

May 13, 1924.

1,494,104

J. DINHOFER

RING WATCH

Filed Dec. 13, 1922

Fig. 1.

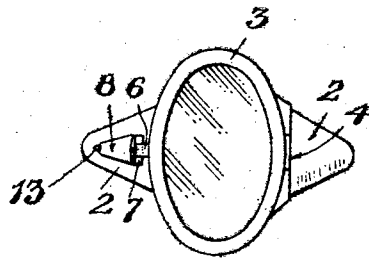


Fig. 2.

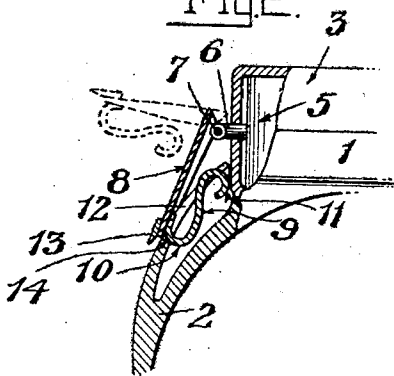
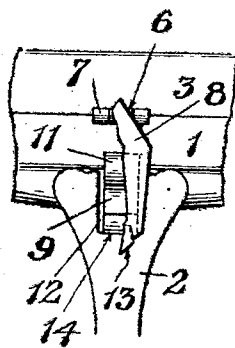


Fig. 3.



Inventor

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UNITED STATES PATENT OFFICE.

JULIUS DINHOFER, OF NEW YORK, N. Y.

RING WATCH.

Application filed December 13, 1922. Serial No. 606,592.

To all whom it may concern:

Be it known that I, JULIUS DINHOFER, citizen of the United States, and resident of New York city, in the county of New York and State of New York, have invented certain new and useful Ring Watches, of which the following is a specification.

This invention relates to an improvement in a watch so constructed that it may be worn as a finger ring, and has for its object to provide an article of this character which will be small and compact in construction; which will be extremely pleasing in appearance, and which will resemble a finger ring in every respect.

With these objects, and other objects which may hereinafter appear, in view, I have devised the particular arrangement of parts hereinafter set forth and more particularly pointed out in the claims appended hereto.

Reference is to be had to the accompanying drawing, forming a part hereof, in which—

Figure 1 is a plan view of a finger ring watch, made in accordance with my invention;

Figure 2 is a sectional view of a portion of the watch and ring shank, showing the foldable winding stem and the means for detachably securing the same to the shank; and

Figure 3 is a side elevation of that portion of the ring disclosed in Figure 2, with parts being broken away to disclose construction.

Throughout the various views of the drawings, similar reference characters designate similar parts.

In the preferred embodiment of my invention, as disclosed in the accompanying drawing, 1 indicates the watch case, which is herein shown as substantially oval in shape, but which may be of any suitable outline, and ornamented in any desired way. The case is secured to a ring shank 2, and is provided with a cover or bezel 3 which is hinged to the case 1, as at 4, in the conventional manner.

At 5 is shown the watch mechanism or watch movement, which is contained within the case 1 and which is provided with a winding stem 6 projecting through an opening in the case.

The winding stem 6 is so located that it

projects outside of the case at a point above the ring shank 2. The shank 2 has its ends widened at the junction of the shank and case as shown. At 8 is shown a plate which may be of any ornamental outline to match the engraving or formation of other parts of the ring shank, and this plate 8 is pivotally secured to the end of the winding stem, as at 7. The under side of the plate 8 is provided with a resilient tongue 9, which acts as a latch member for the plate. The tongue 9 is provided with a rounded loop or bend 10 at its lower end, and has its upper end terminating in a reversely bent loop or bend 11.

At 12 is a recess or opening in the shank 2 which the plate 8 is adapted to overlie, and when the plate 8 extends over said opening, the tongue 9 enters therein, and frictionally engages the edge 14 of said opening and prevents movement of the winding stem 6.

The lower loop or bend 10 snaps over the edge 14 of the opening and holds the plate 8 down firmly against the shank 2, and when in this position, the upper loop 11 abuts against the side of the case 2 and places the tongue 9 under tension to hold the same securely in position and in engagement with the edge 14 of the opening.

When it is desired to wind the watch by rotation of the winding stem 6, the plate 8 is disengaged from the shank, and to permit this readily, I provide a finger-piece 13 on the plate 8, whereby said plate may be readily lifted to the position indicated in dotted lines in Figure 2, and the winding stem 6 may be readily rotated about its axis to wind the watch.

If the plate 8 is fashioned or ornamented to resemble the design on the opposite side of the shank, the location of the winding stem of the watch is not discernible and an ornamental and pleasing effect is produced.

From the foregoing, it is obvious that my invention is not to be restricted to the exact embodiment shown but is broad enough to cover all structures coming within the scope of the annexed claims.

What I claim is:—

1. An article of the class described comprising a watch case, a ring shank secured thereto, a winding stem projecting from said case, a plate hinged to the end of said stem, said shank being provided with an opening, a resilient tongue on the inner face of said

plate provided with a rounded loop adapted to extend over one edge of said opening and frictionally engage therewith.

2. An article of the class described comprising a watch case, a ring shank secured thereto, a winding stem projecting outside of said case above the shank, a plate hinged to said winding stem, said shank being provided with an opening, a tongue on said
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10 plate having a pair of loops, one of said

loops adapted to frictionally engage an edge of said opening, and the other loop adapted to abut against the case while the first mentioned loop is engaged with the edge of the opening.

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Signed at New York city, in the county of New York and State of New York, this 29th day of November, A. D. 1922.

JULIUS DINHOFER.