

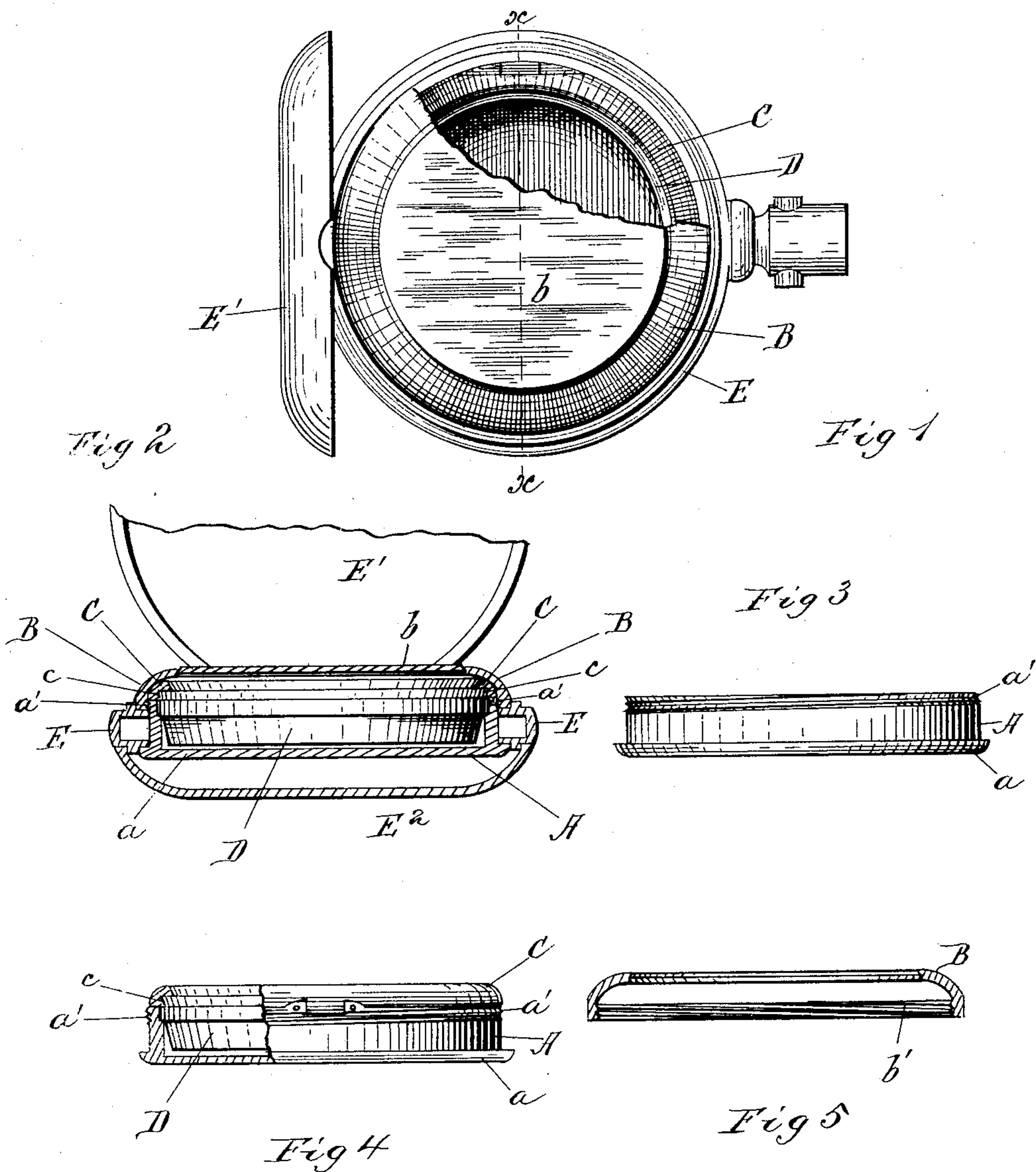
(No Model.)

C. K. GILES.

WATCH CASE.

No. 330,229.

Patented Nov. 10, 1885.



Witnesses

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UNITED STATES PATENT OFFICE.

CHARLES K. GILES, OF CHICAGO, ILLINOIS.

WATCH-CASE.

SPECIFICATION forming part of Letters Patent No. 330,229, dated November 10, 1885.

Application filed April 27, 1885. Serial No. 163,659. (No model.)

To all whom it may concern:

Be it known that I, CHARLES K. GILES, a citizen of the United States, and residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Watch-Cases, which are fully set forth in the following specification, reference being had to the accompanying drawings, in which—

10 Figure 1 is a plan view of a watch-case embodying my invention, a portion thereof being broken away to show the construction; Fig. 2, a sectional view of the same on the line *xx* of Fig. 1; Fig. 3, a detail view of the case-lining detached; Fig. 4, a similar view showing the inner bezel or ring hinged to the case-lining, a portion of the figure being broken away to show the construction, and Fig. 5, a detail sectional view of the bezel proper.

20 Like letters refer to like parts in all the figures of the drawings.

My invention relates to watch-cases, its object being to provide a case-lining which may readily be slipped into place and retained within the case proper, and shall also be readily removable therefrom, while at the same time it will effectively prevent any access of dust to the watch-movement; and to these ends my invention consists in certain novel features, which I will now proceed to describe, and then specifically point out in the claims.

30 In the drawings, A represents a case-lining constructed of suitable material, substantially in the form shown, and provided at its lower edge with a flange, *a*, surrounding the said edge, and at its upper edge with an external screw-thread, *a'*, upon which the bezel B, carrying the crystal *b*, and internally threaded at its lower edge at *b'* fits. It will be observed 40 that when the bezel B is applied to the case-lining the two together will form a dust-proof case or box to protect the movement from injury by dust or the like.

To the upper edge of the case-lining A is 45 hinged, in any suitable manner, the ring or inner bezel, C, provided with a seat, *c*, to receive the movement-ring D, which is snapped or sprung into said seat so as to attach it to the bezel C, as set forth in an application filed 50 by me of even date herewith. It will be seen that with this construction by removing the

outer bezel or bezel proper, B, the inner bezel or ring, C, and the movement-holding ring and movement contained therein can be swung out from the case-lining for inspection or removal, 55 if desired, with great facility.

E indicates a case center of ordinary construction, and E' E² the back and front plates, hinged thereto in the ordinary manner, the whole forming a hunter-case for inclosing the 60 movement. The case-lining A is of such dimensions as to fit closely within the center E, and may readily be inserted in the same from below, being secured in position by screwing the outer bezel or bezel proper, B, upon the 65 screw-threaded upper portion, *a'*, of the lining, so as to clamp the center E between the flange *a* of the case-lining and the lower edge of the bezel, as shown in Fig. 2 of the drawings. 70

The case-lining and the movement arranged therein may be as readily removed by unscrewing the bezel B, and withdrawing the case-lining from the center E in an obvious manner.

With the above construction it will be seen 75 that I provide a dust-proof case-lining to contain the movement, which may be readily placed in position in the case proper and as readily removed, while, at the same time, the movement within the case-lining may be swung 80 out, as hereinbefore described, to permit inspection of the same or its removal when desired.

It will be observed that the hinge-joint between the bezel C and lining A is arranged at 85 a distance of one-quarter of the circumference of the case from the hinge of the top plate, E', thereof, so as to permit the said bezel and the movement attached thereto to be swung out at right angles to the said top plate. 90

It is obvious that various modifications in the details of construction may be made without departing from the principle of my invention, and I therefore do not wish to be 95 understood as limiting myself strictly to the precise details of construction hereinbefore described and shown in the drawings.

I do not lay claim in the present application to the subject-matter claimed in an application filed by me of even date herewith, Serial 100 No. 163,658.

Having thus described my invention, what I

claim as new, and desire to secure by Letters Patent, is—

1. The combination, with the watch-case proper, of a removable case - lining applied
5 within the same and having an outswinging ring to which the movement-holding ring is attached, substantially as and for the purposes described.

2. The combination, with the case-lining A,
10 having flange *a* and screw-threaded portion *a'*, and the bezel B, screw-threaded to fit up-

on the screw-threaded portion of the lining of the hunter-case, composed of the center E and front and back plates, E' E², hinged thereto, the said center being adapted to be clamped 15 between the flange *a* and the lower edge of the bezel B, substantially as and for the purposes described.

CHARLES K. GILES.

Witnesses:

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