

(No Model.)

G. B. ADAMS.  
BADGE PIN OR BUTTON.

No. 564,356.

Patented July 21, 1896.



FIG. 1

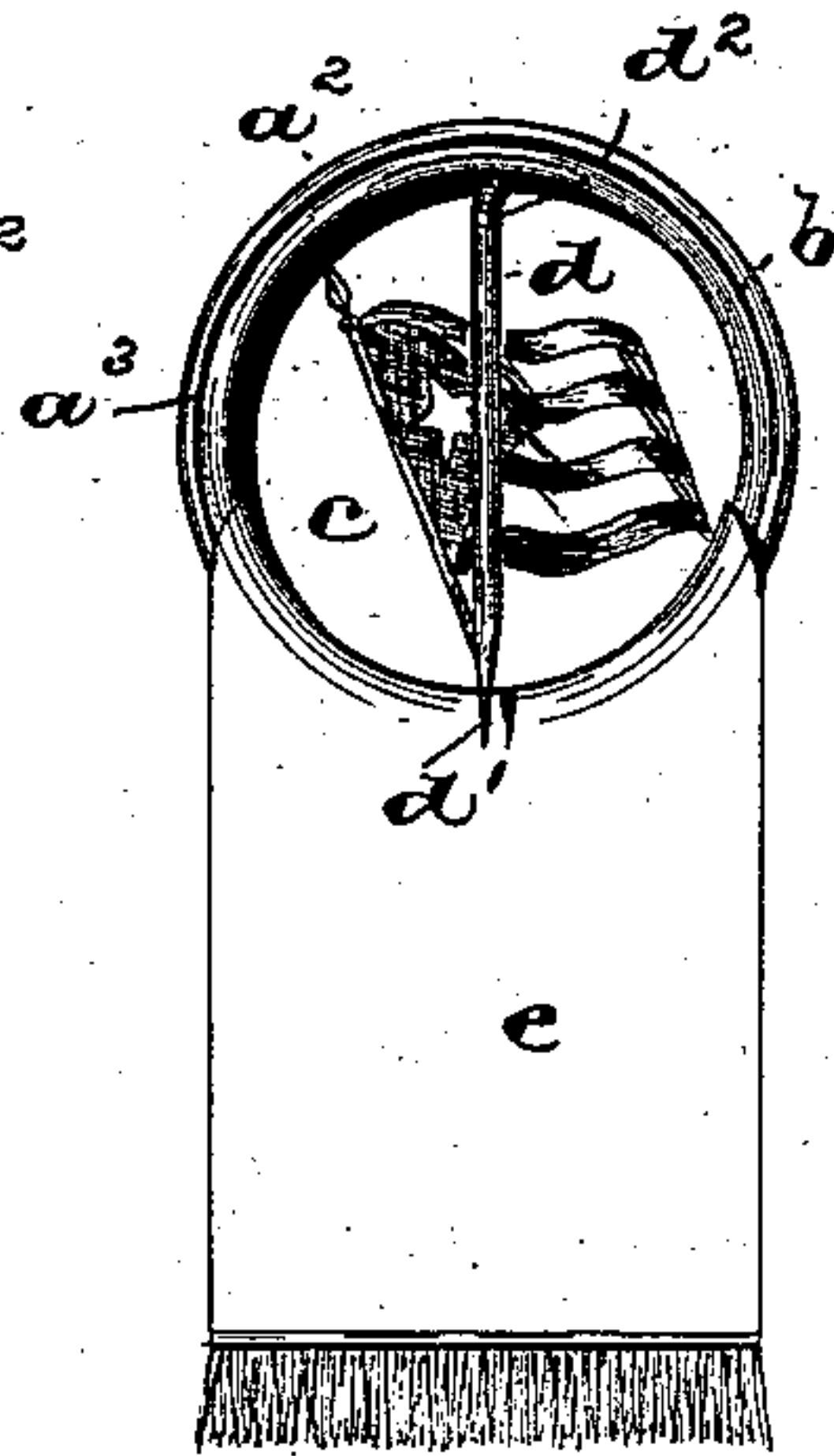


FIG. 2

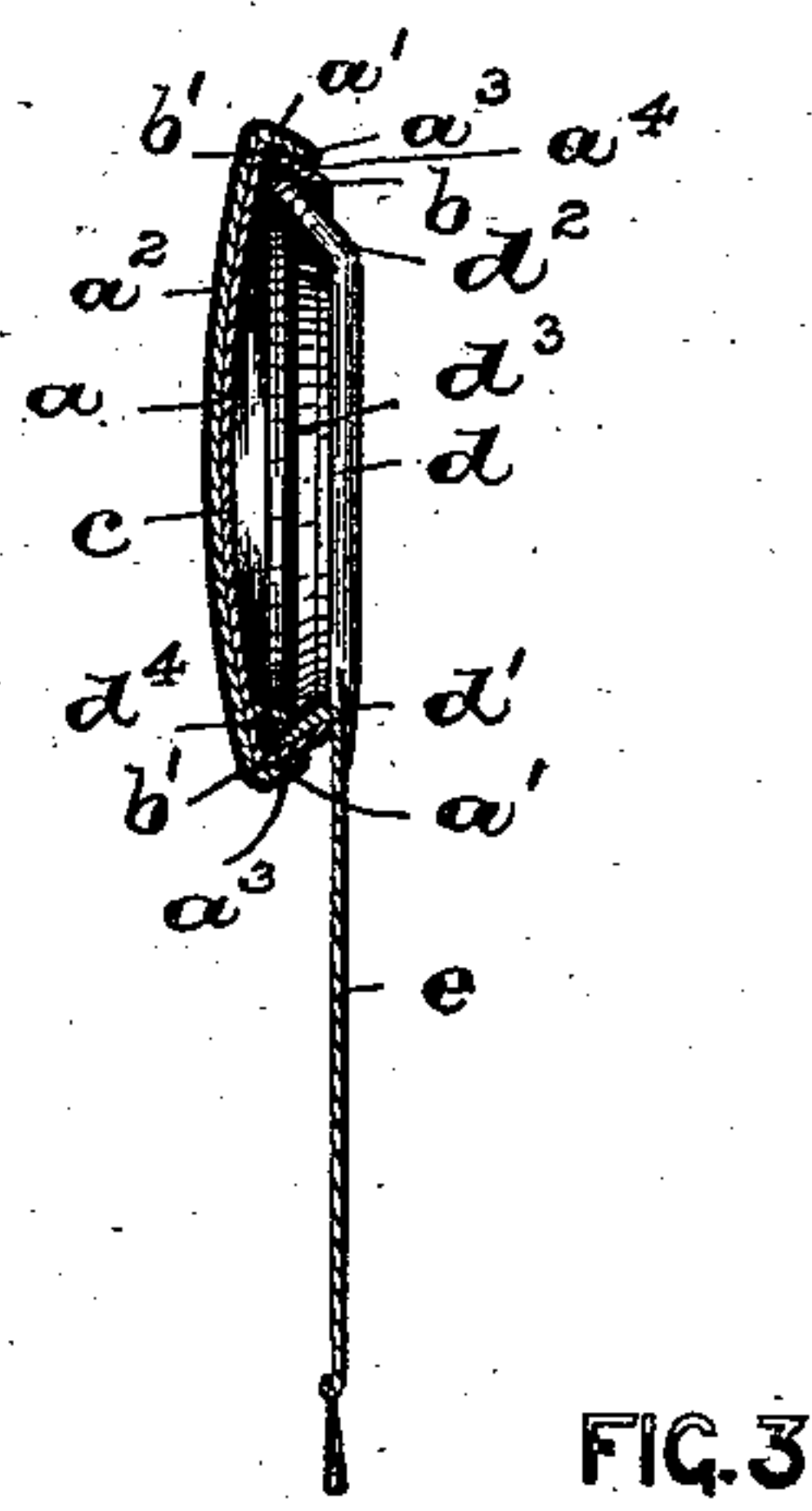


FIG. 3

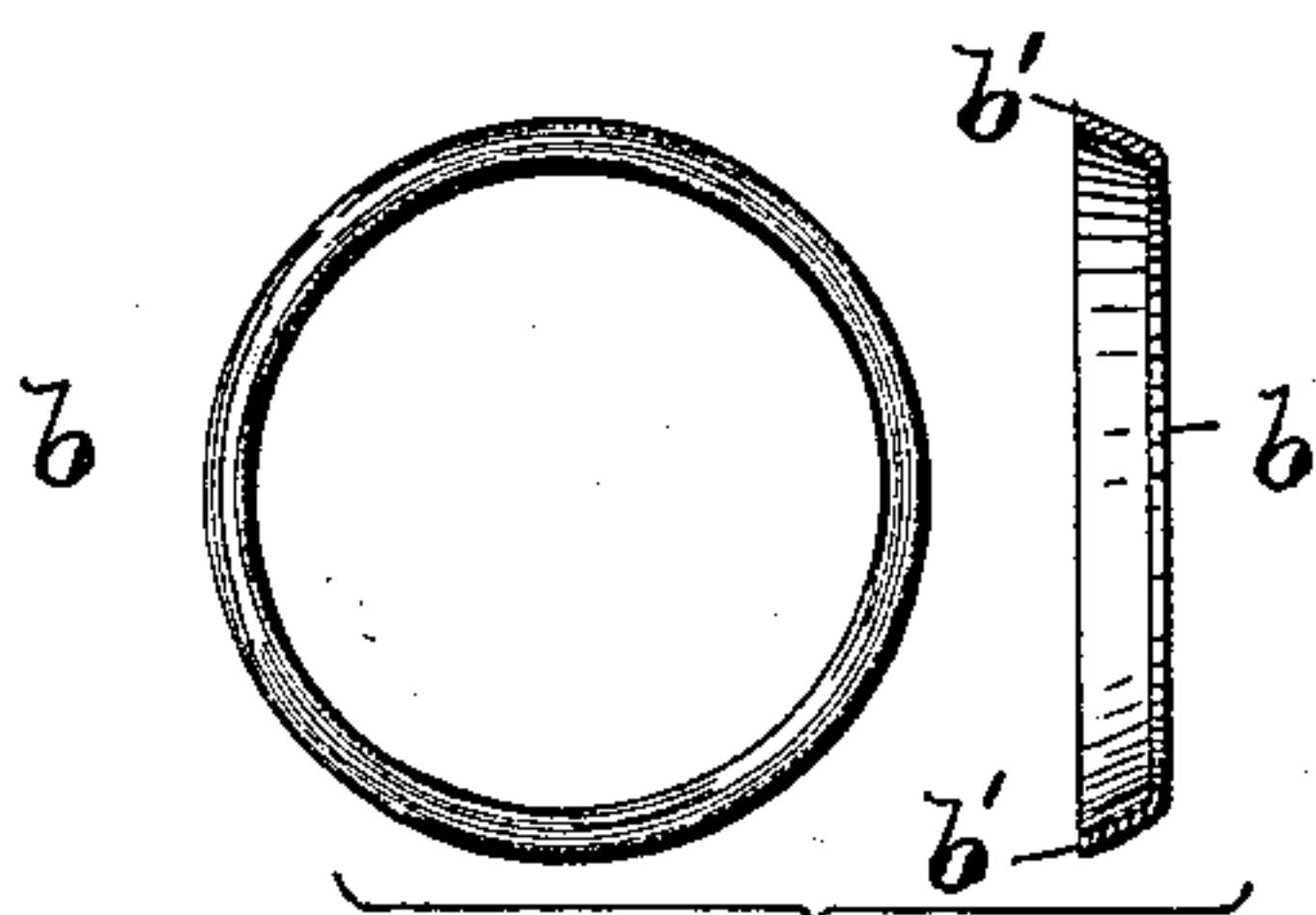


FIG. 4

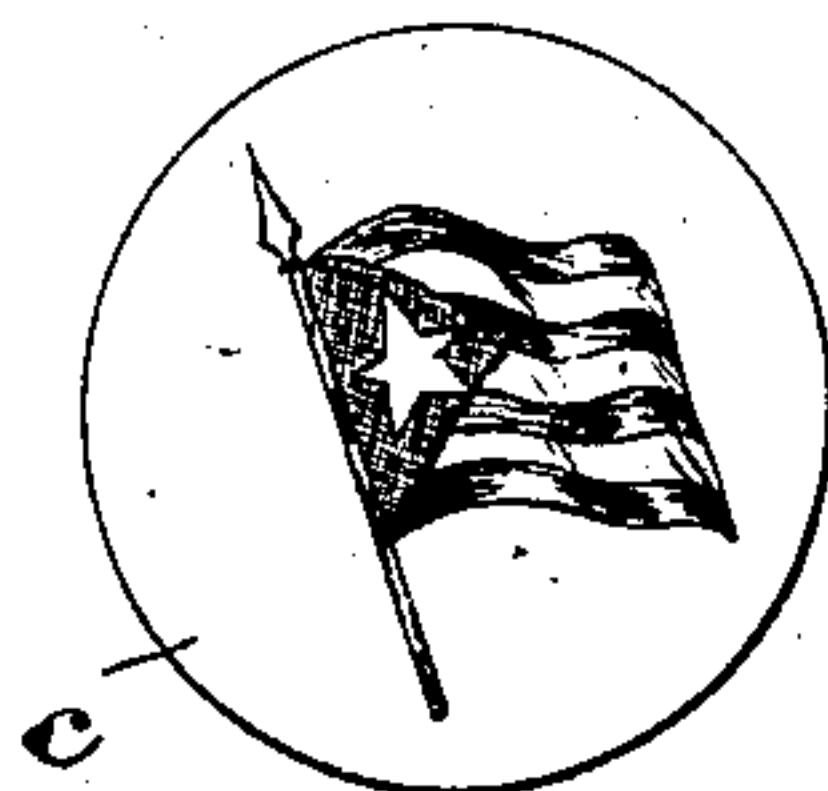


FIG. 5

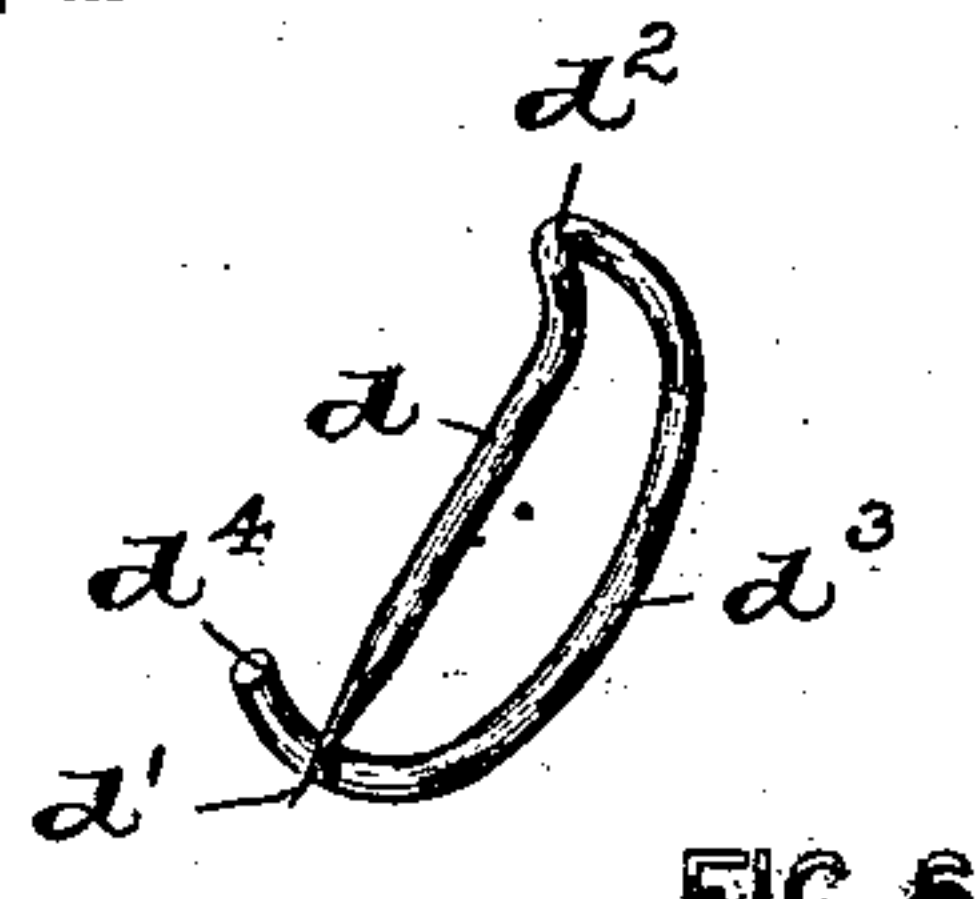


FIG. 6

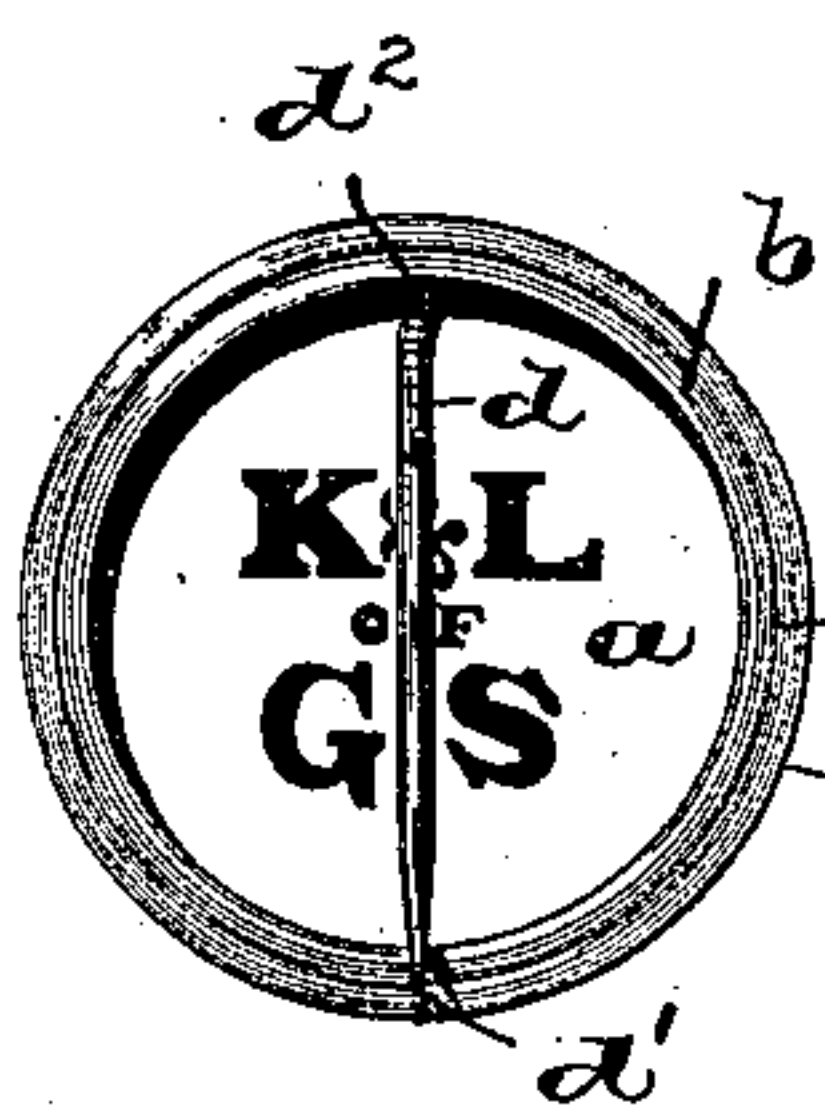


FIG. 7

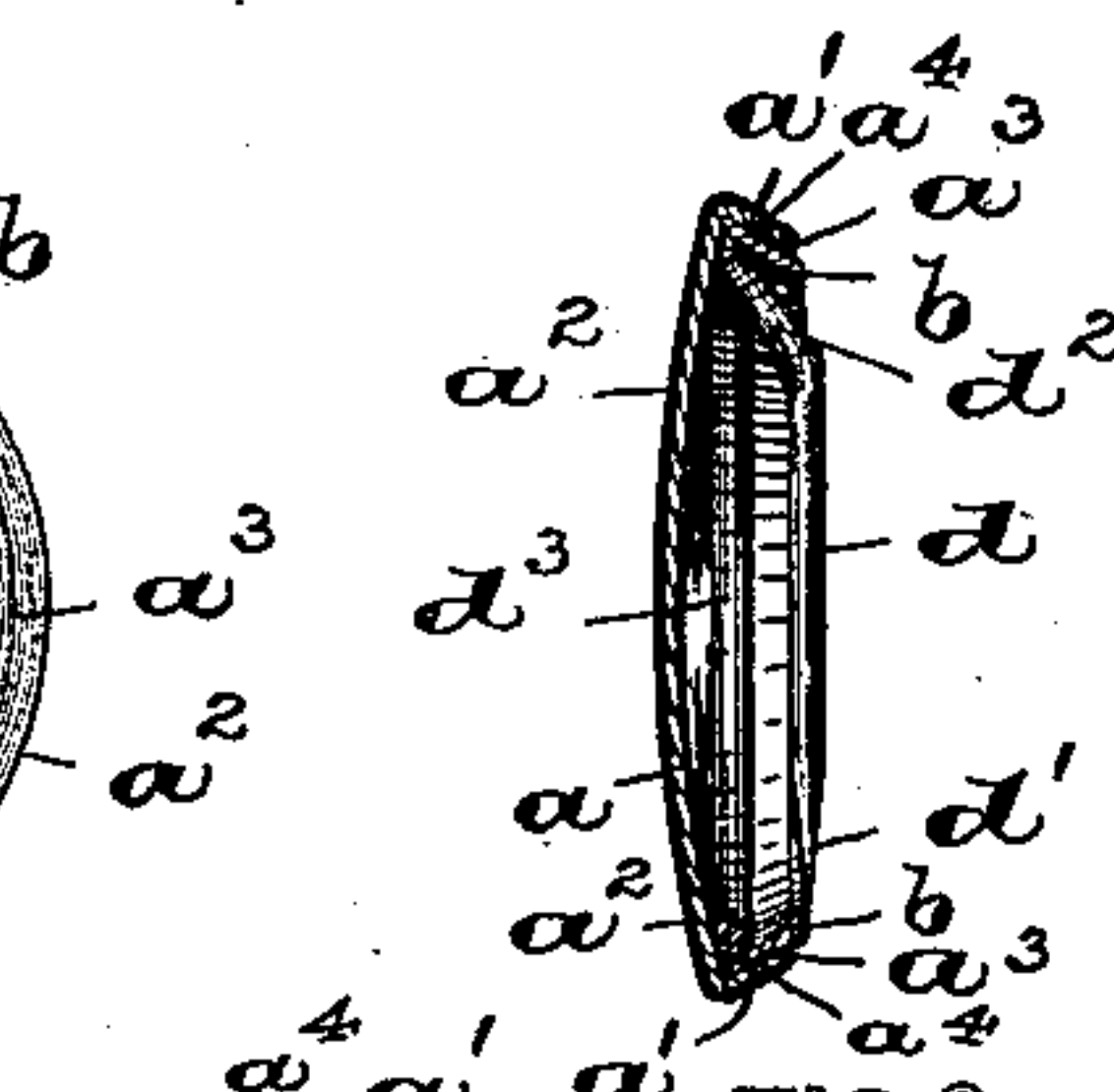


FIG. 8

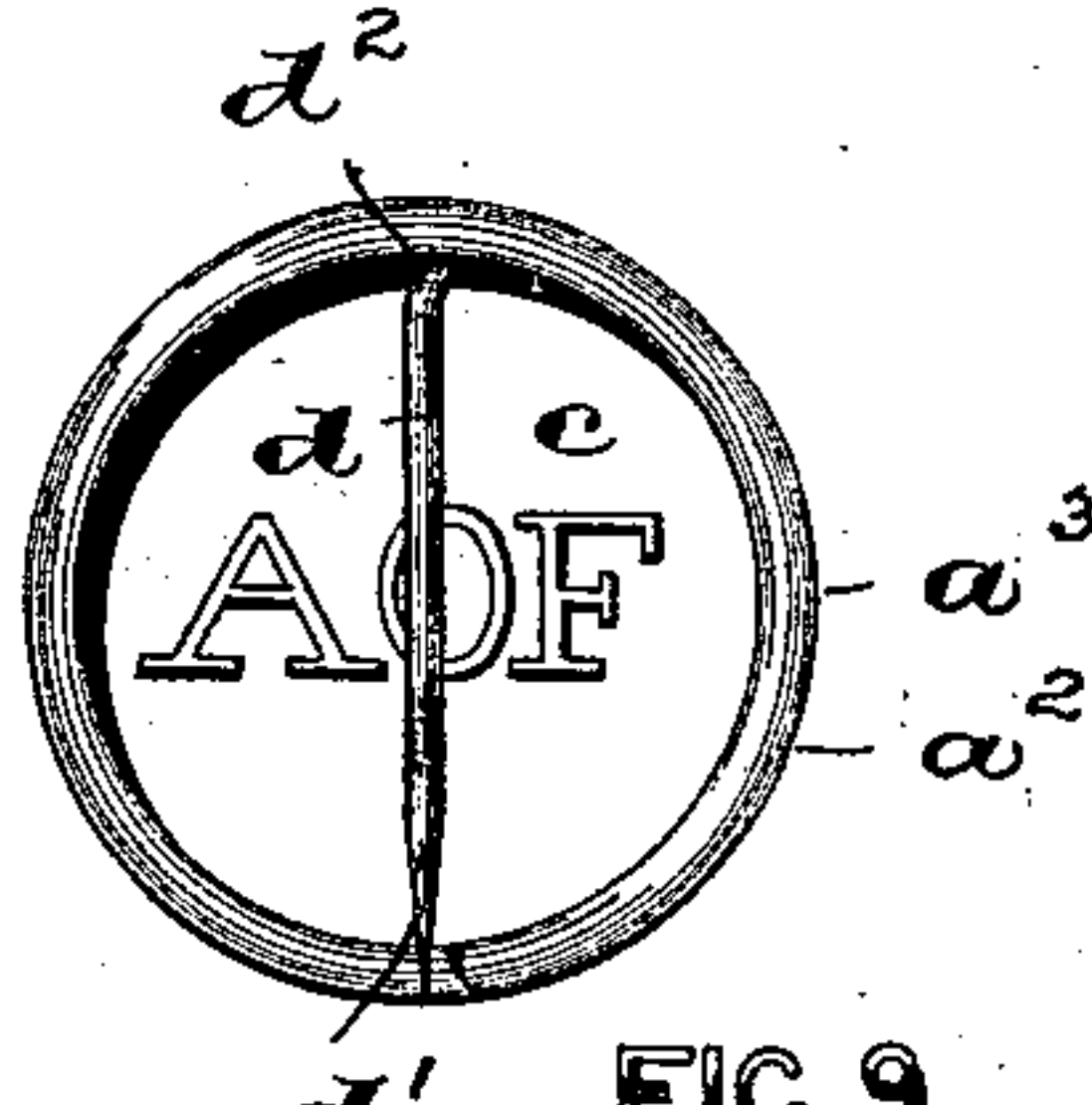


FIG. 9

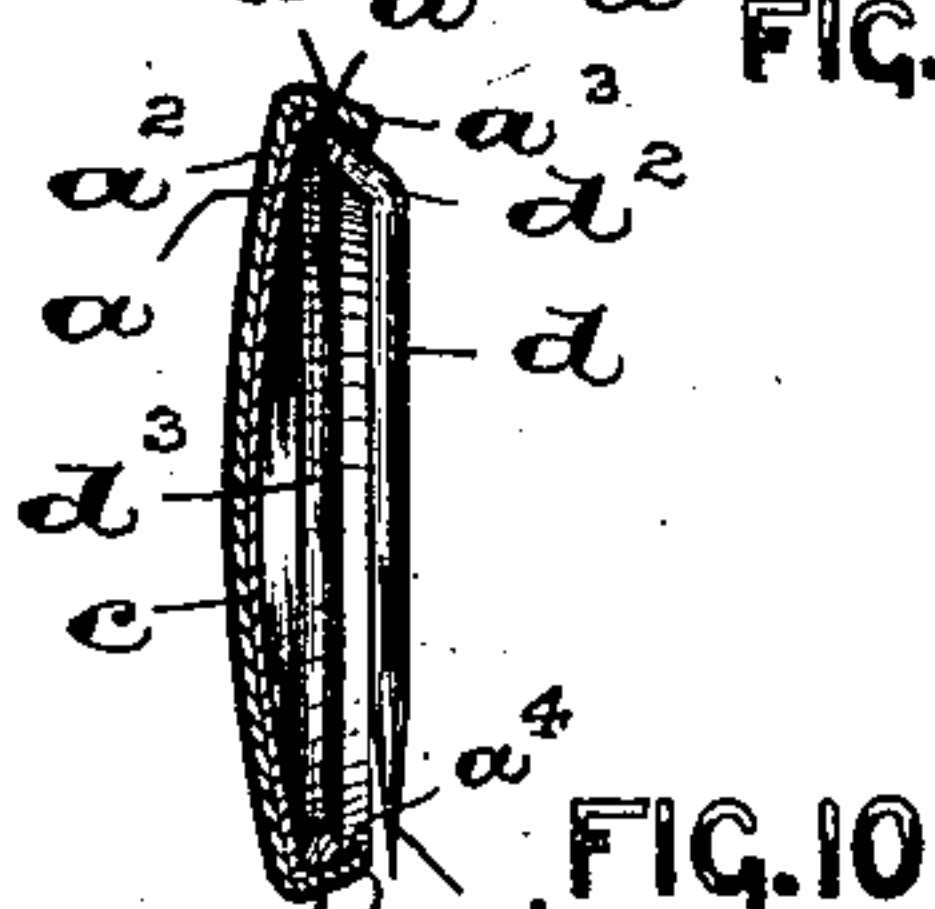


FIG. 10

WITNESSES:

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BY

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# UNITED STATES PATENT OFFICE.

GEORGE B. ADAMS, OF IRVINGTON, NEW JERSEY, ASSIGNOR TO THE  
WHITEHEAD & HOAG COMPANY, OF NEW JERSEY.

## BADGE PIN OR BUTTON.

SPECIFICATION forming part of Letters Patent No. 564,356, dated July 21, 1896.

Application filed March 28, 1896. Serial No. 585,204. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE B. 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 Badge Pins or Buttons; 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.

My present invention has reference to improvements in badges for use as lapel pins or buttons, or other like uses, and has for its primary object to provide a badge of this class having a novel means for connecting the ornamental shell or button to the bar or pin for securing the badge to the lapel of the coat.

A further object of the invention is to provide, in connection with the shell or button and its pin, a means for reinforcing the back of said shell or button and thereby producing greater strength and rigidity, and a still further object of this invention is to provide a badge-pin bearing an inscription, design, emblem, or the like, not only on the face thereof, but also on the back.

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

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

Figures 1 and 2 are a front view and back view, respectively, of a badge embodying the principles of my present invention; and Fig. 3 is a vertical cross-section of the same, illustrating the manner of securing the holding end of the pin or stem in the shell or button. Fig. 4 is a front view and vertical section of a reinforcing ring or collet to be used in connection with the badge-pin illustrated in Figs. 1, 2, and 3. Fig. 5 is a face view of a thin disk bearing an inscription, emblem, or design, adapted to be arranged in the back or chambered portion of the shell or button; and Fig. 6 is a perspective view of one form of pin provided with a holding means to secure said pin in position in the chambered portion of said shell or button without the

use of solder, screws, or pins. Figs. 7 and 8 are a back view and vertical section, respectively, of a modified form of construction of badge-pin; and Figs. 9 and 10 are similar views of still another modified form of construction of badge embodying the principles of my invention.

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

The essential features of my invention are a metallic or ornamental button-like portion *a*, of any desirable configuration in outline, and being provided with an inwardly-projecting marginal rim or bead *a'*. On the face of said button or shell may be arranged a flexible covering *a<sup>2</sup>*, which may be provided with any suitable inscription, design, emblem, or the like. The annular edge *a<sup>3</sup>* of said covering *a<sup>2</sup>*, as will be seen from Figs. 3, 8, and 10, is arranged over and underneath the said marginal rim or bead *a'*, where it is firmly held fast and pulled taut by a suitably-constructed reinforcing-ring *b*, made preferably as illustrated in Fig. 4, and is arranged and secured beneath said bead or rim *a'* during the process of striking up the shells or buttons *a* in a die.

As will be clearly seen from Fig. 3, I arrange in the chambered or recessed portion of said shell or button *a*, between the edge *b'* of the ring *b* and inner surface of said shell *a*, a suitable disk *c*, made either of celluloid, metal, or any other desirable material, on which has been produced an inscription, design, emblem, or the like, as clearly illustrated in Figs. 2 and 5 of the drawings; but of course it will be understood that said disk *c* may be dispensed with, and the design, emblem, inscription, or the like can be formed directly upon the inner face of the shell *a*, as clearly indicated in Figs. 7 and 8. The said ring *b* is preferably made as illustrated in the cross-section in Fig. 4, being of a small diameter at one side and larger at the other. This ring is arranged beneath the marginal rim *a'* of the button or shell *a*, so as to form a receiving portion for the holding portion of the pin or bar *d*. Said bar or pin is preferably made from a continuous piece of wire, of any desirable size and shape in cross-section, and is formed with the pointed end *d'*, the slightly upwardly and inwardly curved



part  $d^2$ , and then the semicircular curved part  $d^3$ , terminating in the free end portion  $d^4$ , substantially as illustrated in Fig. 6. Said curved portion  $d^3$  and the free end portion  $d^4$  are easily arranged in said ring  $b'$  in the chambered portion of the shell  $a$ , as clearly shown in Figs. 2 and 3, during the process of the manufacture of the badge pin or button, in any well-known manner, or the said holding portions of the pin  $d$  can be directly sprung into position in said ring  $b$ , as will be clearly evident. Between the inner portion of said ring  $b$  and the holding portion  $d^3$  of the pin  $d$  I can arrange the end of a ribbon badge  $e$ , which may be provided with a suitable inscription, emblem, design, or the like; but said ribbon can be entirely dispensed with and the badge employed in the manner of an ordinary stick-pin to be fastened to the garment of the wearer.

Of course it will be understood that the holding portion  $d^3$  of the pin may not be made semicircular, but may be irregularly made, thereby producing certain holding-points which are arranged in the chambered portion of the shell  $a$  in the manner hereinabove described.

In some cases I may dispense entirely with the ring  $b$  and arrange the holding portion of the pin  $d$  directly underneath the marginal rim or bead  $a'$  of the shell  $a$ , as clearly indicated in Figs. 9 and 10; but I prefer to use the ring  $b$ , as it adds greatly to the rigidity of the face of the button or shell, which is usually made from very thin metal, and thus prevents the cracking or indentation of the shell, especially during the process of manufacture, and it causes the flexible covering  $a^2$  to be drawn taut over the face of the shell or button, preventing the puckering thereof, and it also acts as a covering to the edge  $a^4$  of said material  $a^2$ , thereby producing a well-finished appearance on the back as well as the front of the badge.

By the arrangement of the disk  $c$  in the chambered portion of said shell or button  $a$  the pin can also be used as an advertising medium, as will be clearly evident.

It will be understood that the pin  $d$  may be made any desired length, and by my novel arrangement and combination of parts they can be quickly put together at a minimum expense to the manufacturer and with a great saving of time and labor; and, furthermore, owing to the peculiar relative position of the pin  $d$  to the back of the shell or button  $a$ , when the badge is secured to the garment, it lies closely against the latter, and produces a neater appearance than the construction of badges as now generally used.

Having thus described my invention, what I claim is—

1. In a badge pin or button, in combination, with a shell having a marginal rim or bead, a covering bearing an inscription, design, emblem, or the like, over said shell and having its edges turned down over said mar-

ginal rim, a ring or collet in said shell placed over the edge of said covering to hold or secure the latter in position, and a bar or pin having one of its ends bent to form a holding portion adapted to be secured in said ring or collet, substantially as and for the purposes set forth.

2. In a badge pin or button, in combination, with a shell having a marginal rim or bead, a covering bearing an inscription, design, emblem, or the like, over said shell and having its edges turned down over said marginal rim, a ring or collet in said shell placed over the edge of said covering to hold or secure the latter in position, and a bar or pin having one of its ends bent to form a holding portion adapted to be secured in said ring or collet, and a disk in said shell having an inscription, design, emblem, or the like, substantially as and for the purposes set forth.

3. A shell or casing having a marginal rim or bead  $a'$  forming a chamber in the back thereof, in combination, with a ring or collet arranged beneath said bead or rim, and a pin or stem  $d$  made from a continuous piece of wire, formed at one end with a holding portion, as  $d^3$ , adapted to be secured in said ring or collet, substantially as and for the purposes set forth.

4. A shell or casing having a marginal rim or bead  $a'$  forming a chamber in the back thereof, in combination, with a ring or collet arranged beneath said bead or rim, a pin or stem  $d$  made from a continuous piece of wire, formed at one end with a holding portion, as  $d^3$ , adapted to be secured in said ring or collet, and a disk  $c$  in said chambered part, bearing an inscription, design, emblem, or the like, substantially as and for the purposes set forth.

5. A shell or casing having a marginal rim or bead  $a'$  forming a chamber in the back thereof, in combination, with a ring or collet arranged beneath said bead or rim, a pin or stem  $d$  made from a continuous piece of wire, formed at one end with a holding portion, as  $d^3$ , adapted to be secured in said ring or collet, and a ribbon, as  $e$ , all arranged, substantially as and for the purposes set forth.

6. A shell or casing having a marginal rim or bead  $a'$  forming a chamber in the back thereof, in combination, with a ring or collet arranged beneath said bead or rim, a pin or stem  $d$  made from a continuous piece of wire, formed at one end with a holding portion, as  $d^3$ , adapted to be secured in said ring or collet, a disk in said chambered part, bearing an inscription, design, emblem, or the like, and a ribbon, as  $e$ , all arranged, 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 27th day of March, 1896.

GEORGE B. ADAMS.

Witnesses:

FREDK. C. FRAENTZEL,  
WM. H. CAMFIELD, Jr.