

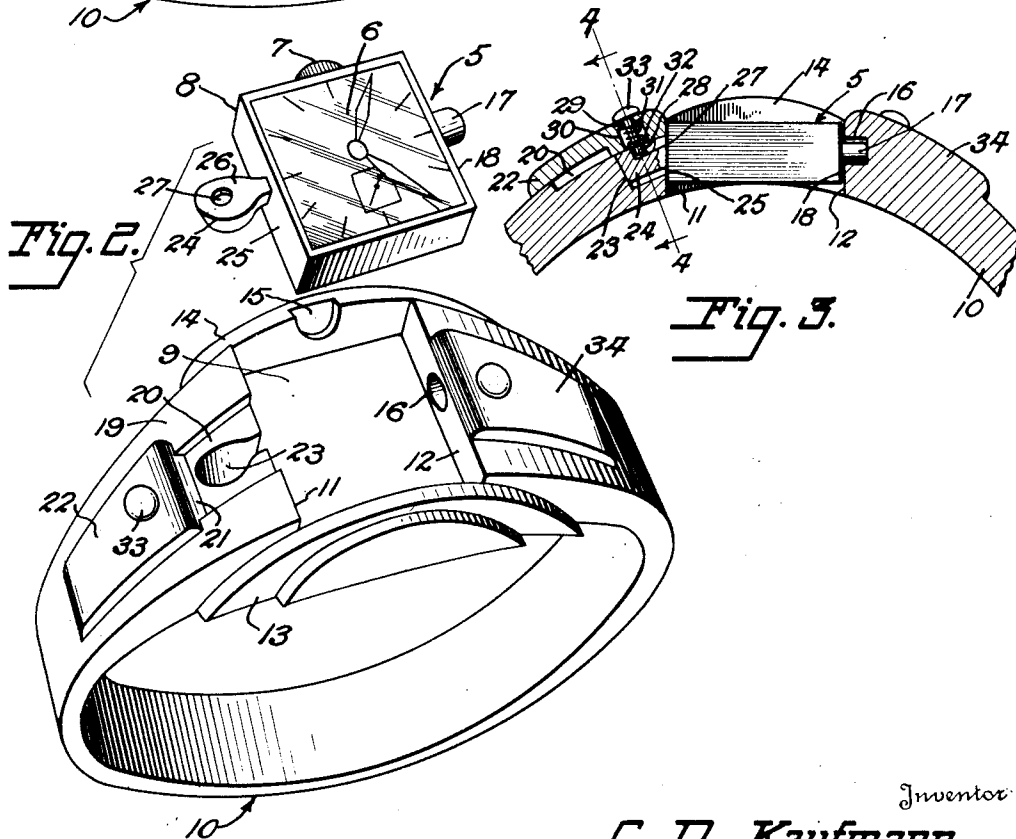
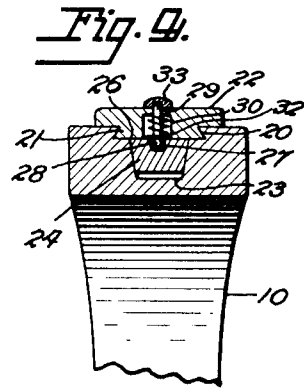
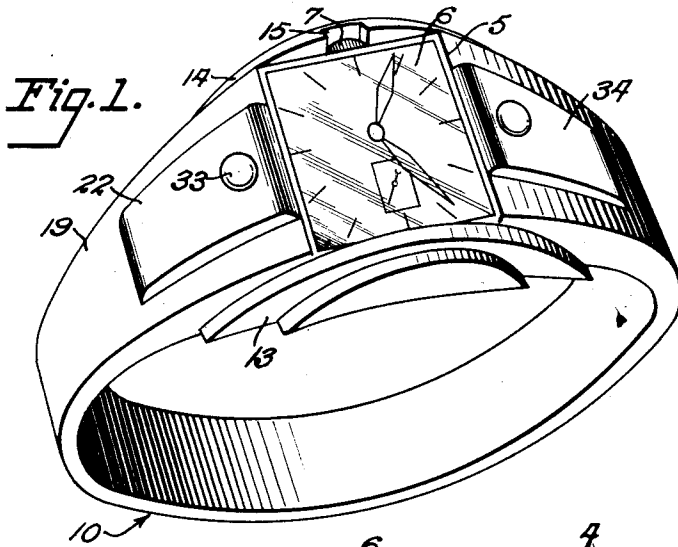
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MOUNTING FOR WATCHCASES

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MOUNTING FOR WATCHCASES

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1 Claim. (Cl. 224-4)

The invention forming the subject matter of this application relates generally to mountings for watchcases and the like; and, more particularly to such mountings in the form of rings, bracelets, sautoirs, etc.

The main object of the invention is to provide a plurality of mountings adapted to receive interchangeably an ornamental casing forming a mount for a watch or other similar article. In other words, the specific object of the invention is to provide supporting frame structure in a ring or bracelet or sautoir adapted to receive detachably and interchangeably a casing in which may be mounted any desired articles of manufacture such as a watch, compact, etc.

Other objects of the invention will become apparent as the detailed description thereof proceeds.

In the drawing:

Figure 1 is a perspective of a substantially rectangular frame within a ring constructed to receive detachably a watch casing of substantially the same outline;

Figure 2 is an exploded perspective of the ring frame shown in Figure 1 with the several parts thereof separated to facilitate disclosure of the invention;

Figure 3 is a fragmentary section taken in a plane bisecting the ring at right angles to the axis thereof; and

Figure 4 is a fragmentary section taken on the line 4-4 of Figure 3.

As shown in the drawing, the invention comprises a substantially rectangular casing 5 in which is suitably mounted the mechanism of a watch 6 designed for winding by a stem 7 projecting through the wall 8 of the casing 5. The casing 5 is designed to be set, with snug fit, in a correspondingly shaped aperture 9 formed as a frame in the ring 10. Preferably this aperture 9 is formed by cutting across the ring to form the spaced apart end walls 11 and 12. Ornamental closure plates 13 and 14 are braced, or otherwise permanently secured, to the opposite side walls of the ring in order to brace the spaced apart elements of the ring and to complete the frame for receiving the casing 5. The closure plate 14 is provided, on its inside face, with a recess 15 to receive the winding stem 7 of the watch 6 when the latter is mounted on the ring. These closure plates 13 and 14 serve to complete the frame for the watch 6, and preferably are shaped as shown in the drawing to enhance the ornamental features of the ring.

The wall 12 of the aperture 9 is provided with

a cylindrical recess 16 adapted to receive a dowel pin 17 projecting laterally from the end wall 18 of the casing 5. The convex face 19 of the ring and the adjacent end wall 11 of the frame 9 are cut away to form a recess having parallel opposite sides inclined to form a dovetail groove 20 slidably receiving a correspondingly shaped dovetail tongue 21 projecting from the concave face of a locking plate 22 which is mounted to slide on the convex face 19 of the ring.

The bottom of the dovetail groove 20 and the end wall 11 are cut away symmetrically of a plane bisecting the ring at right angles to the axis thereof to form a curved dovetail groove 23 adapted to receive snugly a correspondingly shaped lug 24 projecting laterally from the end wall 25 of the casing 5. The plane upper face 26 of the lug 24 is spaced below the top edge of the wall 25 of the casing 5 a distance corresponding to the depth of the dovetail groove 20 below the convex surface 19 of the ring. Obviously, this spacing of the lug 24 below the edge 25 is required to permit the locking plate to slide from the unlocked position shown in Figure 2 to the locking position shown in Figures 1 and 4 of the drawing.

It is to be noted that the lug 24 has its curved edge converging downwardly from the plane face 26; and that the face of the correspondingly curved dovetail groove 23 is similarly inclined to form a rigid support for the lug 24. The lug 24 is provided with a recess 27 adapted to receive a locking pin 28 slidably mounted in a bore 29 formed in the locking plate 22. The bore 29 is expanded to form a chamber 30 in which is mounted a compression spring 31, one end of which butts against the bottom of the chamber 30, while the other end butts against a flange 32 formed on the pin 27. A knob 33 is screw-threaded onto the upper end of the pin 27, after the pin and its spring 31 have been mounted in the chamber 30, to provide for operation of this locking mechanism.

It will be obvious from inspection of the drawing that the locking plate 22 taken in connection with the lug 24 provides a means adapted to lock the casing 5 of the watch securely in position in the aperture 9. The dowel construction at the other end of the casing adapts the same to be quickly mounted on or separated from the ring, since this construction requires only one locking plate to be slidably mounted on the convex surface of the ring. The projection 34 on the side of the ring opposite to the sliding locking plate 22 is intended to have the same shape as the slid-

ing plate to complete the ornamental symmetry of the ring.

While I have shown the invention as applied to a ring, it must be understood that it is not to be considered as so limited, since it is obviously capable of being applied to a bracelet or a sautoir. Wherever used in this application, the word "ring" is to be considered as used for convenience only in defining bracelets, sautoirs, and similar ornamental articles, as well as any conventional form of ring. The ring as shown in the drawing is to be considered as a frame shaped to receive, with snug fit, any casing such as a watchcasing, and it is so claimed herein. Furthermore, it must be understood that the invention is not to be considered as limited to the structural details shown in the drawing, nor in any other manner except

as indicated by the scope of the claim appended hereto.

What I claim is:

In jewelry, a mounting, a setting to receive a watch in the mounting, a guiding lug and a positioning lug fixed to the setting, a companion seat in the mounting for each, the guiding lug and its seat being loose fitting, the positioning lug and its seat providing a tight fit and being shaped to hold the setting wedgingly and nonrotatably in the mounting, a latch movable into one position to engage the positioning lug and hold it against dislodgement from its seat, and into another position to disengage the lug to permit the removal of the watch from the mounting.

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