Feb. 20, 1940. C. D. KAUFMANN 2,191,020

DETACHABLE MOUNTING FOR WATCHCASES

Filed April 18, 1938

Fig. 1.

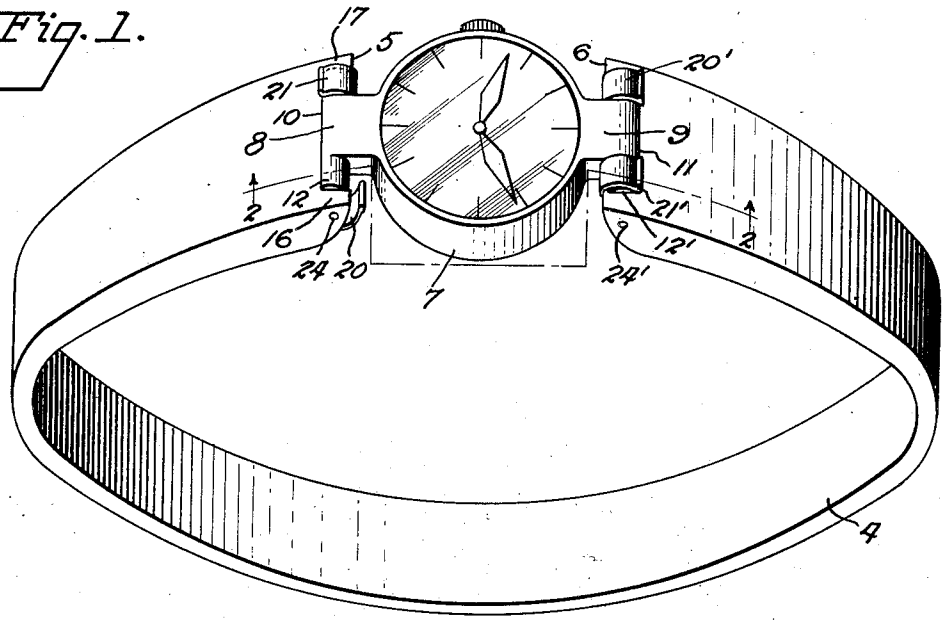


Fig. 2.

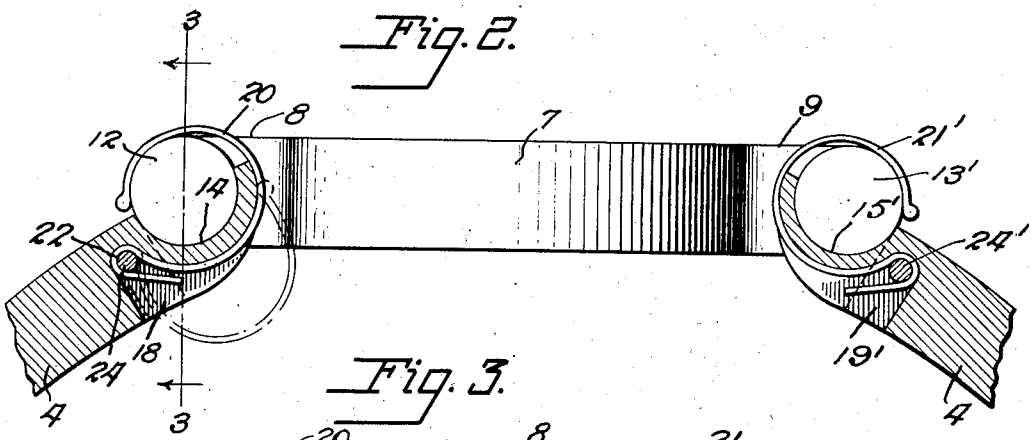
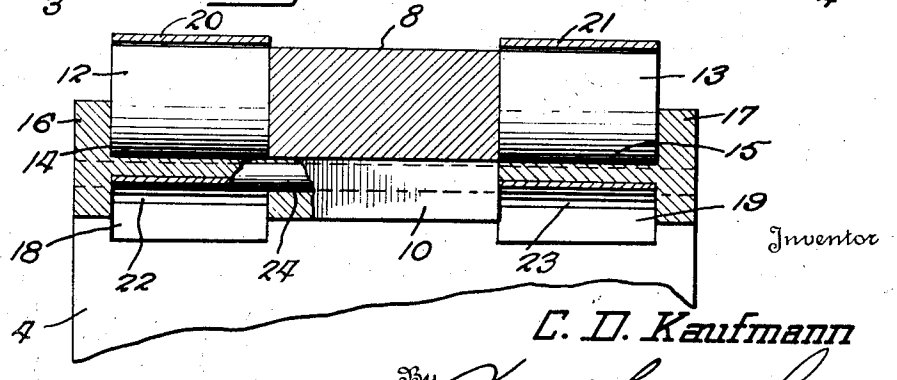


Fig. 3.



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DETACHABLE MOUNTING FOR WATCHCASES

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Application April 18, 1938, Serial No. 202,798

1 Claim. (Cl. 224—4)

The invention forming the subject matter of this application relates generally to detachable 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 present invention is to provide ornamental supporting structures, such as rings, bracelets, sautoirs, etc. with the clamping elements of a coupling adapted to receive and clamp cooperating elements on a casing for watches, compacts, or the like, whereby such casings may be interchangeably mounted on these various ornamental supports.

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

In the drawing:

Figure 1 is a perspective of a watchcase of special construction, detachably mounted on a ring or bracelet;

Figure 2 is a sectional detail, to an enlarged scale, illustrating the structural details of the cooperating ring-casing clamping elements; and

Figure 3 is a section taken on the line 3—3 of Figure 2.

As shown in the drawing, the invention comprises a split ring 4 having its opposite ends 5 and 6 separated to receive and detachably support a watch casing 7. Bosses 8 and 9 extend radially and diametrically opposite to each other, from the casing 7, and are adapted to be received in slots 10 and 11 formed respectively in the opposite ends 5 and 6 of the ring 4.

Cylindrical clamping or pivot pins 12 and 13 extend in opposite directions from the boss 8 and are adapted to seat in semi-cylindrical lock bearing sockets 14 and 15 provided between the projecting end elements 16 and 17 defining the opposite end walls of the ring, and the slot 10. It will be apparent from the drawing that the cylindrical pins 12 and 13 constitute pivots about which the casing 7 may rotate to a limited extent.

In order to clamp the pins 12 and 13 detachably in their respective bearing sockets 14 and 15, the end elements are undercut to form the recesses 18 and 19 receiving the inner pivot ends of spring clamps 20 and 21, respectively. These pivot-inner ends 22 and 23 of the clamps 20 and 21 are bent around a pivot pin 24 extending across the ring 4.

The spring clamps 20 and 21 are shaped to fit the cylindrical contours of the recesses 18 and 19 directly below the cylindrical sockets 14 and 15, respectively; and the free ends thereof are adapted to snap over the pins 12 and 13 to hold the same securely seated in their bearing sockets 14 and 15. The operation of these spring clamps will be apparent to persons skilled in the art from inspection of Figures 1 and 2 of the drawing.

The cooperative clamping mechanism for the other side of the watch is identical with that just described. The corresponding elements, on the other side, are accordingly identified in the drawing by the same reference numerals primed, and further description omitted.

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. Whenever 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. 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 a casing for watches or the like having bosses projecting radially from diametrically opposite portions thereof and a split ring having its opposite ends spaced apart and arranged for securement to said bosses, the combination of pivot pins extending in opposite directions from the outer ends of each of said bosses, and means at the opposite ends of said ring arranged for detachable locking engagement with said pivot pins, said means including semi-cylindrical bearing sockets in each end portion of said ring and extending transversely thereof, a slot in a side wall of each socket separating the same into two portions and arranged to receive one of said bosses, recesses in the ends of said ring spaced from said sockets and at either side of said slot, and spring clamps pivotally mounted in said recesses and arranged to swing about the adjacent ends of said ring whereby to yieldably lock the pins for rotation in the sockets and detachably secure the pins to said ring.

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