

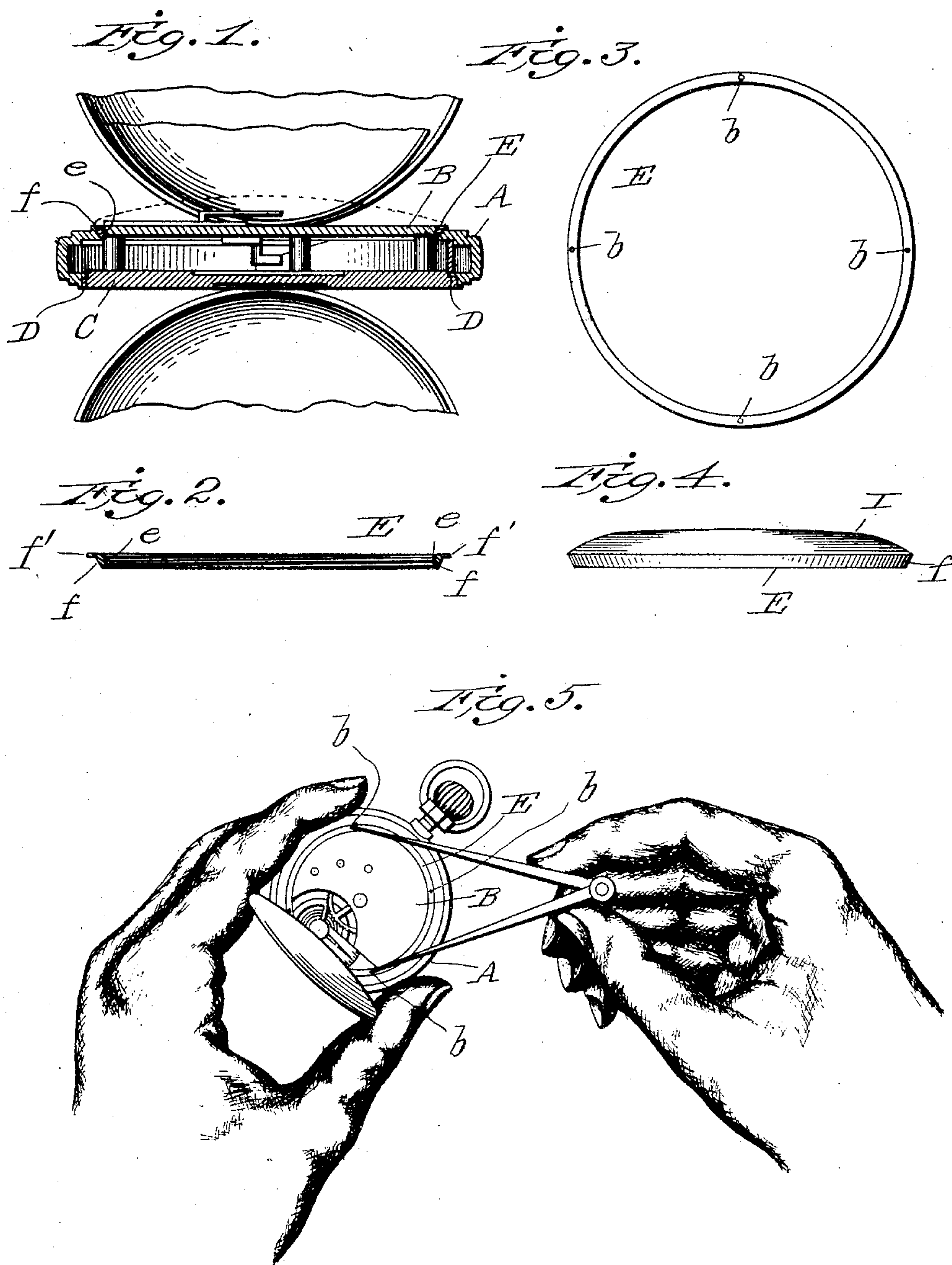
No. 778,251.

PATENTED DEC. 27, 1904.

A. M. KILBERG.

WATCHCASE.

APPLICATION FILED JULY 9, 1904.



Witnesses

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UNITED STATES PATENT OFFICE.

ALBERT M. KILBERG, OF SCRANTON, PENNSYLVANIA.

WATCHCASE.

SPECIFICATION forming part of Letters Patent No. 778,251, dated December 27, 1904.

Application filed July 9, 1904. Serial No. 215,930.

To all whom it may concern:

Be it known that I, ALBERT M. KILBERG, of Scranton, in the county of Lackawanna, State of Pennsylvania, have invented certain new and useful Improved Watch Jamb-Clamps; and I hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and to the letters of reference marked thereon.

The object of this invention is to provide an improved means for securing the works of a watch in the case whereby not only will the frame or movement plates and case-center mutually support each other but the connecting means will distribute the strains uniformly and at the same time retain the movement securely without liability of accidentally becoming loosened.

A further object of the invention is to provide a movement-securing means which will not weaken either the movement-plates or case and which may be used in connection with very thin movements and cases without increasing the thickness.

Referring to the accompanying drawings, Figure 1 is a section through a watch with the wheel-train omitted and showing the application of the present invention. Fig. 2 is a section through the jamb-clamp alone. Fig. 3 is a plan view of the jamb-clamp. Fig. 4 is an elevation of a modified form of the jamb-clamp. Fig. 5 is a perspective view showing one mode of applying or removing the jamb-clamp.

Like letters of reference in the several figures indicate the same parts.

The watchcase-center is indicated by the letter A, the top plate of the movement by the letter B, and the bottom plate of the movement by the letter C. The case-center A is provided with a seat, preferably annular, for the rim of the bottom plate of the movement, as indicated at D, and the rim at the back side of the center is formed with an annular seat for coöperation with the movement-securing device, which I shall term a "jamb-clamp."

This jamb-clamp (indicated by the letter E in the accompanying drawings) is preferably in the form of a ring, the periphery of which is

formed to seat on the rim of the case-center, while its inner diameter is threaded, as at *e*, for engaging a corresponding thread on the periphery of the top plate of the movement. The inner edge of the rim and the periphery of the jamb-clamp are preferably formed on a corresponding taper or bevel to form a conical seat and bearing, as at *f*; but it is obvious that the jamb-clamp may be formed with a flange or shoulder *f'*, Fig. 2, to take a bearing on the outer side of the rim.

In securing the parts together the movement is put in place from the front of the case, and the jamb-clamp is screwed onto the top plate of the movement, said clamp being turned until it takes a firm bearing around the entire rim of the case, thereby drawing the movement firmly into the case and holding it by a uniform pressure front and back.

The face of the jamb-clamp is preferably made to lie substantially flush with the top plate, so as to present a neat appearance and to permit of the watch being made thin and light. For convenience it may be provided with small holes *b* for the insertion of the points of a wrench or other instrument, whereby it may be readily turned into place or removed—as shown, for instance, in Fig. 5.

Obviously the watchcase may be of the hunting-case type or of any other type so far as the present invention is concerned, and it is also obvious that the jamb-clamp may itself form a dust-guard by being closed in on one side, as indicated at I, Fig. 4, and such dust-guard may, as usual, be provided with a glass or crystal, should it be desired, to permit inspection of the movement without opening the same to the air.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination with a watchcase-center having its rim provided with annular seats and a movement having a bottom plate with a peripheral bearing coöperating with the seat on one rim and a top plate, of an annular jamb-clamp threaded onto the edge of the top plate of the movement and taking a bearing on the annular seat of the other rim of the case-center; substantially as described.

2. The combination with a watchcase-center and a movement having its bottom plate seated against the rim on one side of the center, the top plate of said movement being
5 provided with a peripheral thread, of an annular jamb-clamp having an internal thread and seated between the periphery of the top plate and rear rim of the case-center to hold the movement in place; substantially as de-
10 scribed.

3. The combination with the watchcase-center having a rim with an annular tapering seat

and a movement seated in said center and having its top plate threaded peripherally, of an annular jamb-clamp having a peripheral tapering bearing for coöperation with tapering bearing of the rim and an internal thread for coöperation with the thread of the movement-plate; substantially as described.

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Witnesses:

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