No. 630,579. Patented Aug. 8, 1899.

A. H. & G. B. ADAMS.

BADGE.

(Application filed May 26, 1899.)

(No Model.)

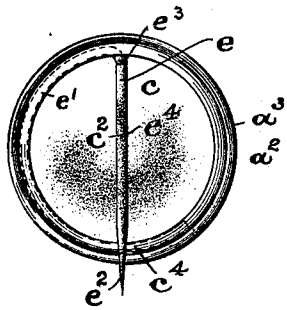


FIG. 1

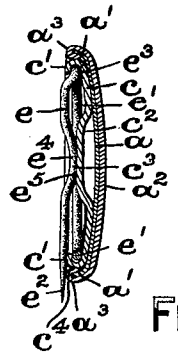


FIG. 2

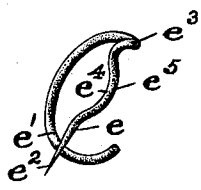


FIG. 3

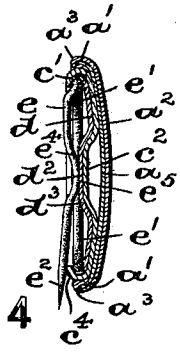


FIG. 4

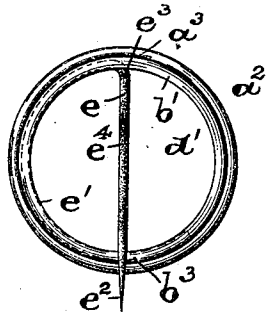


FIG. 5

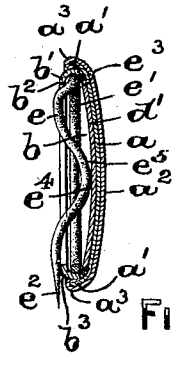


FIG. 6

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BADGE.

SPECIFICATION forming part of Letters Patent No. 630,579, dated August 8, 1899.

Application filed May 26, 1899. Serial No. 718,319. (No model.)

To all whom it may concern:

Be it known that we, ALMA H. ADAMS and GEORGE B. ADAMS, citizens 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 we 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 badge-pins; and the invention has for its primary object to provide a novel construction of badge-pin and also a novel construction of badge, comprising a shell or button-like portion formed with a chamber in the back thereof, 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, and said pin-bar being so constructed and arranged that a portion of its main body extends into said chamber and is in normal spring-contact with the inner face of said shell or with the face of a disk which may be arranged in said chambered back, whereby when the pin-bar is forced into a garment the badge will be retained in its proper position to prevent turning and accidental displacement of the badge from the garment.

The invention therefore consists in the novel construction of badge-pin and badge hereinafter fully set forth and also in such novel arrangements and combinations of parts, all of which will be described in detail in the accompanying drawings and finally embodied in the clauses of the claim, which form a part of this specification.

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

Figure 1 is a back view of a badge embodying the principles of this invention. Fig. 2 is a vertical cross-section of the same, and Fig. 3 is a perspective view of the pin-bar forming part of our invention. Fig. 4 is a vertical cross-section of a badge of a slightly-modified form of construction, but still embodying the leading features of our invention; and Figs. 5 and 6 are a back view and a vertical cross-section, respectively, of still another modified construction of badge made according to our present invention.

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, hereinafter to be termed the "outer" shell, is preferably covered with a flexible covering a^2, of celluloid or other suitable material, which may be provided with any suitable inscription, design, emblem, or other device, as will be clearly evident. The annular edge a^3 of said flexible covering is arranged over and underneath the said marginal rim or bead a' of the outer shell a, where it is firmly held in place and pulled taut by means of the annular edge or bead c' of an inner shell c, as clearly indicated in Figs. 1, 2, and 4, or by means of the inwardly-extending annular rim or edge b' of a ring or collet b, as illustrated in Figs. 5 and 6. As shown in said Figs. 2, 4, and 6, the annular bead or edge c' of the inner shell, as well as the annular rim or edge b', is arranged directly beneath the said marginal rim or bead a' of the outer shell a, and, if desired, a suitable disk d may be employed with the shell c, as indicated in said Fig. 4, or a disk d' may be arranged within the opening formed by the ring or collet b and secured by means of the same against the inner surface of the shell a, as will be clearly seen from an inspection of Fig. 6. As clearly represented in Figs. 1, 2, and 4, the said inner shell c has a rearwardly and preferably centrally arranged protuberance c^2, and in the construction illustrated in said Fig. 4 the said disk d is provided with a correspondingly-arranged protuberance d^2, which fits directly over the protuberance c^2, substantially as illustrated.

Arranged within the chambered portion of the outer shell a and held therein by the annular rim or bead c' of the inner shell c, as in Figs. 2 and 4, or held therein by the rim or edge b' of the ring or collet b is the bent or curved holding portion e' of a pin-bar e. Said pin-bar is made from a continuous piece of wire of any desirable size and shape in cross-

section, and it is provided with a pin-point e^2 at one end and an inwardly-curved part e^3, which is connected with said holding portion e', said portion e' being arranged in the chambered part of the outer shell a and held therein, as hereinabove stated, with the main body portion of the pin-bar e arranged slightly above the plane passing through the extreme edges of the annular bead of the shell c or the part b^2 of the ring or collet b. As clearly indicated in the several figures of the drawings, the main body portion of said pin-bar e is formed with a curved or bent part e^4, which is made to lie in a plane at right angles to the plane of the holding portion e', extending into the chambered part of the shell, and having its curved edge e^5 in spring-contact and in frictional holding engagement either with the surface c^3 of the protuberance c^2, as in Fig. 2, or with the surface d^3 of the protuberance d^2 of the disk d, as in Fig. 4, or it may be in direct contact with the surface of the disk d', as indicated in Fig. 6. This arrangement of the main body portion of the pin-bar e permits the ready insertion of the pin-bar into the garment to affix the badge in the desired position, the said curved or bent part e^4 of the pin-bar preventing the accidental withdrawal of the badge from the garment, as will be readily understood, the said bent portion e^4 and the protuberance on either the shell c or the disk d acting as a clamping or holding means which will thoroughly embed itself in the fabric without the least danger of tearing the goods when removing the badge.

The construction and arrangement of the several parts illustrated in Figs. 1 to 4, inclusive, are the preferred form, since by the arrangement of the rearwardly-extending protuberance a smaller bend d^4 in the pin-bar e will be required; but of course it will be evident that the pin-bar e can be just as readily made, as indicated in Fig. 6, except that the larger bend e^4 will be found necessary.

The pin-bar e may be of any desired length, but is preferably made as indicated in the several figures of the drawings.

The pin-bars e being made with the inwardly-curved parts e^4 will cause the badge when arranged upon the garment to lie closer upon the surface of the garment, owing to the fact that the curved part e^4 will force the material directly into the chambered part of the badge-button and cause the material also to be brought into firm holding contact with the annular edge c^4 of the shell c or with the edge b^3 of the ring or collet b, thereby preventing any turning of the badge upon the garment when in position upon the material.

Having thus described our invention, what we claim is—

1. In a badge, a shell having a marginal rim or bead, said shell and bead forming a chamber at the back of said shell, and a pin-bar having holding portions arranged beneath said marginal rim or bead, and said pin-bar having a part of its main body portion in separable spring-contact and holding engagement with a portion of the inner surface of said shell, substantially as and for the purposes set forth.

2. In a badge, a shell having a marginal rim or bead, said shell and bead forming a chamber at the back of said shell, and a pin-bar having holding portions arranged beneath said marginal rim or bead, and an inwardly-bent portion forming part of the main body of said pin-bar, arranged to extend down into said chamber and said bent portion being in separable spring-contact and holding engagement with a portion of the inner surface of said shell, substantially as and for the purposes set forth.

3. In a badge, an outer shell having a marginal rim or bead, said shell and bead forming a chamber at the back of said shell, an inner shell in said chamber and a rearwardly-extending enlargement or protuberance on said inner shell, and a pin-bar arranged in said inner shell, having its main body portion in separable spring-contact and holding engagement with said enlargement or protuberance, substantially as and for the purposes set forth.

4. In a badge, an outer shell having a marginal rim or bead, said shell and bead forming a chamber at the back of said shell, an inner shell in said chamber and a rearwardly-extending enlargement or protuberance on said inner shell, and a pin-bar having holding portions arranged in said inner shell, and an inwardly-bent portion forming part of the main body of said pin-bar, arranged to extend down into said chamber and said bent portion being in separable spring-contact and holding engagement with said enlargement or protuberance, substantially as and for the purposes set forth.

5. In a badge, a shell having a marginal rim or bead, said shell and bead forming a chamber at the back of said shell, a disk in said chamber, means for holding said disk in said chamber, and a pin-bar in said chambered portion of said shell, said pin-bar having a part of its main body portion in separable spring-contact and holding engagement with a portion of the face of said disk, substantially as and for the purposes set forth.

6. In a badge, a shell having a marginal rim or bead, said shell and bead forming a chamber at the back of said shell, a disk in said chamber, means for holding said disk in said chamber, and a pin-bar having holding portions arranged beneath said marginal rim or bead, and an inwardly-bent portion forming a part of the main body of said pin-bar, arranged to extend down into said chamber and said bent portion being in separable spring-contact and in holding engagement with a portion of the face of said disk, substantially as and for the purposes set forth.

7. In a badge, an outer shell having a marginal rim or bead, said shell and bead forming a chamber at the back of said shell, an

inner shell in said chamber and a rearwardly-extending enlargement or protuberance on said inner shell, a disk in said inner shell, means for holding said disk in said chamber, and an enlargement or protuberance in said disk arranged over the enlargement or protuberance of said inner shell, and a pin-bar arranged in said second shell, having its main body portion in separable spring-contact and holding engagement with said enlargement or protuberance in said disk, substantially as and for the purposes set forth.

8. In a badge, an outer shell having a marginal rim or bead, said shell and bead forming a chamber at the back of said shell, an inner shell in said chamber and a rearwardly-extending enlargement or protuberance on said inner shell, a disk in said inner shell, means for holding said disk in said chamber, and an enlargement or protuberance in said disk arranged over the enlargement or protuberance of said inner shell, and a pin-bar having holding portions arranged in said second shell, and an inwardly-bent portion forming a part of the main body of said pin-bar, arranged to extend down into said chamber and said bent portion being in separable spring-contact and holding engagement with said enlargement or protuberance in said disk, substantially as and for the purposes set forth.

9. In a badge, a shell having a marginal rim or bead, said shell and bead forming an open chamber at the back, the opening of said chamber being bounded by the continuous edge of said rim or bead, and a pin made from a continuous piece of wire, bent at one end to form a holding portion, said holding portion being arranged beneath said marginal rim or bead, said wire being bent at the other end to form a pin-bar, and said pin-bar having a bent portion arranged in a plane at right angles to the plane of said holding portion, and constructed to extend in a direction toward the plane of said holding portion and into said chamber in said shell, and operating to press the material of the garment into said opening of the chamber and in holding engagement with that edge of said rim or bead which surrounds said opening, substantially as and for the purposes set forth.

10. In a badge, a shell having a marginal rim or bead, said shell and bead forming a chamber at the back of said shell, a covering over said shell, having its edges turned down over said marginal rim or bead, and a pin-bar having holding portions arranged beneath said marginal rim or bead, and said pin-bar having a part of its main body portion in separable spring-contact and holding engagement with a portion of the inner surface of said shell, substantially as and for the purposes set forth.

11. In a badge, a shell having a marginal rim or bead, said shell and bead forming a chamber at the back of said shell, a covering over said shell, having its edges turned down over said marginal rim or bead, and a pin-bar having holding portions arranged beneath said marginal rim or bead, and an inwardly-bent portion forming a part of the main body of said pin-bar, arranged to extend down into said chamber and said bent portion being in separable spring-contact and holding engagement with a portion of the inner surface of said shell, substantially as and for the purposes set forth.

12. In a badge, an outer shell having a marginal rim or bead, said shell and bead forming a chamber at the back of said shell, a covering over said shell, having its edges turned down over said marginal rim or bead, an inner shell in said chamber and a rearwardly-extending enlargement or protuberance on said shell, and a pin-bar arranged in said inner shell, having its main body portion in separable spring-contact and holding engagement with said enlargement or protuberance, substantially as and for the purposes set forth.

13. In a badge, an outer shell having a marginal rim or bead, said shell and bead forming a chamber at the back of said shell, a covering over said shell, having its edges turned down over said marginal rim or bead, an inner shell in said chamber and a rearwardly-extending enlargement or protuberance on said inner shell, and a pin-bar having holding portions arranged in said inner shell, and an inwardly-bent portion forming part of the main body of said pin-bar arranged to extend down into said chamber and said bent portion being in separable spring-contact and holding engagement with said enlargement or protuberance, substantially as and for the purposes set forth.

14. In a badge, a shell having a marginal rim or bead, said shell and bead forming an open chamber at the back, and a pin made from a continuous piece of wire, bent at one end to form a holding portion, said holding portion being arranged beneath said rim or bead, said wire being bent at the other end to form a pin-bar, said pin-bar having a bent portion arranged in a plane at right angles to the plane of said holding portion, and constructed to extend in a direction toward the plane of said holding portion and into said chamber of said shell, and said bent portion lying in a plane below the plane of the rim or bead of said shell and operating to press the material of the garment into said chamber and in holding engagement with the edge of said rim or bead, substantially as and for the purposes set forth.

In testimony that we claim the invention set forth above we have hereunto set our hands this 23d day of May, 1899.

ALMA H. ADAMS.
GEORGE B. ADAMS.

Witnesses:
FREDK. C. FRAENTZEL,
WALTER H. TALMAGE.