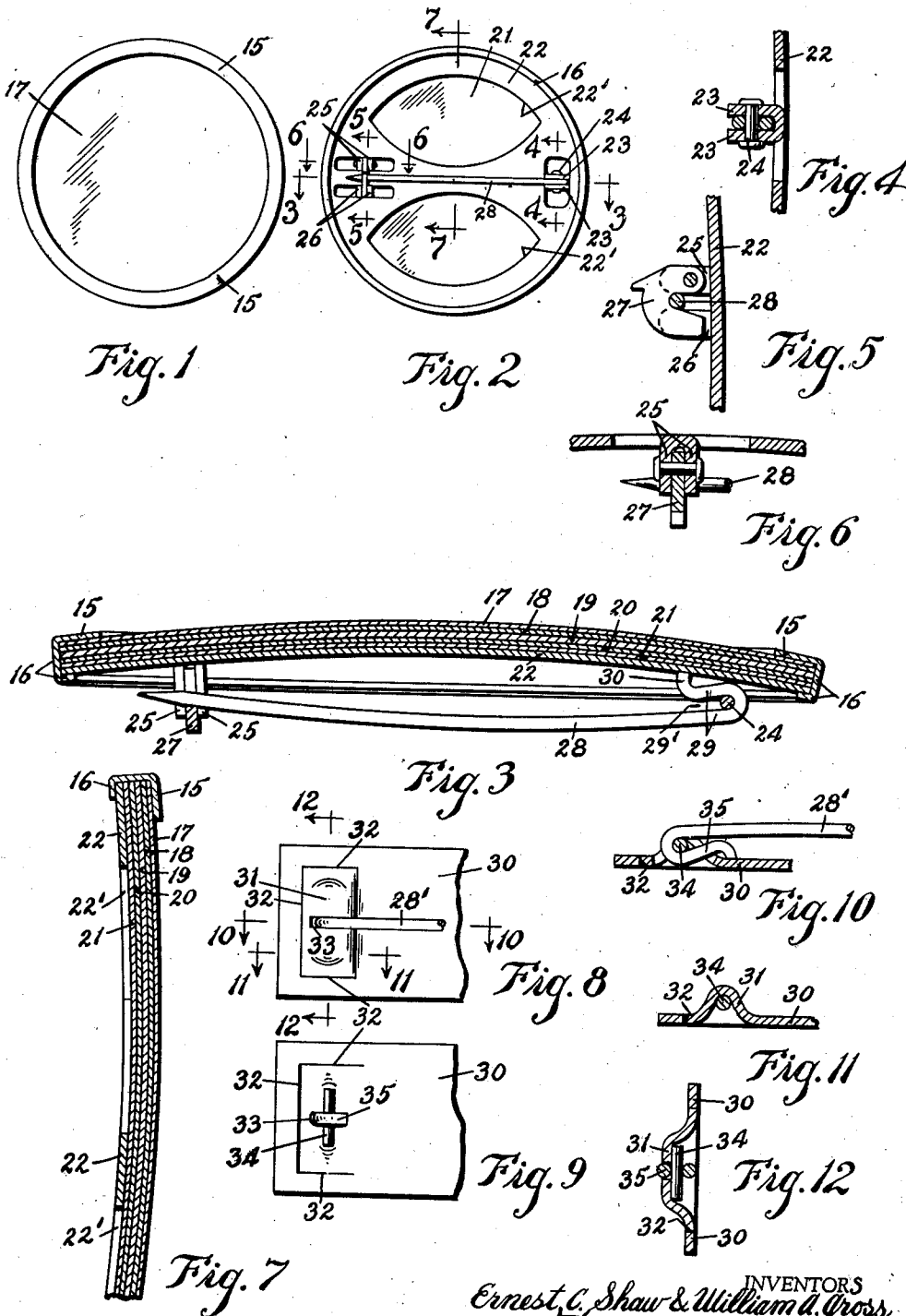


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E. C. SHAW ET AL
BADGE HOLDING MEANS

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INVENTORS
Ernest C. Shaw & William A. Gross
BY *W. D. Zimmerman*

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BADGE HOLDING MEANS

Ernest C. Shaw and William A. Gross,
Los Angeles, Calif.

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Our invention relates to badge holding means, and more particularly to the general construction of a badge or button, such as is used for identification and other purposes, and to the manner of attaching a holding pin thereto and for locking the free or sharp end of said pin.

Among the salient objects of our invention is to provide a badge or button for identification and other purposes which is of convexed form, whereby the identifying picture or other matter in the front of said badge or button is more prominently and clearly displayed, with improved backing members for holding such picture or other matter firmly in place; to provide an improved holding pin therefor, with improved means of attaching the hinge end thereof and for latching or locking the free or sharp end of said pin when said badge or button is placed on the garment of the person to whom it belongs; to provide a holding pin of the character referred to which can be easily detached and replaced if for any reason that is necessary; to provide in connection with the back of such badge or button improved means for receiving and displaying one or more fingerprints of such person; and, in general, to provide certain improved features of construction and arrangement whereby an improved, practical, and durable badge or button for identification or other purposes is made, with means for easily replacing the pin on the back of said badge or button, should it become damaged in any manner.

In order to further explain our invention, we have shown the same on the accompanying sheet of drawings, which we will now describe. In the drawing:

Figure 1 is a face or front view of a badge embodying our invention;

Figure 2 is a back view thereof;

Figure 3 is an enlarged, sectional view taken on the line 3—3 of Fig. 2;

Figure 4 is a detail sectional view taken on line 4—4 of Fig. 2;

Figure 5 is a similar view taken on line 5—5 of Fig. 2;

Figure 6 is a similar view taken on line 6—6 of Fig. 2;

Figure 7 is an enlarged sectional view taken on the line 7—7, of Fig. 2, for a portion of the diameter thereof only;

Figure 8 is a detailed, fragmentary view showing a modified means for hingedly attaching the holding pin to a back member;

Figure 9 is a similar view of the under or inner side thereof;

Figures 10 is a sectional view taken on line 10—10 of Fig. 8;

Figure 11 is a sectional view taken on line 11—11, Fig. 8; and

Figure 12 is a sectional view taken on line 12—12, Fig. 8.

Referring now more in detail to the drawing, our invention as here illustrated for explanatory purposes consists of an outer frame element 15, of metal, having the open center and adapted to have its edge crimped or folded over the filling elements therein, as seen at 16, Figs. 3 and 7. Placed in this open center is a thin transparent element 17 of any suitable material, and back of this is placed the picture of the person identified, or other identifying member, designated 18, and back of this is placed a thin metal disc of convexed form, designated 19, which gives bulge or rounded effect to the picture or identifying member 18. Placed in the back of this metal disc is another paper or other suitable disc adapted to receive thereon the fingerprints of the person designated. This finger print disc is designated 20, and over it is placed another transparent disc or member which protects it, while making it clearly visible. This transparent member is designated 21, and over this fingerprint disc and its transparent disc is placed a metal backing member 22, having stamped out openings 22', 22' of somewhat oval form, and through which the fingerprints can be seen at all times, and without any adjustments of the parts.

Said backing member 22, at opposite sides, has stamped out two little wing-like portions, 23, 23, which are folded up together, U-shape in cross section, as seen in Fig. 4, to form the hinge part of the backing member. These wing-like portions are also punched in the process to receive the hinge pin 24, as clearly illustrated.

At the other side of said backing member 22, two pairs of stamped-out wing-like portions, 25, 25, and 26, 26, which are also folded up into U-shaped forms, as seen clearly in Figs. 2, 5 and 6. Between the members 25, 25, is pivotally secured a C-shaped latch element 27, as seen in the sectional view, Fig. 5, the end of which folds over between the wing-like portions 26, 26, as clearly indicated in said drawing, said latch element 27, being adapted to be turned over the end of the holding pin, designated 28.

This holding pin is provided at its hinged end with a return or U-shaped bend, designated 29, with its end turned to an angle, as at 30, to bear upon the backing member 22, while the opposite end of said pin is made sharp, as indicated, and

is adapted to be positioned between the two pairs of members 25 and 26, as shown and held in place by the C-shaped latch element, in a known manner.

By making the hinge end of said pin as shown, it will be seen that it can be pulled over the hinge pin 24, into its regular or normal position, and that it can be as easily removed with a little pressure to overcome the restricted opening at 29', thus making it comparatively easy to replace the pin in case it is damaged in any way.

In Figs. 8 to 12 inclusive, we have shown a slightly modified structure for the hinge end of the pin. The backing member, here designated 30, has struck up therein, a bulge element 31, the ends and one side thereof being cut through, as at 32, 32, said bulge element also having stamped out of its middle part a slot, designated 33, through which the bent end of the holding pin can be inserted, to receive on the inside of said bulge element a hinge or confining pin 34, as will be understood from the several figures.

In order to remove and replace the holding pin, designated 28' in this embodiment of the invention, it is necessary to pry up the cut edge 32 of said bulge element 31, sufficiently to remove the hinge pin 34, and then after placing a new holding pin, said hinge pin can be replaced and the free edge of said bulge element can be struck down again into its normal position. The hinge end of said holding pin 28' is also bent upon itself, as at 35, Fig. 10, similar to the holding pin 23 in Fig. 3, as will be clear from the showing. The backing member 30, Figs. 8 and 9, can be of any desired form and secured in place in any desired manner.

Thus we have provided a most practical and durable badge or button of convexed or rounded form, with an improved holding pin therefor, with latch or locking means therefor to prevent accidental removal or loss. We have also provided simple means for replacing the holding pin, if it should be broken, or damaged so as to make it desirable to provide a new one.

We do not limit our invention to the details of

construction and arrangement here shown for illustrative purposes, except as we may be limited by the hereto appended claims.

We claim:

1. An identification badge or button of convexed form, including a rim to receive an identification member therein, a transparent protective member in said rim over the front of said identification member, a convexed element at the back of said identification member to give convexed form thereto through said rim, a print-receiving element in the back of said badge to receive a fingerprint, a backing member over said element with an opening therethrough to show said fingerprint, and a holding pin hingedly connected with the back of said badge, and latch means for holding the free, sharp end of said pin.

2. An identification badge of convexed form including a rim adapted to have its rearward edge turned in to confine the members therein, an identification member in said rim with a transparent protective member over the front thereof, a convexed element in said rim at the back of said identification member to give convexed form thereto through the front of said rim, a print-receiving element in the back of said badge to receive a fingerprint, with means for holding it in place, said means having an opening therethrough to expose said fingerprint in the rear of said badge, and a holding pin on the back of said badge for holding it on the garment of the person identified.

3. An identification badge of convexed form including a rim, an identification member in said rim and exposed through the front thereof with a transparent protective member thereover, a convexed member in said rim with an opening therethrough, a print-receiving member, adapted to receive a fingerprint, under said convexed member, with said fingerprint exposed through said opening, and a holding pin on the back of said badge for securing it to a garment.

ERNEST C. SHAW.
WILLIAM A. GROSS.