April 6, 1937. E. L. CARLSON 2,076,292

DISPLAY HOLDER FOR TIMEPIECES

Filed June 8, 1936

Fig. 1.

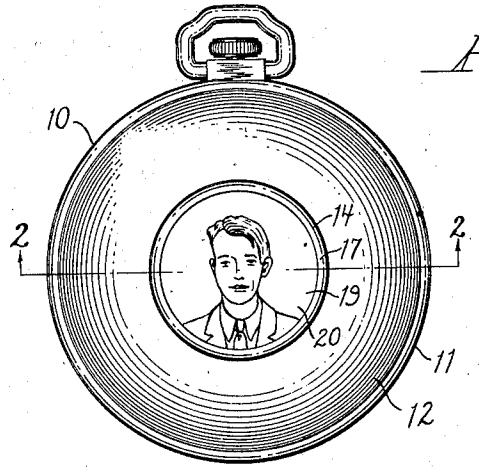


Fig. 2.

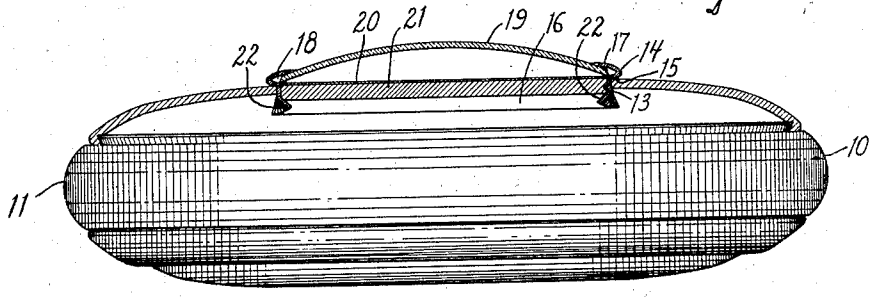


Fig. 3.

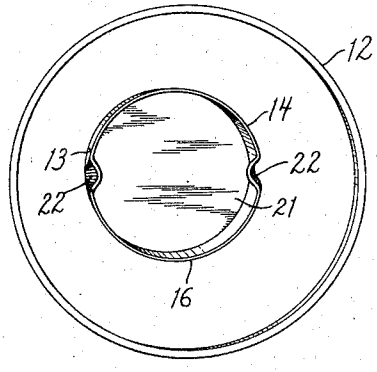
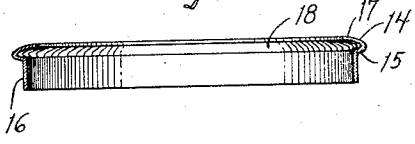


Fig. 4.



Inventor
Elof L. Carlson
By Lyon & Lyon Pearce & Nichols
Attorneys

Patented Apr. 6, 1937

2,076,292

UNITED STATES PATENT OFFICE

2,076,292

DISPLAY HOLDER FOR TIMEPIECES

Elof L. Carlson, Bristol, Conn., assignor to The E. Ingraham Company, Bristol, Conn., a corporation of Connecticut

Application June 8, 1936, Serial No. 84,119

1 Claim. (Cl. 40—156)

This invention relates to improvements in display holders for timepieces, and more particularly to those having a display member of reduced size secured in the rear cover-plate of the timepiece.

One object of this invention is to provide an improved display holder for timepieces having a visible display member secured in an opening in the rear cover-plate of the timepiece.

Another object of this invention is to provide improved means for securing a frame-ring in an aperture in the rear cover of a timepiece and securing a display member in the frame-ring.

Another object of this invention is to provide an improved cover-plate and display-member construction formed of simple elements readily manufactured and readily assembled to produce an attractive durable construction at minimum cost.

With the above and other objects in view, this invention includes all improvements over the prior art which are disclosed in this application.

In the accompanying drawing, in which one way of carrying out the invention is shown for illustrative purposes:

Fig. 1 is a rear elevation illustrating a watch constructed in accordance with this invention;

Fig. 2 is an enlarged sectional view on line 2—2 of Fig. 1;

Fig. 3 is a perspective view of the rear cover-plate with the frame-ring and display member; and

Fig. 4 is a central sectional view of the frame-ring.

In the description and claim, the various parts are identified by specific names for convenience, but they are intended to be as generic in their application as the prior art will permit.

Referring to the drawing, the watch 10 has a center-band 11 and a removable back cover-plate 12 having a central aperture 13 of reduced size, in which aperture is secured a frame-ring 14.

The frame-ring 14 has an annular stop-flange 15 and an annular skirt 16 extending therefrom through the aperture 13. The stop-flange 15 has an inwardly-extending annular portion 17 preferably so constructed as to provide an annular space 18 in which a crystal 19 may be secured. A display member 20 which may, for example, be a picture, may be supported by a backing-member 21 which may, for example, be a piece of cardboard. The skirt 16 is preferably flared outwardly, as shown in Figs. 2 and 3, to secure the frame-ring 14 in position in the aperture 13 of the back cover-plate 12, and one or more portions 22 of the skirt 16 are preferably bent inwardly to engage the backing-member 21, or to directly engage the display member in such instances where a separate backing-member is unnecessary.

If desired, the crystal 19 may be omitted, in such instances where the display member is of sufficient stiffness to remain in place.

It will also be appreciated that instead of the separate parts 19, 20, 21 being employed, a single display unit such, for example, as a display unit of the general type of a lapel button, may be secured in the frame-ring.

The invention may be carried out in other specific ways than those herein set forth without departing from the spirit and essential characteristics of the invention, and the present embodiments are, therefore, to be considered in all respects as illustrative and not restrictive, and all changes coming within the meaning and equivalency range of the appended claim are intended to be embraced therein.

I claim:

A timepiece display-holder construction including: a removable cover-plate having an aperture of considerably less size than the said cover-plate; a thin-metal frame-ring having a stop-flange overlying the exterior surface of said cover-plate adjacent said aperture, the frame-ring also having a single-layer tubular skirt extending through the aperture in said cover-plate and with the inner edge thereof circumferentially continuous; and a display-member in said frame-ring; the circumferentially-continuous edge-portion of said tubular skirt being enlarged and flared outwardly to secure the frame-ring in the aperture of the cover-plate and part thereof being distorted inwardly to secure said display-member in said frame-ring.

ELOF L. CARLSON.