DISPLAY CASE FOR WRIST WATCHES AND THE LIKE

Filed Oct. 6, 1944
This invention relates to new and useful improvements in a display case for wrist watches and the like.

More particularly, the invention contemplates a new and improved display case which is characterized by a member about which a wrist watch and band may be mounted. It is proposed that this member be provided with outwardly extending flanges at its end portions extending outwardly from said wrist watch and band. It is furthermore contemplated to provide shell-like end covers slidably mounted on said flanges, and when moved together to encase said wrist watch and band, and when moved apart to freely expose said wrist watch and band.

It is proposed that said member and end covers be constructed of thermo-plastic material, preferably transparent in nature, in which event it is possible to view the watch within the closed display case.

In the particular form of the invention disclosed, the member and the shell-like end covers are of triangular shapes.

The invention also proposes an arrangement for preventing the end covers from coming off said member while in their open positions.

Still further the invention contemplates a modification in which the prior mentioned member is provided with a leaf spring for better facilitating receiving watches and bands of various sizes.

Another object of the invention is the construction of a device as mentioned which is simple and durable and which may be manufactured and sold at a reasonable cost.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawing, and to the appended claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawing forming a material part of this disclosure:

Fig. 1 is a perspective view of a display case for wrist watches constructed in accordance with this invention, and shown in a closed position.

Fig. 2 is a perspective view of the display case shown in Fig. 1 in an open position.

Fig. 3 is an enlarged vertical sectional view taken on the line 3–3 of Fig. 2.

Fig. 4 is a transverse vertical sectional view taken on the line 4–4 of Fig. 3.

Fig. 5 is a side elevational view of a display case for wrist watches constructed in accordance with a modified form of this invention and shown in an open condition.

Fig. 6 is a vertical sectional view taken on the line 6–6 of Fig. 5.

The display case for wrist watches, in accordance with the description of the invention, includes a member about which a wrist watch and band may be mounted.

Said member 10 is provided with outwardly directed flanges 11 at its end portions for extending outwardly from the wrist watch and band. These flanges 11 are provided with edge portions 12. Shell-like end covers 13 are slidably mounted on the flanges 11 and on edge portions 12 thereof.

When these shell-like covers 13 are moved together so that their inner edges contact each other, as illustrated in Fig. 1, they will encase the wrist watch and band which is mounted about the member 10. When they are moved apart to the positions illustrated in Figs. 2 and 3, the wrist watch and band upon the member 10 will be freely exposed.

It is proposed that the member 10 and the shell-like end covers 13 be constructed of thermo-plastic material. Preferably, this material should be of a transparent nature so that the wrist watch and band may be seen and viewed through the closed display case. The closed display case will protect the article from dust and dirt, while at the same time it is being displayed. In the particular design of the display case illustrated on the drawing, the member 10 is of triangular shape in transverse cross section. The shell-like end covers are similarly shaped.

In order to reduce the mass of the display case, the member 10 is hollow and is provided with end walls 14 which have openings 15. At the center, the member 10 is provided with an external groove 16 to facilitate mounting a wrist watch and band on the member in a manner so that it does not shift laterally.

The inner corners of the shell-like end covers 13 are formed with longitudinally extending ribs 17 which are in the nature of track elements.

These ribs or track elements engage complementary recesses or grooves 18 formed in the flanges 11 and in the edge portions 12 thereof. These interengaging tracks and grooves facilitate the sliding of the end covers 13 upon the flanges 11 and on the edge portions 12 thereof. The covers 13 are prevented from coming completely off the member 10 by stop pins 19 or other projections on the end covers abutting the flanges 11 in the extended positions of the end covers.
tion has been disclosed which is very similar to the prior form, distinguishing merely in the fact that the member 10' about which the wrist watch and band is intended to be mounted is of a much smaller size than in the prior form of the invention. However, the member 10' is provided with an encircling leaf spring 21. This leaf spring 21 has a bottom central section 22 which is attached by fastening elements 23 to the bottom of the member 10'. The arms of the leaf spring 21 extend upwards and normally assume a slightly open position as illustrated in Figs. 3 and 6. When a wrist watch and band is displayed in this way it is mounted around the leaf spring 21 which may be pressed closed to any degree needed for mounting the wrist watch and band within the display case.

In other respects, this form of the invention is identical to the previous form and like parts are identified by like reference numerals.

While I have illustrated and described the preferred embodiments of my invention, it is to be understood that I do not limit myself to the precise constructions herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claims.

Having thus described my invention, what I claim as new, to be secured by United States Letters Patent is:

1. A display case for wrist watches, comprising a member about which a wrist watch and band may be mounted and having outwardly extending flanges at its end portions extending outwards of said wrist watch and band, and shell-like end covers slidably mounted on said flanges when moved together encasing said watch and band and when moved apart exposing said watch and band.

2. A display case for wrist watches, comprising a member about which a wrist watch and band may be mounted and having outwardly extending flanges at its end portions extending outwards of said wrist watch and band, and shell-like end covers slidably mounted on said flanges when moved together encasing said watch and band and when moved apart exposing said watch and band, said member and end covers being of thermo-plastic material at least said end covers being transparent.

3. A display case for wrist watches, comprising a member about which a wrist watch and band may be mounted and having outwardly extending flanges at its end portions extending outwards of said wrist watch and band, and shell-like end covers slidably mounted on said flanges when moved together encasing said watch and band and when moved apart exposing said watch and band, said member and end covers being of transparent thermo-plastic material.

4. A display case for wrist watches, comprising a member about which a wrist watch and band may be mounted and having outwardly extending flanges at its end portions extending outwards of said wrist watch and band, and shell-like end covers slidably mounted on said flanges when moved together encasing said watch and band and when moved apart exposing said watch and band, said member and end covers being of triangular shapes in transverse cross section.

5. A display case for wrist watches, comprising a member about which a wrist watch and band may be mounted and having outwardly extending flanges at its end portions extending outwards of said wrist watch and band, and shell-like end covers slidably mounted on said flanges and when moved together encasing said watch and band and when moved apart exposing said watch and band, said member and end covers having edge portions for facilitating the sliding of the end covers.

6. A display case for wrist watches, comprising a member about which a wrist watch and band may be mounted and having outwardly extending flanges at its end portions extending outwards of said wrist watch and band, and shell-like end covers slidably mounted on said flanges and when moved together encasing said watch and band and when moved apart exposing said watch and band, said member and end covers being of triangular shapes in transverse cross section, said flanges having edge portions, and ribs or tracks projecting from said end covers and engaging complementary grooves in said flanges and their edge portions for facilitating sliding of the end covers.

7. A display case for wrist watches, comprising a member about which a wrist watch and band may be mounted and having outwardly extending flanges at its end portions extending outwards of said wrist watch and band, and shell-like end covers slidably mounted on said flanges and when moved together encasing said watch and band and when moved apart exposing said watch and band, said member and end covers being of triangular shapes in transverse cross section, said flanges having edge portions, and ribs or tracks projecting from said end covers and engaging complementary grooves in said flanges and their edge portions for facilitating sliding of the end covers, and means for preventing said covers coming off said member while in their apart positions.

8. A display case for wrist watches, comprising a member about which a wrist watch and band may be mounted and having outwardly extending flanges at its end portions extending outwards of said wrist watch and band, and shell-like end covers slidably mounted on said flanges and when moved together encasing said watch and band and when moved apart exposing said watch and band, said member and end covers being of triangular shapes in transverse cross section, said flanges having edge portions, and ribs or tracks projecting from said end covers and engaging complementary grooves in said flanges and their edge portions for facilitating sliding of the end covers, and means for preventing said covers coming off said member while in their apart positions, comprising pins mounted on said end covers and engageable with said flanges.

9. A display case for wrist watches, comprising a member about which a wrist watch and band may be mounted and having outwardly extending flanges at its end portions extending outwards of said wrist watch and band, and shell-like end covers slidably mounted on said flanges and when moved together encasing said watch and band and when moved apart exposing said watch and band, said member being hollow and having end walls with openings therein.

10. A display case for wrist watches, comprising a member about which a wrist watch and band may be mounted and having outwardly extending flanges at its end portions extending outwards of said wrist watch and band, shell-like end covers slidably mounted on said flanges and when moved together encasing said watch
and band and when moved apart exposing said watch and band, and a leaf spring encircling said member and upon which said wrist watch and band is intended to be mounted.

11. A display case for wrist watches, comprising a member about which a wrist watch and band may be mounted and having outwardly extending flanges at its end portions extending outwards of said wrist watch and band, shell-like end covers slidably mounted on said flanges and when moved together encasing said watch and band and when moved apart exposing said watch and band, and a leaf spring encircling said member and upon which said wrist watch and band is intended to be mounted, said leaf spring being secured to said member at its center and having free end portions.

12. A display case for wrist watches, comprising a member about which a wrist watch and band may be mounted and having outwardly extending flanges at its end portions extending outwards of said wrist watch and band, and shell-like end covers slidably mounted on said flanges and when moved together encasing said watch and band and when moved apart exposing said watch and band, said member and end covers being of thermo-plastic material at least said end covers being transparent, and ribs or tracks projecting from said end covers and engaging complementary grooves in said member for facilitating the sliding of the end covers.

WILLIAM HELBRIN.