July 6, 1926. 1,591,512

I. H. CHAIKEN

WRIST WATCH

Filed July 15, 1925

Fig. 1.

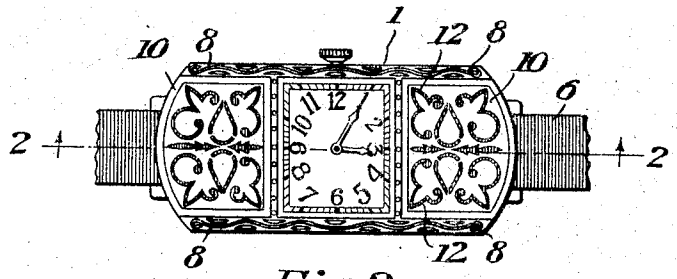


Fig. 2.

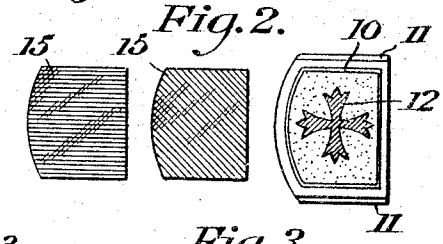


Fig. 3.

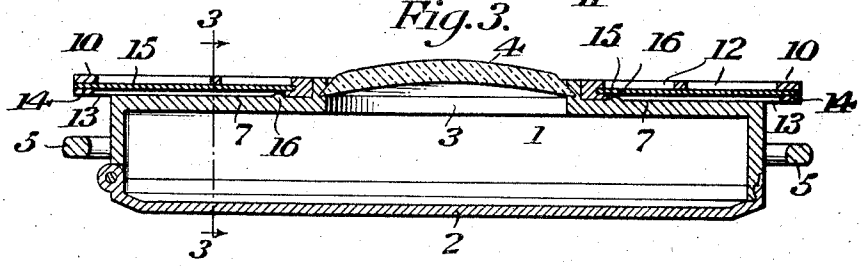


Fig. 5

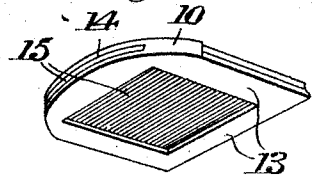


Fig. 4.

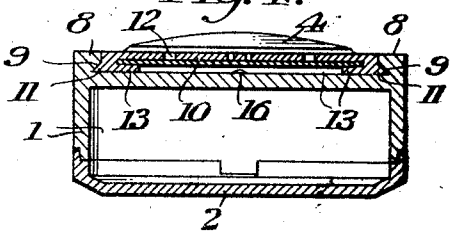


Fig. 6.



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UNITED STATES PATENT OFFICE.

IRVING H. CHAIKEN, OF NEW YORK, N. Y.

WRIST WATCH.

Application filed July 15, 1925. Serial No. 43,753.

This invention relates to wrist watches and has for an object the provision of novel means whereby the ornamental appearance of the watch case may be varied.

A further object is to provide a watch case having ornamental plates removably mounted at its front face. When it is desired to vary the ornamentation of the case these plates are removed and interchangeable plates bearing different ornamental designs are substituted for them.

In the drawings:

Fig. 1 is a front face view of my improved watch case;

Fig. 2 a detail group view of one of the removable slide plates and two of the colored sheets adapted to be mounted in said plate;

Fig. 3 an enlarged longitudinal section on the line 2—2 of Fig. 1 with the watch movement removed;

Fig. 4 a transverse section on the line 3—3 of Fig. 3;

Fig. 5 a detail perspective view of one of the ornamental slide plates; and

Fig. 6 a detail section through an ornamental slide plate of modified form.

Referring to the parts by numerals, the watch case includes a body part 1 and a lid 2 hinged at the rear of the body part. The case is elongated in form and is adapted to contain a watch movement, not shown. The front face of the body part 1 is centrally formed with the dial-viewing opening 3 which is covered by the crystal 4. Loops 5 extend from the opposite ends of the case for attaching the wrist tape 6 thereto.

The front face of the body of the case extends outwardly at opposite sides of the crystal as at 7. These extensions 7 are flat and have upstanding parallel guides 8 formed along their two longitudinal marginal edges. The guides 8 are open at the opposite ends of the case and are formed on their inner sides with under-cut retaining grooves 9.

Ornamental face plates 10 are adapted to be slid edgewise between the guides 8 and are formed along their opposite edges with ribs 11 to engage the undercut guide grooves and hold the slides in place upon the extensions 7. Each plate 10 is formed with stencil openings 12 through its front face which combine to form an ornamental design. The under face of each plate is formed around its marginal edges with grooved retaining guides 13 one of which is slotted as at 14 to permit of the edgewise insertion of a sheet 15 of colored material, such as celluloid, into the grooves of said guide. The guides 13 are adapted to hold the sheet 15 flat against the under face of the portion of the slide plate containing the ornamental stencil opening. The color of the sheet will therefore appear through the stencil openings and give the design a beautiful inlaid or enameled effect.

The slide plates are yieldably held against endwise withdrawal from the guides 8 by rounded retaining humps 16 upon the extensions 7. The guides 13 upon the inner ends of the plates are adapted to snap back and forth over said humps when the plates are inserted or removed. When it is desired to vary the ornamental appearance of the case, the plates are withdrawn therefrom and interchangeable plates bearing a different design are substituted. One of these interchangeable plates is shown in Fig. 2. Provision is also made for varying the color of each design by providing a number of sheets 15 in different colors as shown in Fig. 2. These sheets are interchangeable and it is merely necessary to slide one sheet out through the slot 14 of a plate and insert a sheet of different color in order to change the color of the design.

Fig. 6 shows in section a modified form of slide plate. In this form, the plate, instead of being stenciled and provided with a colored backing sheet, has the ornamental design enameled directly upon its outer face as at 17.

It will readily be seen that provision is made for a great range of variation in the ornamentation of the watch case. The color of the ornamental designs may be changed to suit the taste or to harmonize with the clothing of the wearer. The design of the ornamentation is changeable by merely changing the slide plates, and the designs carried by the different plates may, for example, be in the form of a fraternity emblem or may be of a form appropriate to a particular sport in which the wearer is interested.

It will, of course, be understood that certain details of the structure, such as the mounting of the removable parts, may be varied without departing from the spirit of the invention.

What I claim is:

1. A watch case, guides rigidly carried

by the said case and extending outwardly at opposite sides of the watch crystal, and a pair of slides removably supported by said guides and each bearing a design.

2. A watch case, a pair of plates each bearing a design upon one of its faces, and means carried by the case to removably support said plates at opposite sides of the watch crystal with the said designs facing forwardly.

3. A watch case, a slide, and spaced retaining guides rigidly carried by the case along the longitudinal edges thereof, said guides opening outwardly at one end and removably holding the said slide therebetween.

4. A watch case, a slide, and guide means rigidly carried by said case and supporting said slide at one side of the crystal.

5. A watch case, a pair of slides, and guide means carried by said case and removably supporting said slides at opposite sides of the crystal.

6. A watch case, a slide member formed with a stencil opening, a sheet of material contrasting in color from said member removably secured to the member back of said stencil opening therein, and retaining guides removably holding said slide to the casing.

7. A watch case, a slide member formed with a stencil opening, a sheet of material contrasting in color from said member the said member removably holding said sheet back of its stencil opening, and retaining guide means carried by the watch case and supporting said slide upon the case.

8. A watch case, a pair of units each comprising a slide member formed with a stencil opening and a sheet of material contrasting in color from said slide member carried and supported by the slide member back of its stencil opening, and retaining guide means supporting said slides at opposite sides of the watch crystal.

9. A watch case, a pair of members each formed with a stencil opening, a pair of sheets of material contrasting in color from the said member and located back of the stencil openings. in said members, and means removably supporting said members and sheets at opposite sides of the watch crystal.

10. A watch case, outwardly extending retaining guides carried by said case and opening at their outer ends, a unit comprising a slide plate supported by said guides and formed with a stencil opening, a sheet of material contrasting in color from said plate, and means carried by the plate slidably and removably supporting said sheet back of the stencil opening.

11. A watch case, a pair of units each comprising a slide plate formed with a stencil opening, a sheet of material contrasting in color from said plate, means carried by the plate slidably and removably supporting the said sheet back of the stencil opening in the plate, and retaining guide means removably supporting said units at opposite sides of the watch crystal.

12. A watch case, design-bearing means formed separately from said case and disposed upon the case at opposite sides of the watch crystal, and means to detachably hold said design-bearing means to the case.

In testimony whereof I hereunto affix my signature.

IRVING H. CHAIKEN.