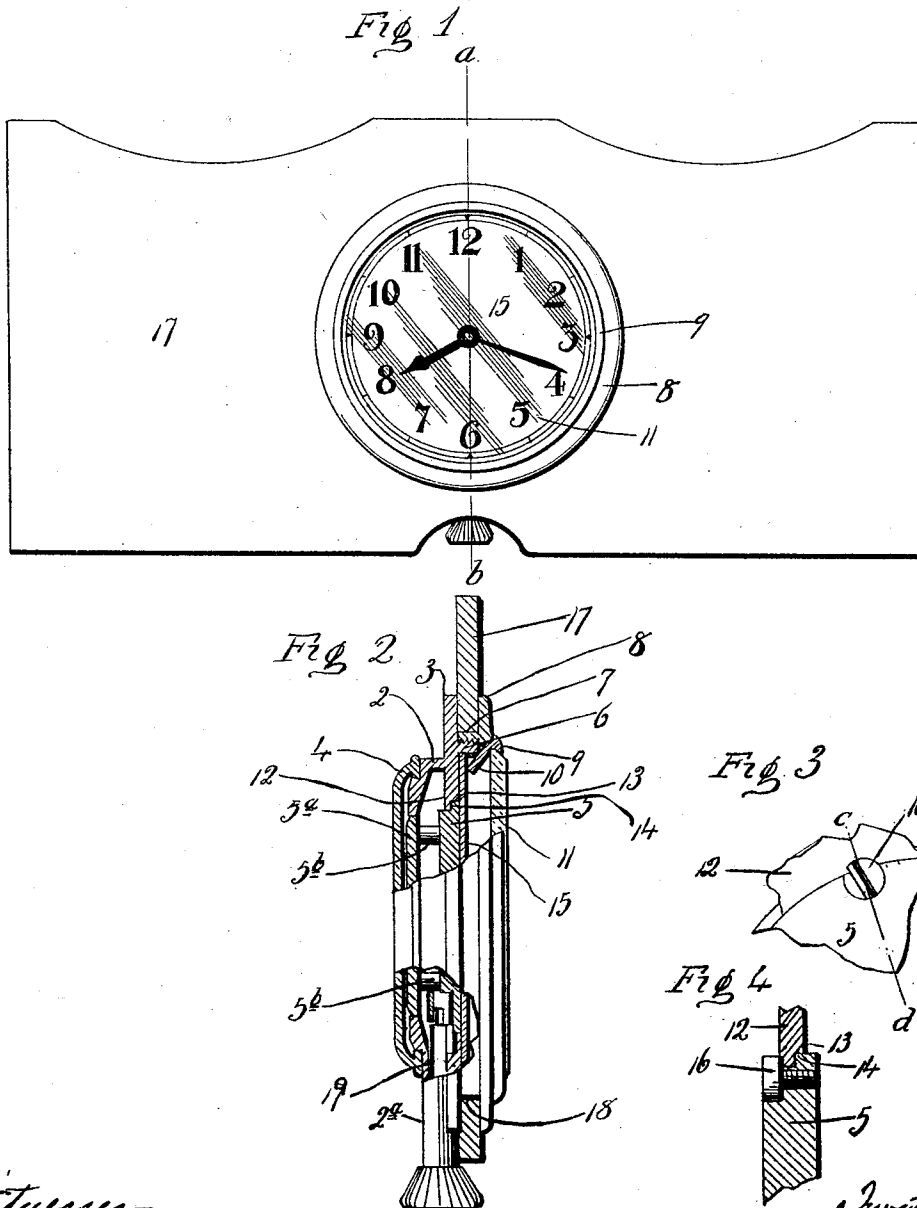


E. HART.
 SELF MOUNTING CASE FOR WATCHES AND WATCH CLOCKS.
 APPLICATION FILED DEC. 18, 1909.

950,780.

Patented Mar. 1, 1910.



Witnesses
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UNITED STATES PATENT OFFICE.

EDWIN HART, OF WATERBURY, CONNECTICUT, ASSIGNOR TO THE NEW ENGLAND WATCH CO., OF WATERBURY, CONNECTICUT, A CORPORATION.

SELF-MOUNTING CASE FOR WATCHES AND WATCH-CLOCKS.

950,780.

Specification of Letters Patent.

Patented Mar. 1, 1910.

Application filed December 18, 1909. Serial No. 533,807.

To all whom it may concern:

Be it known that I, EDWIN HART, a citizen of the United States, residing at Waterbury, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Self-Mounting Cases for Watches and Watch-Clocks; and I do hereby declare the following, when taken in connection with the accompanying drawings and the characters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1 a view in front elevation of a flap having a watch-case constructed in accordance with my invention mounted in it. Fig. 2 a view partly in vertical section, and partly in elevation on the line *a-b* of Fig. 1. Fig. 3 a broken view in elevation showing the screw employed for fastening the watch-movement to the movement-carrying flange of the case-body. Fig. 4 a sectional view on the line *c-d* of Fig. 3.

My invention relates to an improvement in self-mounting cases for watches and watch-clocks, the object being to adapt them to be conveniently and securely mounted for use in automobiles, broughams, and the like, without the use of a screw-driver or other tool, and so as not to impose any undue strain upon any portion of the watch or watch-clock.

With these ends in view my invention consists in certain details of construction and combinations of parts as will be hereinafter described and pointed out in the claims.

In carrying out my invention as herein shown, I provide the case-body 2 upon its open forward edge, with an outwardly extending annular self-mounting flange 3 located in a plane parallel with the plane of the said case-body which is furnished with a removable back-cap 4 giving access to the watch-movement which is introduced into the case-body from the front thereof, and which is represented by the front and back movement plates 5 and 5^a, and by the pillars 5^b. The said self-mounting flange 3 is itself formed upon its forward face with a concentric externally threaded annular spacing-shoulder 6 standing at a right angle to its plane and receiving a corresponding internally threaded spacing-shoulder 7

concentric with and extending inwardly 55 from a self-mounting ring 8 corresponding in diameter to the self-mounting flange 3 and adapted to receive a bezel 9 having a reflector-flange 10 and carrying the watch-crystal 11. As shown the case-body 2 is also 60 formed with an integral inwardly extending movement-carrying flange 12 located in the plane of the self-mounting flange 3 and having its forward face formed with a recess 13 for the reception of a shoulder 14 formed 65 upon the edge of the front movement-plate 5 of the watch-movement which is thus supported and carried by the said flange 12. The dial 15 rests upon the said flange 12 which forms a wide bearing for it as shown 70 in Fig. 2. No part of the weight of the movement is borne by the dial as in some watches of this class. As shown the watch-movement is secured in place by a screw 16 mounted in the front movement-plate 5 in 75 position to engage with the edge of the flange 12, and by the stem-winding and stem-setting stem 19 mounted in the pendant 2^a of the case-body 2 and entering the edge of the movement-plate 5 at a point 80 diametrically opposite the screw 16, or substantially so.

The flap 17, which may be of leather or pasteboard, is formed with a circular opening 18 just large enough to admit the annular spacing-shoulder 7 of the self-mounting ring 8. The case-body 2 and self-mounting ring 8 being applied to the opposite faces of the flap 17 through the said hole 18, the spacing-shoulder 7 of the said ring 8 is 90 screwed upon the spacing-shoulder 6 of the said flange 3 of the said body until the self-mounting flange 3 and self-mounting ring 8 have been brought together so as to pinch the flap 17 tightly between them. In this 95 way the watch-case is mounted without the use of a screw-driver or any other tool; for this reason I have spoken of my improvement as a "self-mounting" case. The flap 17 is so firmly pinched between the flange 3 and 100 ring 8 that dust is effectually excluded from the case.

I have employed the term "flap" to designate the part in which the case will be mounted, using the term in a generic sense 105 to cover any flap or box-front or compartment-front in which it is customary, or may be found desirable, to mount watches or

watch-clocks. In using the term "flap" I do not therefore limit myself to any specific part.

I claim:—

5 1. In a self-mounting case for watches and watch-clocks, the combination with a case-body having an outwardly extending self-mounting flange formed with an externally threaded spacing-shoulder extending
10 forward at a right angle from it, of a self-mounting ring carrying the watch-crystal and provided with an inwardly extending internally threaded spacing-shoulder for co-
15 action with the spacing-shoulder first mentioned in binding the self-mounting flange and self-mounting ring upon the opposite sides of the flap or part in which the watch-
case is mounted.

20 2. In a self-mounting case for watches and watch-clocks, the combination with a case-body having an outwardly extending self-mounting flange formed with an externally threaded spacing-shoulder extending

forward at a right angle from it, and the said case-body being also formed with
25 an inwardly extending movement-carrying flange located in the plane of the said self-mounting flange; of a self-mounting ring carrying the watch-crystal, and provided
30 with an inwardly extending, internally threaded spacing-shoulder for coaction with the spacing-shoulder aforesaid in binding the said self-mounting flange and self-
35 mounting ring upon the opposite sides of the flap or part in which the watch-case is mounted, a watch-movement supported by the said movement-carrying flange, and a
watch-dial having bearing upon the said movement-carrying flange.

In testimony whereof, I have signed this
40 specification in the presence of two subscribing witnesses.

EDWIN HART.

Witnesses:

WM. HENRY WHITE,
JOHN O. SIMPSON.