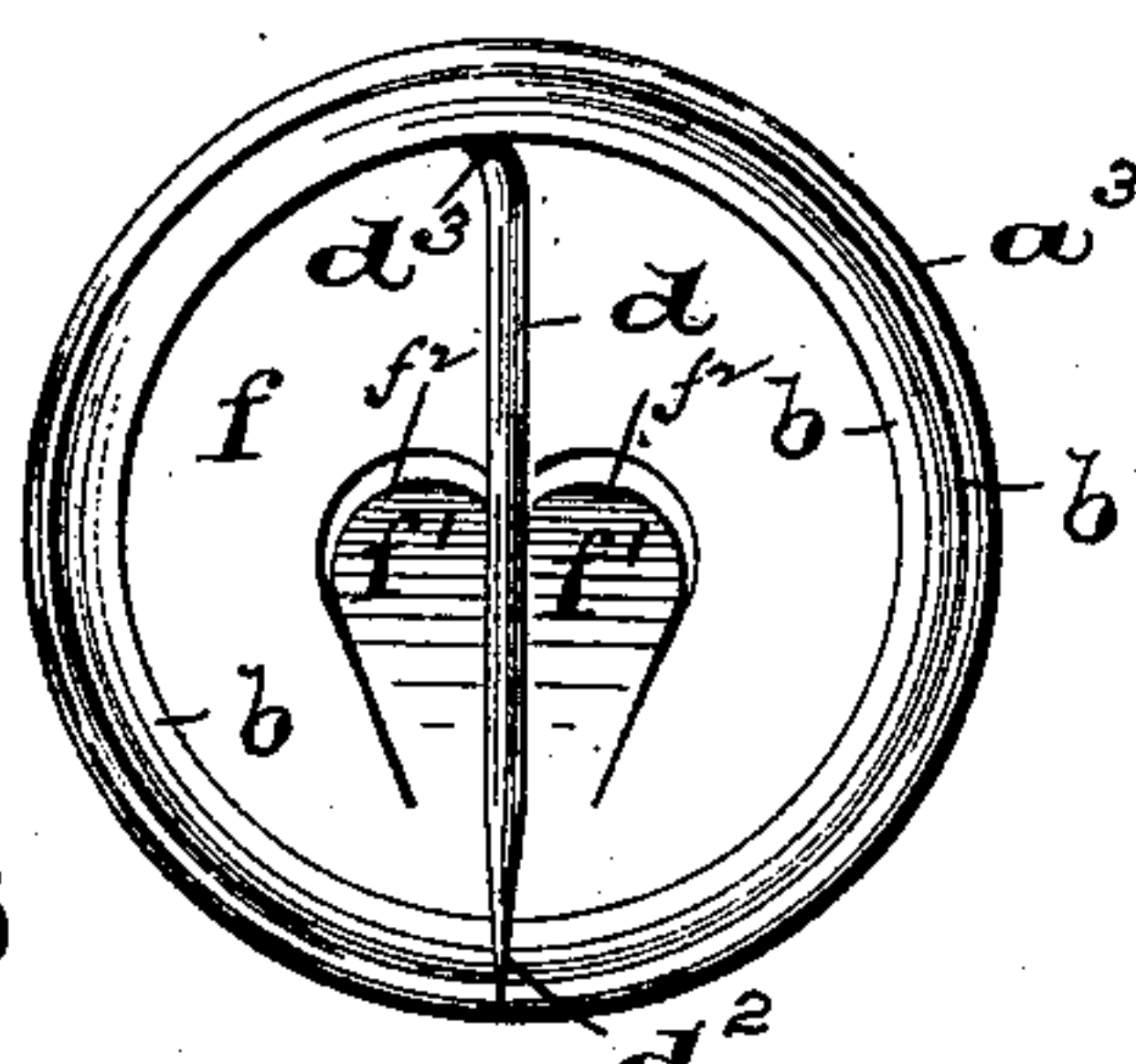


FIG. 7

FIG. 8

WITNESSES:  
Mr. H. Campfield, Jr.  
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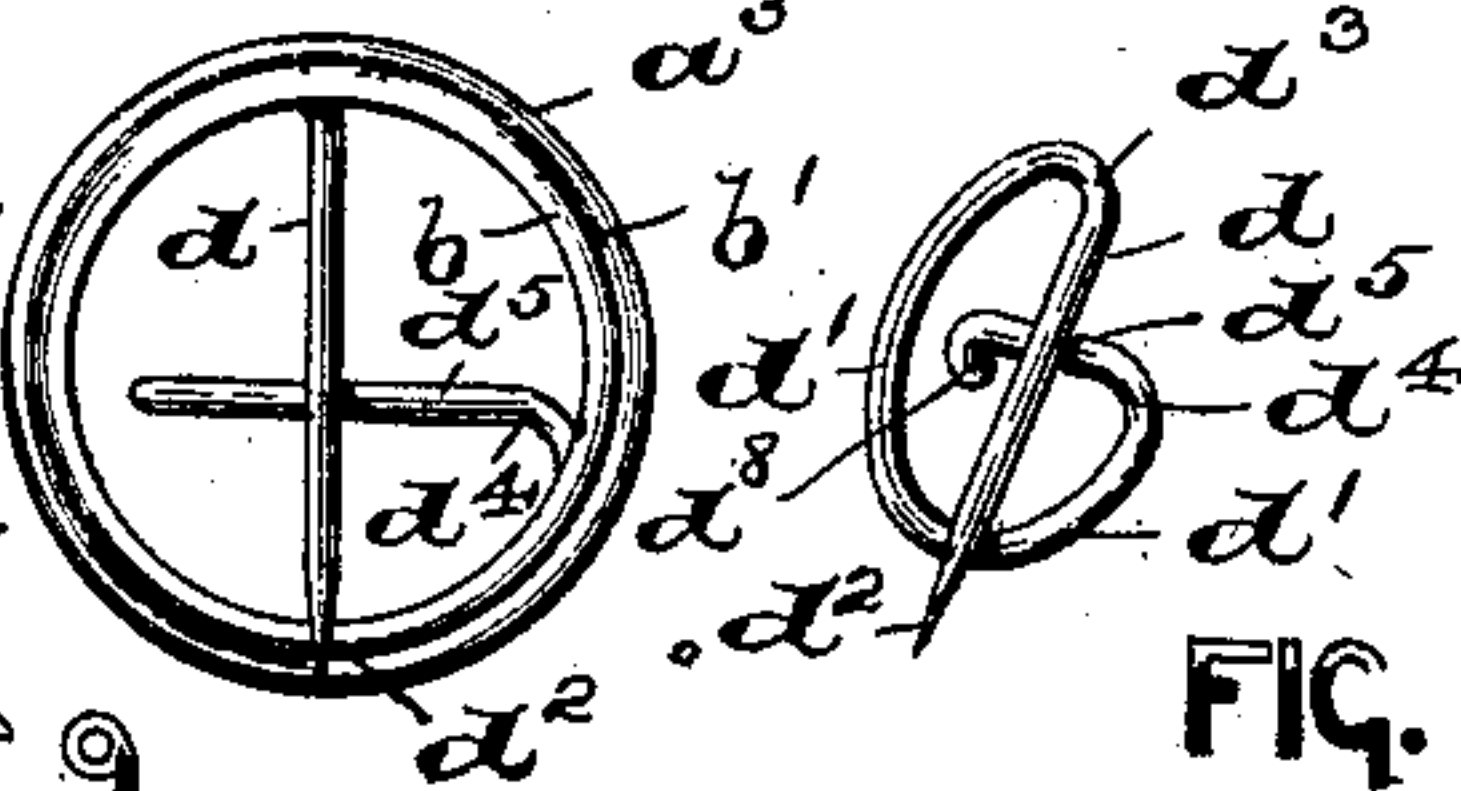


FIG. 9

FIG. 10

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# UNITED STATES PATENT OFFICE.

ALMA H. ADAMS, OF IRVINGTON, NEW JERSEY.

## BADGE.

SPECIFICATION forming part of Letters Patent No. 608,357, dated August 2, 1898.

Application filed November 8, 1897. Serial No. 657,728. (No model.)

*To all whom it may concern:*

Be it known that I, ALMA H. ADAMS, a citizen of the United States, residing at Irvington, 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 an improved badge; and the invention has for its primary object to provide a badge comprising a shell or button like portion formed with a chamber in the back thereof and a pin-bar having a holding portion for arranging it in the chambered back of the shell, a pin-point at one end of said bar for securing the badge to the garment of the wearer, and means in separable spring contact with said bar adapted to press into the garment at a point near the pin-bar for retaining the badge in its proper position and preventing the accidental displacement of the same, and said pin-bar and said means being adapted to be detached from each other when said means is pressed directly into said chamber.

The invention consists in the general arrangements and combinations of parts to be hereinafter fully set forth, and finally embodied in the clauses of the claim.

The invention is clearly illustrated in the accompanying drawings, in which—

Figures 1 and 2 are a back view and a vertical cross-section of a badge embodying the principles of this invention, and Fig. 3 is a perspective view of the pin-bar and its connecting parts. Fig. 4 is a back view of a badge of a slightly-modified form of construction, and Fig. 5 is a vertical cross-section of the same. Fig. 6 is a back view of still another modified form of construction, and Fig. 7 is a vertical cross-section of the same. Fig. 8 is a back view of another form of badge made according to my invention. Fig. 9 is a back view of still another modified form of badge, and Fig. 10 is a perspective view of the pin-bar to be used in connection with the construction illustrated in said Fig. 9.

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

In said drawings, *a* indicates a suitable shell portion of any desirable configuration in outline, which is provided with an inwardly-projecting marginal rim or bead *a'*. The face of said shell may be covered with a flexible covering *a*<sup>2</sup>, which may be provided with any suitable inscription, emblem, design, or the like. The annular edge *a*<sup>3</sup> of said covering is arranged over and underneath the said marginal rim or bead *a'*, where it is firmly held in place and pulled taut by means of a suitable ring or collet *b*, as clearly illustrated in the several figures of the drawings. The said ring or collet *b*, which is provided with an inwardly-extending annular rim or edge *b'*, is arranged beneath said marginal rim or bead *a'* of the shell *a*, and a suitable disk *c* may be employed within said shell, said disk being secured in place by the annular edge of said ring or collet; but of course it will be evident that said disk *c* is not essential and may be dispensed with, if desired. Arranged beneath said annular rim or bead of the shell *a* and held therein by the rim or edge *b'* of the ring or collet *b* is the curved or bent holding portion *d'* of the pin-bar *d*. Said bar, which is made from a continuous piece of wire of any desirable size and shape in cross-section, is formed with a pin-point *d*<sup>2</sup> at one end and with an inwardly-bent portion *d*<sup>3</sup>, with which is connected the holding portion *d'*, which is arranged in the chambered part of the shell *a* and held therein by the annular rim or bead *a'* and said ring or collet *b*. The said holding portion *d'* terminates in a bent portion *d*<sup>4</sup> and then runs in a straight direction directly beneath the main part of the bar *d*, forming a supporting-arm *d*<sup>5</sup> practically at a right angle, or approximately so, to said bar *d*, as clearly illustrated in Figs. 1, 3, 9, and 10, said arm *d*<sup>5</sup> and bar *d* being in spring contact with each other, or said arm *d*<sup>5</sup> may terminate directly at one side of the bar *d*, as indicated in Fig. 8. The said arms *d*<sup>5</sup>, which have sufficient spring action to be capable of being pressed inward, are provided at their free ends with an upwardly extending and inclined holding jaw or tongue *d*<sup>6</sup>, which may be sharpened or pointed, as indicated more



particularly in Figs. 2, 3, and 5. The inclination of said jaw or tongue  $d^6$  permits the ready insertion of the pin-bar into the garment; but it prevents the withdrawal of the same unless the wearer presses the arm  $d^5$  into the chambered part of the shell  $a$ , which action withdraws the said tongue or jaw  $d^6$  from its holding engagement with the garment, as will be clearly understood.

10 In some cases I may dispense with the use of the tongue or jaw  $d^6$ , and I may provide the arm  $d^5$  with a short post or spur  $d^8$ , which extends down into the shell, as indicated in Figs. 9 and 10, to present a very positive  
15 spring contact between said arm  $d^5$  and the bar  $d$ , said parts tightly grasping the garment between them, which makes it difficult to remove the badge and prevents its accidental displacement.

20 If desired, the holding portion  $d'$  of the pin-bar  $d$  may be provided with a spring-plate  $e$ , held by means of a loop  $e'$  on said portion and normally bearing against a stop-piece  $d^7$ , extending from and formed integral with the  
25 said part  $d'$  of the bar  $d$ . Said plate  $e$  is provided with an upwardly-extending portion, forming a grasping-jaw or spring-tongue  $e^2$ , which when the badge is applied to the garment forces itself into the garment and prevents the accidental displacement of the  
30 badge.

In lieu of the spring-plate  $e$  a disk or plate  $f$  may be arranged in the chambered portion of the shell  $a$ , said plate being formed with an  
35 upwardly and outwardly projecting lug  $f'$ , forming the tongue or tongues  $f^2$ , as clearly illustrated in Figs. 6 and 7, and which answer the same purpose as the spring tongue or jaw  $d^6$  on the wire-arm  $d^5$  or the tongue  $e^2$  on the  
40 plate  $e$ .

The pin-bar  $d$  may be of any desirable length, but is preferably made, as indicated in the drawings, with the pin-point within the peripheral edge of the shell. The pin-bars illustrated more particularly in Figs. 1, 2, 3, 9, and  
45 10 are the preferred forms of construction, being provided with a supporting-arm  $d^5$  at a right angle to said pin-bar, or approximately so, and lying in spring contact with the bar to provide a bearing within the chamber of  
50 the shell, because of which the pin-point of the bar can lie within the peripheral edge of the shell, and thus avoids any possibility of pricking or scratching the hand of the wearer of the badge when secured to the garment  
55 and at the same time securely retaining the badge on the garment by forcing the material thereof between the bar and said arm.

Having thus described my invention, what  
60 I claim is—

1. In a badge, a shell having a marginal rim or bead forming a chamber in the back thereof, a pin-bar having a holding portion arranged beneath said rim or bead, and means  
65 in separable spring contact with said bar to form a support for the pin-bar within said

chamber, and adapted to be detached from said pin-bar when pressed into said chamber, substantially as and for the purposes set forth.

2. In a badge, a shell having a marginal rim or bead forming a chamber in the back thereof, a pin-bar, a holding portion on said bar arranged beneath said rim or bead, and an arm on said holding portion, at a right angle to said pin-bar, or approximately so, said arm and bar being arranged in separable  
70 spring contact and said arm forming a support for said pin-bar, and adapted to be detached from said pin-bar when pressed into said chamber, substantially as and for the  
80 purposes set forth.

3. In a badge, a shell having a marginal rim or bead forming a chamber in the back thereof, a pin-bar, a holding portion on said bar arranged beneath said rim or bead, an  
85 arm on said holding portion, at a right angle to said pin-bar, or approximately so, said arm and bar being arranged in separable spring contact and said arm forming a support for said pin-bar, and adapted to be detached from  
90 said pin-bar when pressed into said chamber, and a tongue or jaw on the free end of said arm, substantially as and for the purposes set forth.

4. In a badge, a shell having a marginal rim or bead, forming a chamber in the back thereof, a pin-bar, a holding portion on said bar arranged beneath said rim or bead, an arm on said holding portion, at a right angle to said pin-bar, or approximately so, said arm  
100 and bar being arranged in separable spring contact and said arm forming a support for said pin-bar and adapted to be detached from said pin-bar when pressed into said chamber, and an upwardly extending and inclining  
105 tongue or jaw on the free end of said arm, substantially as and for the purposes set forth.

5. In a badge, a shell having a marginal rim or bead, forming a chamber in the back thereof, a covering over said shell, having its edges turned down over said marginal rim or bead, a ring or collet beneath said marginal rim or bead, a pin-bar, a holding portion on said bar arranged between said rim or bead and said ring or collet, and means in separable  
110 spring contact with said bar to form a support for the pin-bar within said chamber, and adapted to be detached from said pin-bar when pressed into said chamber, substantially as and for the purposes set forth.  
120

6. In a badge, a shell having a marginal rim or bead, forming a chamber in the back thereof, a covering over said shell, having its edges turned down over said marginal rim or bead, a ring or collet beneath said marginal rim or bead, a pin-bar, a holding portion on said bar arranged between said rim or bead and said ring or collet, and an arm on said holding portion, at a right angle to said pin-bar, or approximately so, said arm and bar  
125 being arranged in separable spring contact and said arm forming a support for said pin-  
130



bar, and adapted to be detached from said pin-bar when pressed into said chamber, substantially as and for the purposes set forth.

7. In a badge, a shell having a marginal rim or bead, forming a chamber in the back thereof, a covering over said shell, having its edges turned down over said marginal rim or bead, a ring or collet beneath said marginal rim or bead, a pin-bar, a holding portion on said bar arranged between said rim or bead and said ring or collet, an arm on said holding portion, at a right angle to said pin-bar, or approximately so, said arm and bar being arranged in separable spring contact and said arm forming a support for said pin-bar, and adapted to be detached from said pin-bar when pressed into said chamber, and a tongue or jaw on the free end of said arm, substantially as and for the purposes set forth.

8. In a badge, a shell having a marginal rim or bead, forming a chamber in the back thereof, a covering over said shell, having its edges turned down over said marginal rim or bead, a ring or collet beneath said marginal rim or bead, a pin-bar, a holding portion on said bar arranged between said rim or bead and said ring or collet, an arm on said holding portion, at a right angle to said pin-bar, or approximately so, and adapted to be detached from said pin-bar when pressed into said chamber, and an upwardly and outwardly inclining tongue or jaw on the free end of said arm, substantially as and for the purposes set forth.

9. In a badge, a shell or casing having a marginal rim or bead forming an open cham-

ber in the back thereof, a pin-bar made from a continuous piece of wire bent to form holding portions adapted to be secured beneath said rim or bead and held thereby, a supporting-arm made integral with said holding portions and bent to lie in a plane above the plane of the rim or bead of the shell or casing and at right angles to said pin-bar, or approximately so, said arm lying beneath said pin-bar and in normal spring contact with said bar and forming a support for said pin-bar, and said arm, pin-bar and holding portions being adjustable with relation to said shell or casing, substantially as and for the purposes set forth.

10. In a badge, a shell or casing having a marginal rim or bead forming an open chamber in the back thereof, in combination, with a continuous piece of wire bent to form curved portions  $d^3$  and  $d^4$ , and holding portions  $d'$ ,  $d'$ , an arm  $d^5$ , and a pin-bar  $d$ , said holding portions being adapted to be secured beneath said rim or bead and held thereby, and said arm  $d^5$  forming a support for the pin-bar  $d$  which is in normal spring contact with said arm  $d^5$ , said arm, pin-bar and holding portions all being adjustable in relation to the shell or casing, 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 5th day of November, 1897.

ALMA H. ADAMS.

Witnesses:

FREDK. C. FRAENTZEL,  
GEORGE B. ADAMS.