

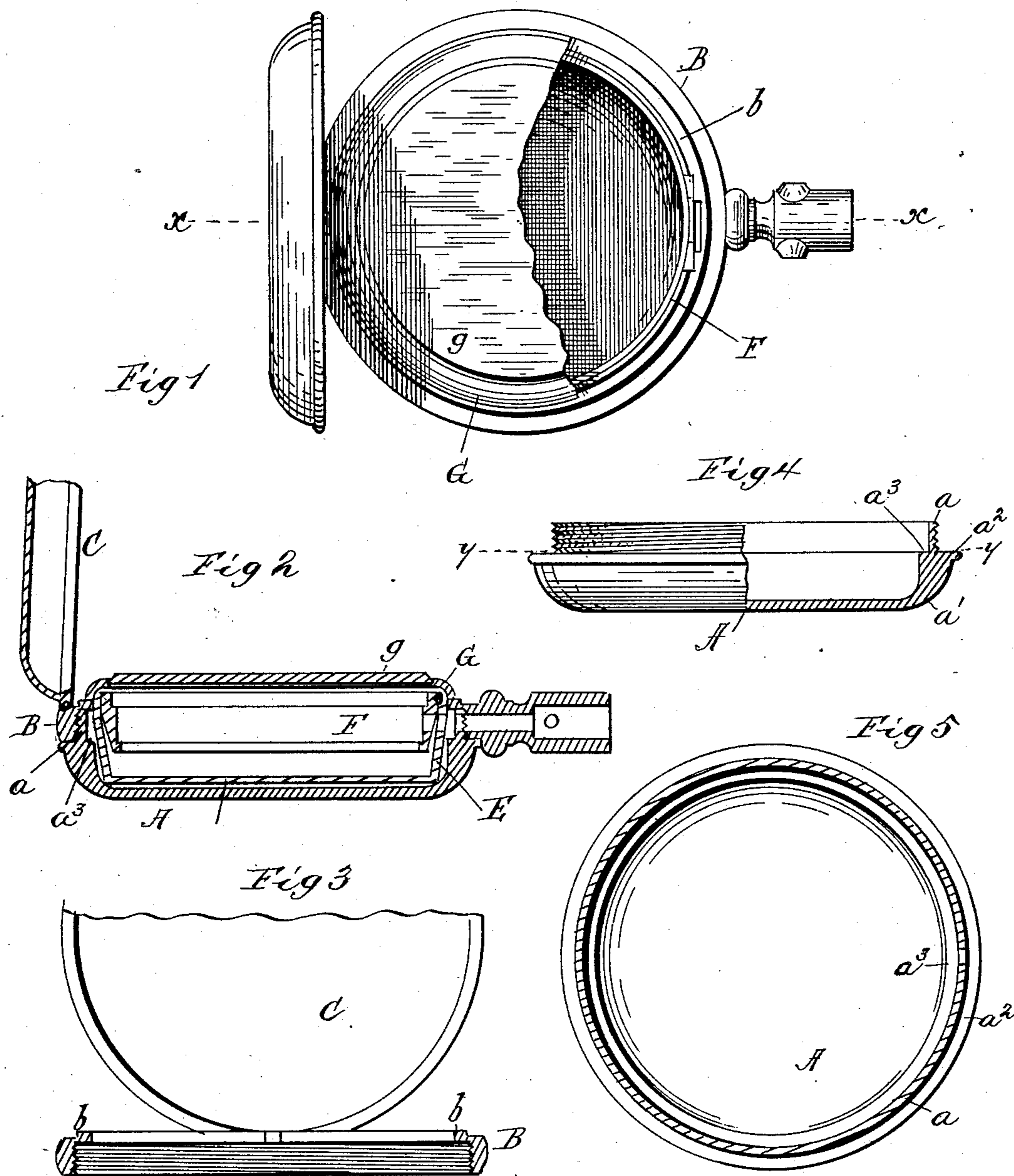
(Model.)

C. K. GILES.

WATCH CASE.

No. 363,817.

Patented May 31, 1887.



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# UNITED STATES PATENT OFFICE.

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## WATCH-CASE.

SPECIFICATION forming part of Letters Patent No. 363,817, dated May 31, 1887.

Application filed December 2, 1885. Serial No. 184,533. (Model.)

*To all whom it may concern:*

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

10 Figure 1 represents a face view of a hunter watch-case embodying my improvements, a portion of the same being broken away to show the construction; Fig. 2, a sectional view of the same, taken on the line  $xx$  of Fig. 1; Fig. 15 3, a sectional view of the ring-center detached; Fig. 4, a view, partly in section, of the cup-shaped case-body detached; and Fig. 5, a sectional view taken on the line  $xx$  of Fig. 4.

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

My invention relates to watch-cases, either hunter or open-face, and pertains more particularly to the construction of the center, back and front caps, and case-lining, the object being to produce a dust-proof case, substantially as hereinafter described.

The present invention is in the nature of an improvement upon the invention set forth in an application filed by me October 22, 1885, 30 Serial No. 180,674.

I will now proceed to describe in detail one way in which I have practically carried out my invention, and will then point out specifically in the claims the particular features 35 which I believe to be new and desire to protect by Letters Patent.

In the drawings, A represents the case-body, which is cup-shaped, the annular body  $a$  and the back cap,  $a'$ , being constructed in a single 40 piece, as clearly shown in Fig. 4 of the drawings.

About midway the case-body is provided on its external portion with a horizontal flange,  $a^2$ , which provides a seat for the ring-center 45 B, which is applied to the portion of the body in front of this flange. The center may be applied to the case-body by slipping it upon the latter, it being made to fit tightly thereon; or the two parts may be threaded, in which case 50 the center is turned upon the body until it is properly seated against the flange. This lat-

ter construction I deem preferable, and it is the one which I have shown in the drawings. The center portion of the case-body is cut away at its upper edge, as shown at  $a^3$ , forming a seat 55 or groove in the said case-body, for the purposes hereinafter described.

The case-center B is provided at its upper edge with an inwardly-projecting flange,  $b$ , as shown in detail in Figs. 2 and 3 of the draw- 60 ings. This flange projects over the upper edge of the case-body A, which abuts against the same when in place, the said flange covering and concealing the upper edge of the case-body, and at the same time forming, in con- 65 junction with the cut-away portion  $a^3$  on the interior of the case-body, a seat for the catch and lifting springs, which may be secured therein in the usual manner. The front cap, C, is hinged to the case-center to complete the 70 outer case, as in my other application hereinbefore specified.

E represents a case-lining, which is constructed as in my application hereinbefore specified, being provided with the out-swing- 75 ing movement-holding ring F, hinged to its margin, and with the crystal-bezel G and crystal  $g$  snapped into position on its upper edge and projecting somewhat beyond the same. In this construction the edge of the said bezel 80 will rest upon the flange  $b$  of the case-center B, and thus support the case-lining and its contents. These parts may be secured in position in the case proper in any suitable manner, the winding-stem, in case the watch is a 85 stem-winder, assisting to hold any position. It will be observed that in this construction the case-lining and its movement-holding ring, together with the crystal-bezel and crystal, 90 will form a complete box, inclosing the movement independent of the case, which box may be readily placed in position from the front of the case and as readily removed. When re- 95 moved, however, the flange  $b$  of the case-center will cover the upper edge of the case-body, and will thereby conceal it from view, giving the case center and body the appearance of being constructed in a single piece.

It is obvious that various modifications in the details of construction set forth and shown 100 in the drawings may be made without departing from the principle of my invention. For

instance, although I have shown my improvement as embodied in a hunter-case watch, it is obvious that it is equally applicable to an open-face watch, the alterations necessary being sufficiently obvious without a detailed description. I therefore do not wish to be understood as limiting myself strictly to the precise details hereinbefore described, and shown in the drawings.

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

1. A cup-shaped case-body having an exterior horizontal flange some distance back of its front edge, in combination with a ring-center 15 applied to the front portion of the case-body, seated on the flange and secured to the body, and provided with an inwardly-projecting flange at its upper edge to cover the upper 20 edge of the case-body, substantially as and for the purposes specified.

2. The cup-shaped case-body A, provided with an externally-horizontal flange,  $a^2$ , and threaded in front of said flange, in combina-

tion with the internally-threaded ring-center 25 B, provided with the inwardly-projecting flange  $b$ , substantially as and for the purposes specified.

3. The cup-shaped body A, provided with the external horizontal flange,  $a^2$ , and internal 30 cut-away portion,  $a^3$ , in combination with the ring-center provided with the inwardly-projecting flange  $b$ , and the front cap, C, hinged to the ring-center, substantially as and for the purposes specified. 35

4. The combination, with the case-body A, having flange  $a^2$ , and the center B, having flange  $b$ , of the lining E, provided with movement-holding ring F and crystal-bezel G, the said case-lining being adapted to fit within the case- 40 body A with the projecting bezel G resting upon the flange  $b$ , substantially as and for the purposes specified.

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