Feb. 12, 1935. S. LEWBEL 1,991,284

WATCH

Filed Feb. 23, 1934

Fig. 1.

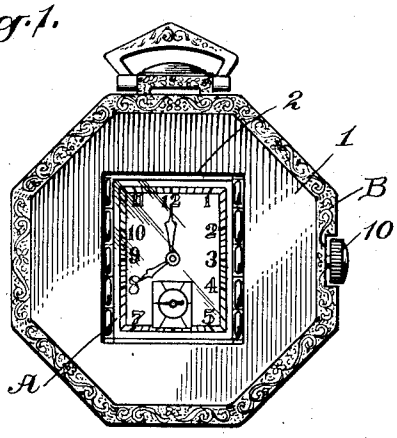


Fig. 2.

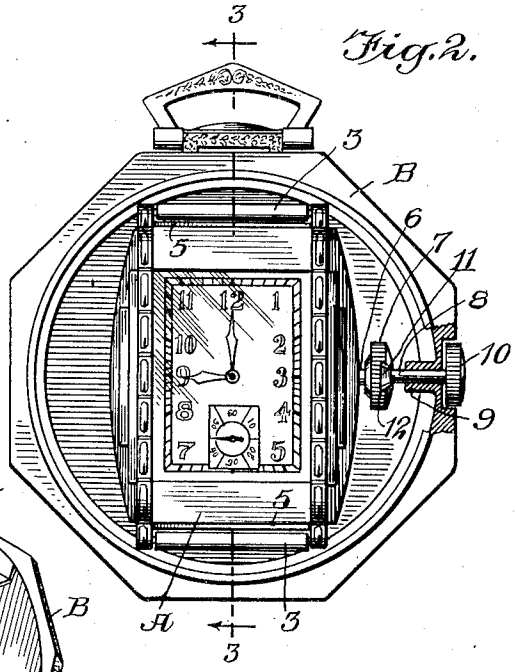


Fig. 4.

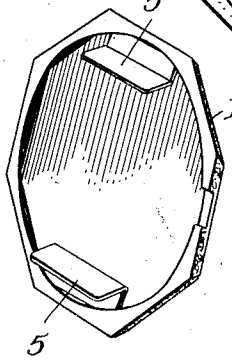


Fig. 3.

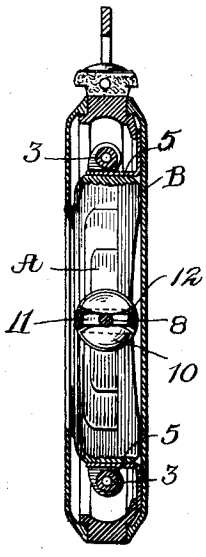


Fig. 5.

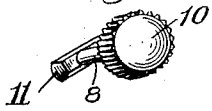


Fig. 6.

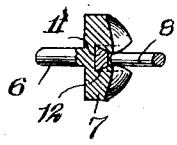
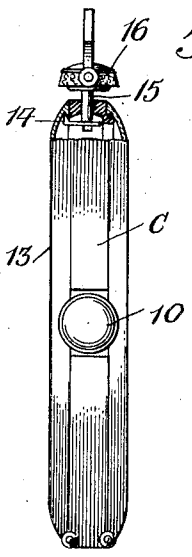


Fig. 7.



WITNESSES

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WATCH

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Application February 23, 1934, Serial No. 712,624

4 Claims. (Cl. 58—8)

This invention relates to watches, and more particularly to an interchangeable combined wrist watch and pocket watch, the primary object of the invention being to provide an improved construction of watch case adapted to receive an ordinary wrist watch, so that when the wrist watch is in the case the watch will function as an ordinary pocket watch and yet permit the wrist watch to be removed and worn on the wrist whenever desired.

A further object is to provide a case with improved mounting therein for a wrist watch and improved coupling means between the crown of the wrist watch and an auxiliary winding and setting arbor or stem carried by the watch case so that the wrist watch when in the case can be wound and set without removing the wrist watch from the case.

With these and other objects in view, the invention consists in certain novel features of construction and combinations and arrangements of parts, all of which will be more fully hereinafter described and pointed out in the claims.

In the accompanying drawing,—

Figure 1 is a view in elevation illustrating my improved watch;

Figure 2 is a view in elevation on a somewhat enlarged scale and partly in section, showing the front or bezel of the watch case removed;

Figure 3 is a view mainly in longitudinal transverse section;

Figure 4 is a perspective view of the watch case, with the front or bezel removed;

Figure 5 is a perspective view of the auxiliary arbor carried by the watch case;

Figure 6 is a view in section illustrating a coupling means between the auxiliary arbor and the crown of the wrist watch; and

Figure 7 is an edge view, partly broken away, illustrating a hunting case type of watch to which my invention is also adapted.

The reference character A is employed generally to indicate an ordinary type of wrist watch, and the reference character B is employed to indicate what is generally known as a pocket watch case. This pocket watch case is adapted to receive the wrist watch A therein, and has a removable front or bezel 1 which is provided with an opening 2 to expose the face of the wrist watch A when the latter is in position in the case B. The wrist watch A is provided at opposite sides with the ordinary arrangement of bars 3 which are slightly spaced from the watch case B to receive straps, chains or other devices for supporting the wrist watch on the wrist of the user. In the case B tongues 5 are secured and these tongues are adapted to engage between the bars 3 and the case of the watch A when the wrist watch is inserted in the case B to hold the wrist watch against lateral or turning displacement. These tongues 5 may constitute angle brackets, as clearly indicated in the figures of the drawing, and they may be resilient so as to permit a certain amount of flexibility thereof and the desired binding action against the bars 3 of the wrist watch A.

The wrist watch A is illustrated as having the ordinary winding and setting arbor 6 and crown 7 thereon, and in the side of the case B an auxiliary arbor 8 is mounted to turn in a suitable bearing 9 and is provided at its outer end with a crown 10. On the inner end of this auxiliary arbor 8 a dove-tail key or tenon 11 is provided and is adapted to enter the dove-tail groove 12 in the crown 7, permitting the arbors 6 and 8 to be coupled together so as to permit the turning movement of the arbors by manipulation of the crown 10, and also permit the arbors to be drawn outwardly by the manipulation of the crown 10 to set the wrist watch A.

The ends or extremities of the dove-tail groove 12 are preferably slightly flared to provide a ready entrance of the key or tenon 11 in the recess so that when the wrist watch A is being inserted into the case B the two arbors may be readily coupled.

Figure 7 of the drawing illustrates an ordinary type of hunting case C with its hinged cover 13 and catch 14 operated by an arbor or stem 15 to permit the case to open when the crown 16 on the end of the stem 15 is forced inwardly. This merely illustrates the idea that the invention may be adapted for use in connection with the hunting case type of watch as well as the open face type of watch.

It will thus be noted that the wrist watch A may be readily located within the case B and be efficiently operated within said case and the face of said watch exposed through said case so that the wrist watch when within the case B will combine with said case in forming what is generally known as an open face pocket type of watch. When it is desired to employ the wrist watch on the wrist it is simply necessary to remove the front end and then remove the wrist watch from the case B and connect suitable straps or other device to the bars of the wrist watch and secure the same to the wrist of the user. I have, therefore, provided what is known

as an inter-changeable type of wrist watch and pocket type of watch.

While I have illustrated what I believe to be the preferred embodiment of my invention it is to be understood that various slight changes may be made with regard to the form and arrangement of parts without departing from my invention, and hence I do not limit myself to the precise details set forth but consider myself at liberty to make such changes and alterations as fairly fall within the spirit and scope of the claims.

What I claim is:

1. The combination with a pocket watch case adapted to receive a wrist watch therein, an auxiliary winding and setting arbor in the wall of the pocket watch case, a crown on the outer end of said auxiliary arbor, a wrist watch removably located in the pocket watch case, said auxiliary arbor and crown of the wrist watch having dove-tail interlocking mortise and tenon coupling engagement.

2. The combination with a pocket watch case adapted to receive a wrist watch therein, an auxiliary winding and setting arbor in the wall of the pocket watch case, a crown on the outer end of said auxiliary arbor, a dove-tail key or tenon on the inner end of the auxiliary arbor, and a crown on the wrist watch located in the pocket watch case and having a dove-tail recess therein to receive the tenon or key, said recess flared at its ends forming an entrance for the key.

3. The combination with a pocket watch case adapted to receive a wrist watch therein, an auxiliary winding and setting arbor in the wall of the pocket watch case, a crown on the outer end of said auxiliary arbor, means for operatively coupling the auixiliary arbor with the crown of the wrist watch when the latter is in the pocket case, and tongues secured in the pocket case and located between the bars at the end of the wrist watch and the wrist watch case, holding the wrist watch case against displacement in the pocket watch case.

4. A pocket watch case adapted to receive a wrist watch therein and having an opening in its bezel to expose the entire face of the wrist watch when the latter is in the case, an arbor at the side of the watch case adapted for coupling engagement with the crown of the wrist watch, and devices in the watch case adapted to engage the ends of the wrist watch and hold the latter against movement in the case.

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