July 31, 1923. 1,463,739

H. W. DRAPER

BADGE AND ANALOGOUS DEVICE

Filed July 24, 1922

Fig. 1.

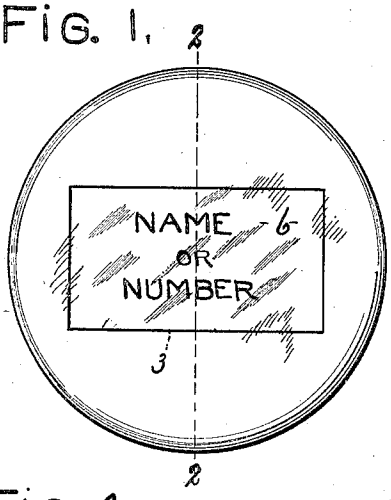


Fig. 2.

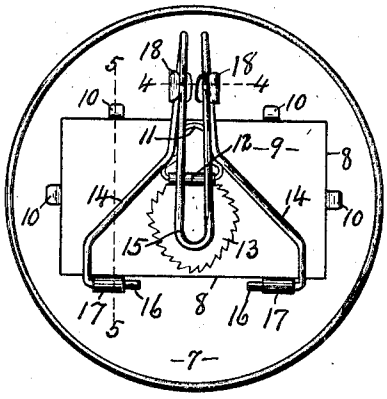


Fig. 4.

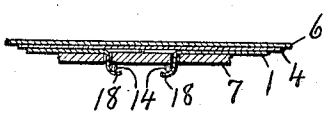


Fig. 3.

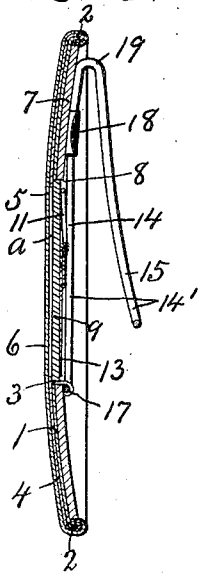


Fig. 5.

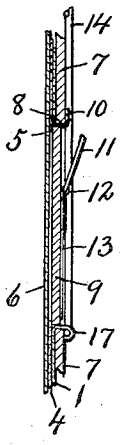
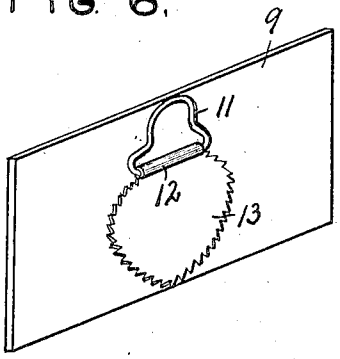


Fig. 6.



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INVENTOR

By Howard Denison
ATTORNEY

Patented July 31, 1923. 1,463,739

UNITED STATES PATENT OFFICE.

HAROLD W. DRAPER, OF EAST ORANGE, NEW JERSEY, ASSIGNOR TO THE WHITEHEAD & HOAG COMPANY, OF NEWARK, NEW JERSEY.

BADGE AND ANALOGOUS DEVICE.

Application filed July 24, 1922. Serial No. 577,105.

To all whom it may concern:

Be it known that I, HAROLD W. DRAPER, a citizen of the United States of America, of East Orange, in the county of Essex, in the State of New Jersey, have invented new and useful Improvements in Badges and Analogous Devices, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention relates to badges and analogous devices having means for attachment to a coat, vest or other object and involving the use of a frame provided with a sight opening for the reception of identification cards, emblems and other insignia which it is desired to display.

The main object is to utilize the attaching means for retaining the article to be displayed in operative position in the frame and at the same time to mount the attaching means in such manner that it may be moved to and from its operative position to allow the article to be displayed to be removed and replaced by others bearing similar or different characters.

In other words, I have sought to provide a simple, practical and efficient divice of this character which may be used and reused for displaying different marks of identification, emblems or other insignia without in any way modifying the structure of said device.

Other objects and uses relating to specific parts of the device will be brought out in the following description:

In the drawings:

Figures 1 and 2 are respectively obverse and reverse views of a display device embodying the various features of my invention.

Figures 3, 4 and 5 are sectional views taken respectively on lines 3—3, Figure 1 and 4—4 and 5—5, Figure 2.

Figure 6 is a perspective view of the detached card retaining panel.

As illustrated, this device comprises a circular metal plate —1—, preferably concavo-convex in cross section and having its marginal edges offset in the direction of the concave side to form a marginal annular flange —2— for reinforcing or stiffening purposes, said plate being provided with a central diametrically elongated rectangular opening —3— for the reception and display of a card —*a*—, or equivalent member bearing the identification character, emblem or other insignia which it is desired to display.

A similar circular disk —4— of paper, light cardboard or similar material, is applied to the convex face of the metal plate —1— and is provided with a central diametrically elongated rectangular opening —5— registering with the opening —3—, the marginal edges of said disk being crimped over and upon the marginal flange —2— to hold the disk in place.

The outer face of the disk —4— is covered by a transparent circular plate —6— of celluloid or equivalent flexible material, which is continuous across the openings —3— and —5— and has its marginal edges crimped over and upon those of the disk —4— and metal plate —1—, thereby forming a transparent protective shield and cover for the display card —*a*— to render the matter thereon readily visible from the front and also protecting the same from injury by the elements or by handling.

A circular back-plate of stiff card-board or equivalent material —7— is secured against the rear concave face of the metal plate —1— within the marginal flange —2— and is also provided with a central diametrically extending rectangular opening —8— registering with the openings —3— and —5— for receiving a rectangular panel —9— which is preferably of the same material and is adapted to fit closely within the opening —8— and against the card —*a*— for retaining the latter in operative position and permitting it to be removed or replaced when desired.

The back-plate —7— is held in operative position by bendable tongues or clasps —10— which are formed integral with the plate —1— at intervals around the marginal edges of the opening —3— so that they may be bent rearwardly and outwardly and clinched against the rear face of the back-plate as shown more clearly in Figures 2 and 5. The removable panel —9— is therefore rectangular and of substantially the same size as the opening —8— in the back-plate —7— and is provided with a handle —11— hinged at —12— to a supporting member —13— adhesively secured to the panel.

Suitable means is provided for holding the panel —9— in its operative position and also for attaching the badge as a whole

to a garment or other support, said means consisting in this instance of a single piece of wire bent into substantially V-shaped form to provide opposite similar arms —14— and an intermediate loop —15—, the ends of the arms being bent toward each other to form pintles —16— which are journaled in suitable eyes —17— on the plate —1— along the lower edge of the opening —3— to enable the attaching member to swing to and from a position across the back of the panel —9—.

The arms —14— are of sufficient length to extend some distance beyond the side of the opening —3— opposite the hinges —17— and when adjusted for use are adapted to spring into engagement with a pair of detents —18— which are also formed integral with the plate —1— and extend through registering openings in the back-plate —7—, as shown in Figure 4. The intermediate portions of the arms —14— are bent or returned at —19— so that the loop —15— is returned across the rear of the back-plate —7— some distance therefrom, to enter a pocket, button-hole opening or other object upon which it is desired to mount the badge.

The arms —14— of the attaching member are tensioned to spring away from each other and thereby to be self-retaining in engagement with the detents —18—, which are bent to form grooves facing each other, leaving sufficient space between the arms to enable them to be sprung inwardly toward each other to disengage them from the detents whereupon the attaching member may be rocked rearwardly and downwardly in the bearing —17— to permit the removal of the panel —9—.

When the card or other article is inserted in the opening —3— for display, the panel —9— is replaced in the opening —8— to hold the card in place, whereupon the attaching member as —14— may be locked in its operative position in engagement with the detents —18— to hold the panel in place and also to afford means, as the loop —15—, by which the badge may be supported upon the object where the card is to be displayed.

What I claim is:

In a badge of the character described, a main supporting plate having a sight opening therethrough, a display plate removably seated in said opening, a transparent cover plate secured to the main plate and extending across the front face of the display plate for limiting the forward movement thereof in said opening and for displaying said display plate therethrough, and means for holding the display plate in said opening including a locking member having one end hinged to the main plate at one side of the opening to swing to and from a position across and against the back of the display plate and its other end returned toward the hinged end to form a loop for attachment to a button hole or pocket, and a keeper on the main plate at the side of the opening opposite the hinge for engagement by the adjacent portion of the locking member.

In witness whereof I have hereunto set my hand this 14th day of July, 1922.

HAROLD W. DRAPER.

Witnesses:
HELEN M. KUBIK,
JAMES C. DAY.