

April 15, 1924

C. F. MITCHEL

1,490,624

BADGE

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Fig. 1

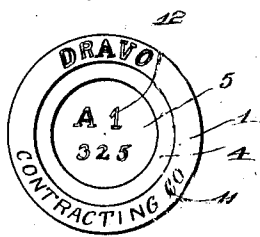


Fig. 2

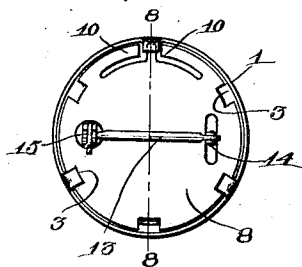


Fig. 3

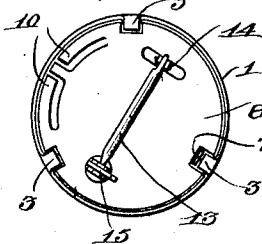


Fig. 4

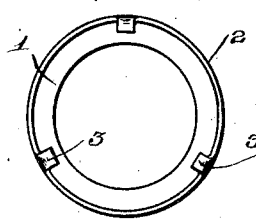


Fig. 5

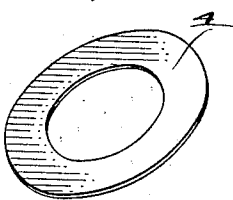


Fig. 6

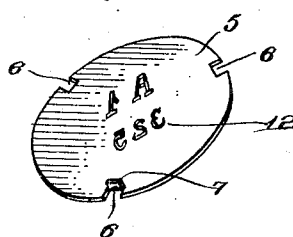


Fig. 7

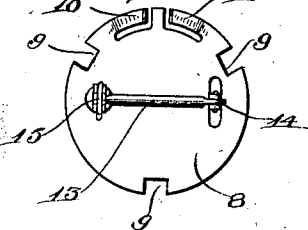
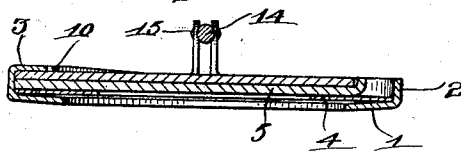


Fig. 8



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UNITED STATES PATENT OFFICE.

CHARLES F. MITCHEL, OF ROCHESTER, NEW YORK, ASSIGNOR TO BASTIAN BROS. CO.,
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BADGE.

Application filed May 31, 1923. Serial No. 642,388.

To all whom it may concern:

Be it known that I, CHARLES F. MITCHEL, a citizen of the United States, and resident of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Badges, of which the following is a specification.

The present invention relates to badges and more particularly to the type having a circular frame provided with suitable inscription and an inscription disk held within the frame by a back plate or member rotatably in order to effect the interlocking connection with the frame, an object of this invention being to provide means for causing the inscription disk to lie in proper position with reference to the inscription on the frame so that both may be read from the same position.

To these and other ends, the invention consists of certain parts and combinations of parts, all of which will be hereinafter described: the novel features being pointed out in the appended claims.

In the drawings:

Fig. 1 is a front view of the badge;

Fig. 2 is a rear view;

Fig. 3 is a rear view showing the back member unlocked;

Fig. 4 is a rear view of the frame;

Fig. 5 is a perspective view of a supplemental frame member;

Fig. 6 is a perspective view of the inscription disk;

Fig. 7 is a rear view of the back member removed; and

Fig. 8 is a section on the line 8—8, Fig. 2.

Referring more particularly to the drawings, 1 indicates the frame which, in this instance, is in the form of an annulus with an annular peripheral flange 2 provided with inwardly turned lugs 3. A flat annular supplemental frame 4 may be provided made of flexible material such as celluloid by fitting within the annular flange 2 in direct abutment with the rear face of the frame 1, the supplemental frame 4 having its central opening smaller than the central opening of the frame so that it provides an ornamental border when viewed through the opening of the frame. An inscription disk 5 is provided having three notches 6 in its perimeter equi-distantly spaced like the in-

wardly turned lugs on the flange 2 of the frame 1, so that this disk may be made of metal and readily fitted within the flange of the frame. At one of the recesses 6, a lug 7 may be provided extending from the rear face of said inscription disk, the purpose of which will be hereinafter set forth.

A back member 8 preferably in the form of a sheet metal disk has equidistantly arranged notches 9 and also two spring tongues 10 cut from the metal of the disk and extended toward each other near one edge of the disk, these spring tongues having their ends spaced apart a distance equal substantially to the width of one of the tongues 3. The back member 8 may have any suitable anchoring or fastening device provided thereon such as a fastening pin 13 pivoted at 14 to the rear face of the back plate and held at its free end by a retaining device 15 of known construction. The frame 1 may have on its front face any suitable inscription such as 11 while the inscription disk 5 has any suitable inscription such as 12.

In assembling the badge, the lug 7 on the inscription plate 5 is fitted in one of the openings 9 on the back plate as illustrated in Figs. 2 and 3. The supplemental frame 4 is fitted in the main frame 1 and then the inscription plate and the back plate are simultaneously fitted in the main frame 1, the inscription 12 being positioned so that it lies 90° out of alignment with the inscription on the main frame 1. Thereafter, a relative rotation between the main frame, and the back plate and the inscription member is effected until these parts are shifted relatively 90° so as to cause the proper alignment between the two inscriptions and, at the same time, to cause one of the tongues 3 to enter between the ends of the two locking tongues 10 on the back plate. This arrangement does away with the unalignment between the inscription on the frame and the inscription on the inscription disk, this having heretofore been difficult to secure due to the fact that, in the turning of the back member in the frame, the friction produced on the inscription disk would cause the latter to turn and this could never be calculated to effect a proper alignment of the two inscriptions. This invention insures the turning of the inscription disk a definite dis-

tance with the turning of the back plate so that the proper relative positions of the two inscriptions are obtained.

What I claim as my invention and desire to secure by Letters Patent is:

1. A badge comprising a frame in the form of an annulus with an annular flange provided with inwardly turned lugs, an inscription disk provided with notches corresponding in arrangement to the inwardly turned lugs on the annular peripheral flange of the frame, a back plate having notches corresponding to the notches in the inscription disk and carrying means for interlocking with one of the lugs on the peripheral flange to hold the back plate against turning, and means for causing the inscription disk to turn with said back plate.

2. A badge comprising a frame in the form of an annulus with an annular flange provided with inwardly turned lugs, an inscription disk provided with notches corresponding in arrangement to the inwardly turned lugs on the annular peripheral flange of the frame, a back plate having notches corresponding to the notches in the inscription disk and carrying means for interlock-

ing with one of the lugs on the peripheral flange to hold the back plate against turning, and means for causing the inscription disk to turn with said back plate, said means comprising a lug cut from the material of the inscription disk to provide one of the notches and extending into one of the notches of the back plate.

3. A badge comprising a front frame in the form of an annulus having an annular peripheral flange provided with inwardly extending and equidistantly arranged lugs, said frame having suitable inscription on the front thereof, an inscription disk formed with equidistantly arranged notches adapted to fit over the lugs of the peripheral flange, said disk having a tongue cut therefrom to form one of the notches and extending laterally from the disk, and a back plate having equidistantly arranged notches adapted to fit over the lugs of said peripheral flange, one of them receiving the tongue of the inscription disk, said back plate also having means for interlocking with one of the lugs when the back plate and inscription disk are rotated.

CHARLES F. MITCHEL.