

Aug. 27, 1935.

J. C. DAY

2,012,420

BUTTON HOLDER

Filed Jan. 4, 1935

Fig. 1.

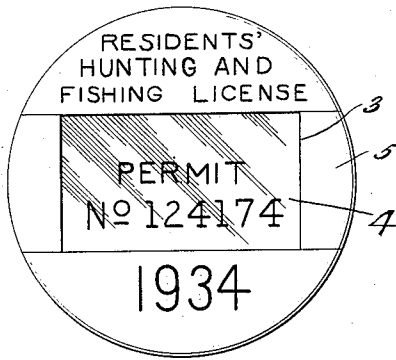


Fig. 2.

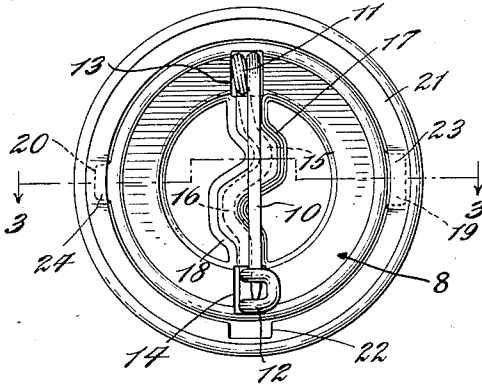


Fig. 3.

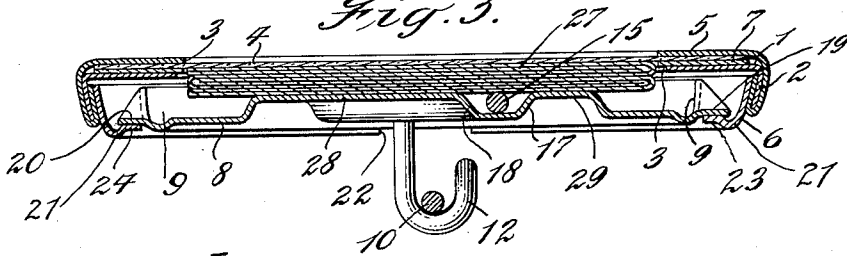


Fig. 5.

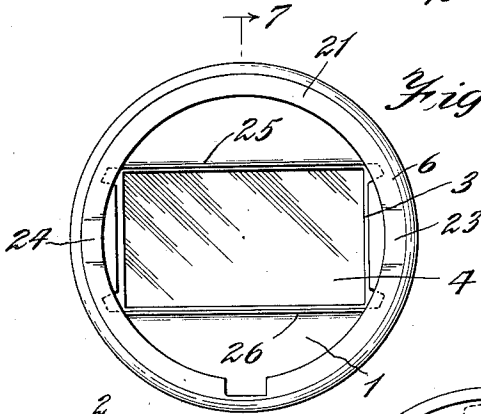


Fig. 6.

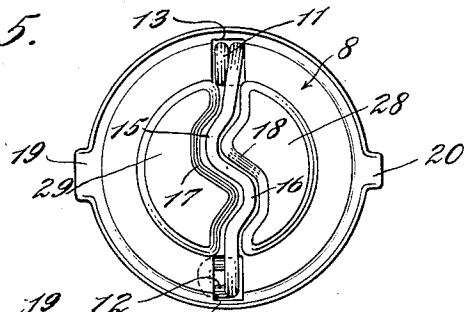


Fig. 7.

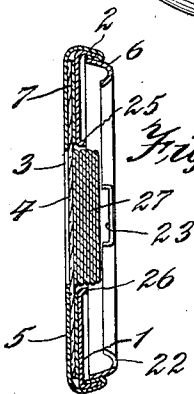
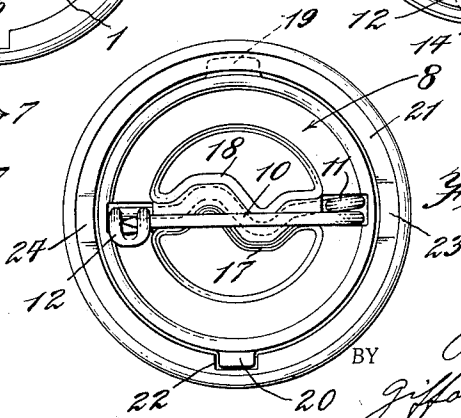


Fig. 4.



INVENTOR.

James C. Day

BY

Gifford, South & Burgess
ATTORNEYS.

UNITED STATES PATENT OFFICE

2,012,420

BUTTON HOLDER

James C. Day, Maplewood, N. J., assignor to The
Whitehead & Hoag Company, Newark, N. J., a
corporation of New Jersey

Application January 4, 1935, Serial No. 371

5 Claims. (Cl. 40—1.5)

This invention relates to a novel and improved form of button holder, the novel features of which will be best understood from the following description and the annexed drawing, in which I have shown a selected embodiment of the invention and in which:

Fig. 1 is a front or face view of the holder showing one use to which it may be put;

Fig. 2 is a rear view of the structure appearing in Fig. 1;

Fig. 3 is a section approximately on the line 3—3 of Fig. 2;

Fig. 4 is a view on the same plane as Fig. 2 but showing certain of the parts in different positions;

Fig. 5 is a view likewise taken on the same plane as Fig. 2, but with the back removed;

Fig. 6 is a view of the back detached from the rest of the holder and showing the opposite side thereof to that appearing in Fig. 2;

Fig. 7 is a section approximately on the line 7—7 of Fig. 5.

The holder may conveniently comprise a plate 1 having a circumferentially extending flange 2, the holder in this instance being generally circular in form, as indicated and as is most convenient. The plate may have a centrally disposed window 3 shown as being closed by a sheet 4 of transparent material, which may be held in place against the plate 1 by means of a cover 5 likewise of sheet material and which is shown as being bent or folded around the flange 2 and extending inside of the flange. It may be held in place by means of a ring or collet 6. If desired, a packing ring or gasket 7 may be interposed between the sheet 4 and the plate 1.

The holder is designed for the purpose of displaying through the window a number or other identifying medium on a document carried within the holder. For the purpose of illustration, I have selected a hunting and fishing license as an example of such a document, and this document may be folded so that the number appearing thereon may be displayed through the window 3. The window and the holder are so designed, particularly as to size, that the license or other document which it is intended to carry may be conveniently folded, and when so folded will coincide with the window.

In order that such a document as that referred to above may be conveniently displayed and carried on the person, I have provided means for detachably securing the holder to the wearing apparel of the person carrying the document. To that end I have provided a back 8 having

a peripheral flange 9 which is adapted to fit within the collet 6. This back is provided with a pin 10 by which the back may be secured to the wearing apparel of the person, and is likewise provided with means, to be more fully described presently, for securing the back to the rest of the holder.

For the purpose of convenience, I shall refer in the claims to the structure formed by the parts 1, 2, 4, 5, 6 and 7 as the front of the holder cooperating with the back to form the complete holder.

The pin may be of the type having a coil spring 11 and a guard 12. In order to hold it in proper position on the back, I have formed the pin and guard all of one piece of wire extending through holes 13 and 14 in the back, and on the front of the back this wire is provided with the offsets 15 and 16 received between walls 17 and 18 closely paralleling this part of the pin, as best shown in Fig. 6.

It is desirable that the back shall be readily attachable and detachable with respect to the front of the holder so that the license may be removed quickly when desired. Under many circumstances, it is enough for the person carrying a license to have the number thereof readily available, and since this number can be displayed through the window of the holder, that will be sufficient under such circumstances. At the same time, the sheet 4 is of suitable material, such as that sold under the trade names of "Celloid" or "Cellophane", and will protect the license from the weather and from dust.

In order that the license number may be always displayed through the window in the proper position, I have provided the back with lugs 19 and 20 adapted to be received beneath the inwardly extending flange 21 of the collet. This flange 21, as plainly shown in Figs. 2, 4, and 5, is provided with a slot 22 and with pockets 23 and 24 on the inner face of the flange. The lugs and pockets are each respectively spaced apart approximately 90°, in the illustrated embodiment. One lug, here shown as the lug 19, is preferably larger peripherally than the other, and the pocket 23 is shown as being large enough to receive the larger lug, while the other pocket 24 is of a size to receive only the smaller lug. The slot 22 is disposed between the pockets 23 and 24, on what will usually be the lower edge of the holder when it is attached to the wearer's clothing.

In operation, when it is desired to place the back in position, the lug 19 may be slid beneath the flange 21 of the collet at approximately the

position shown in Fig. 4, and when the parts are in this position, the lug 20 will be in position to be received in the slot 22 (see Fig. 4). The back will have its flange 9 fitting within the collet, and a slight pressure against the back will cause it to be depressed so that when the back is turned clockwise, as viewed in Fig. 4, the lug 20 may pass beneath the flange 21. It should be noted that it is always the lug 20 which is passed through the slot 22, which is made too small to receive the lug 19. The rotation may continue until the two lugs 19 and 20 snap into the pockets 23 and 24, respectively, as shown in Fig. 2, to detachably lock the front and back together. The pin will then be in position so that when the holder is applied to the wearing apparel of a person, the face of the holder will be right side up, as seen in Fig. 1, the point of the pin extending downwardly, which will facilitate attachment of the holder to the clothing of the wearer.

It will be seen that the lug 19 is too big to be received in the pocket 24, and therefore the back and the front are not locked together except when they are in proper relation to each other, with the pin in the desired relation to the indicia on the document displayed at the window.

When it is desired to remove the back from the rest of the holder, all that is necessary is to exert a slight pressure against the back so as to displace the lugs 19 and 20 from the pockets 23 and 24 and then the back may be turned counterclockwise with respect to the rest of the holder until the lug 20 registers with the slot 22. The lug 20 will then be lifted out through the slot 22, and the rest of the back removed by sliding the lug 19 out from under the flange 21.

As a further aid in properly displaying the license, I have provided rearwardly extending centering flanges 25 and 26 on opposite sides of the window 3. The folded license 27 may be placed so as to fit between the flanges 25 and 26, which will thus properly center the license at the window. In this position it is held by the depressed portions 28 and 29 of the back, these depressed portions also conveniently forming between them the walls 17 and 18 to receive the part 15 of the pin. Normally, the license will be of such a size that it must be folded in order to fit within the confines of the holder, and the distance from the sheet 4 to the portions 28 and 29 of the back is such that the license will be compressed slightly and thus in turn will exert a pressure against the back, tending to hold the lugs 19 and 20 in the pockets 23 and 24.

The natural resiliency resulting from the folding and compressing of the paper is thus relied upon to yieldingly hold the lugs in the pockets.

While I have shown the invention as embodied in a specific form, it is to be understood that vari-

ous changes in details may be made without departing from the scope of the invention, and I therefore do not intend to limit myself except by the appended claims.

I claim:

1. In combination, a holder comprising a front and a back, said front having a window there-through closed by a sheet of transparent material, means on the back to hold a document against said window, a pin on said back, means detachably locking said front and back together, said front including a plate having an opening therein to form part of said window, and rearwardly extending flanges on said plate adjacent said opening to center said document at said window.

2. In combination, a holder comprising a front and a back, said front having a window there-through closed by a sheet of transparent material, means on the back to hold a document against said window, a pin on said back, said front having an inwardly extending flange with pockets on the front side thereof and said back having lugs adapted to lie within said pockets, said flange having a slot through which one of said lugs may pass.

3. In combination, a holder comprising a front and a back, said front having a window there-through closed by a sheet of transparent material, means on the back to hold a document against said window, a pin on said back, said front having an inwardly extending flange with pockets on the front side thereof and said back having lugs adapted to lie within said pockets, said flange having a slot through which one of said lugs may pass, one of said lugs and its pocket being larger than the other lug and its pocket, for the purpose set forth.

4. In combination, a holder comprising a front and a back, said front having a window there-through closed by a sheet of transparent material, means on the back to hold a document against said window, a pin on said back, said front having an inwardly extending flange with pockets on the front side thereof and said back having lugs adapted to lie within said pockets, one of said lugs and its pocket being larger than the other lug and its pocket, and said flange having a slot through which only the smaller one of said lugs may pass.

5. In combination, a holder comprising a front and a back, said front having a window there-through closed by a sheet of transparent material, depressions on said back extending towards the window and forming means to hold a document against said window, said depressions forming spaced walls having offsets therein, a pin having a portion thereof received between said walls to hold it in place, and means detachably securing said front and back together.

JAMES C. DAY.