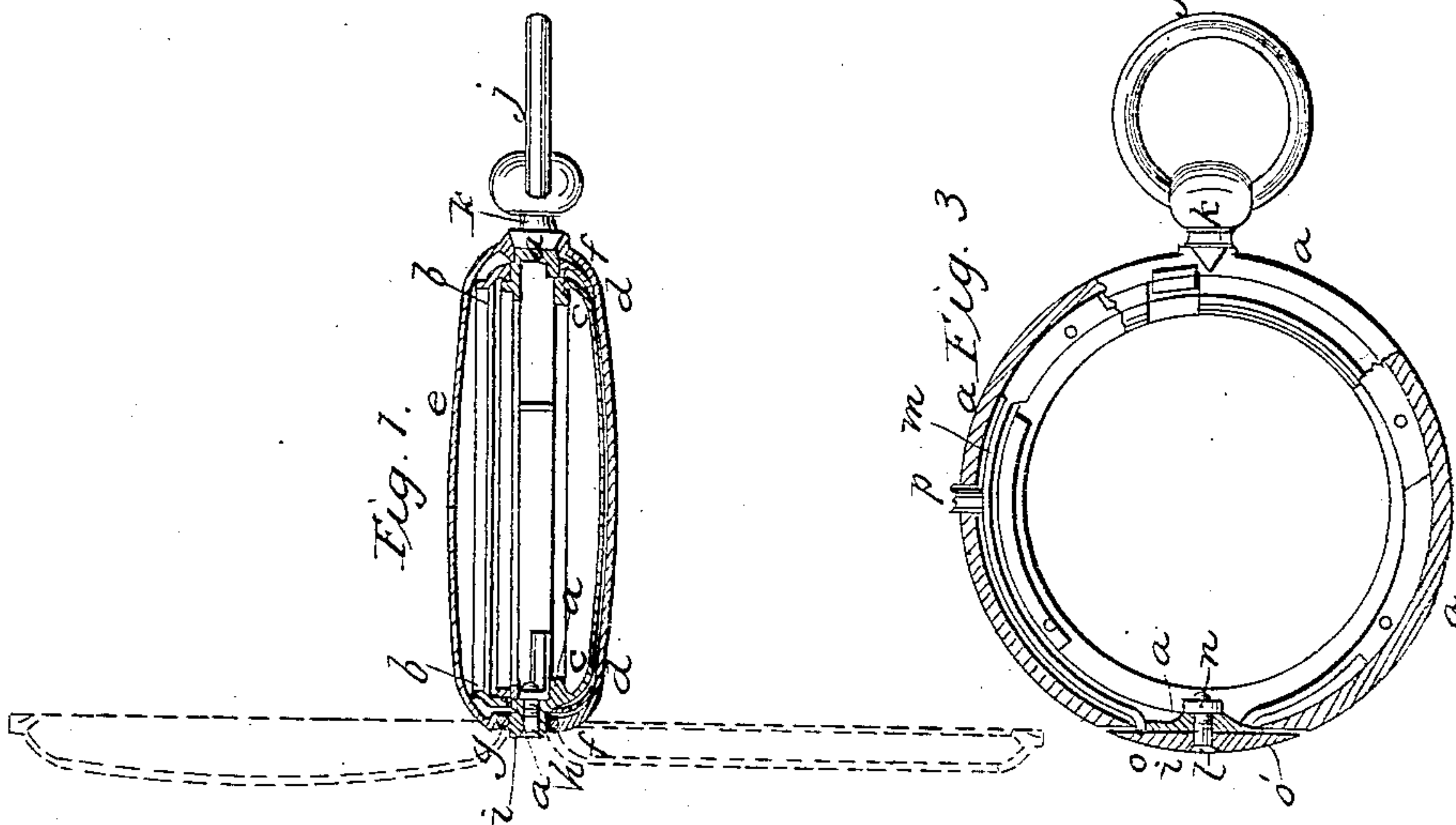
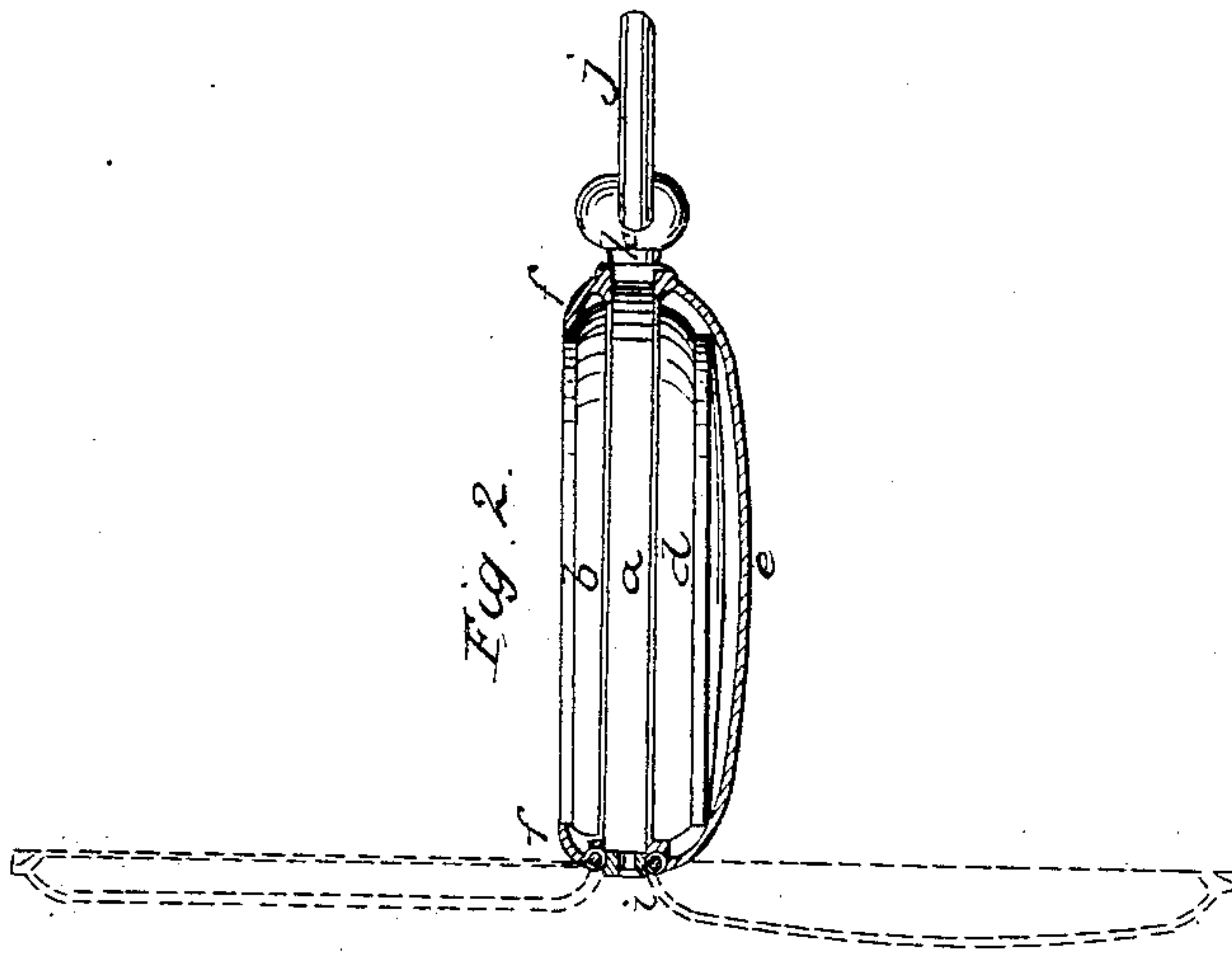


F. S. GILES.

Watch Case.

No. 43,490.

Patented July 12, 1864.



Attest.
Henry Morris
G. W. Reed.

Inventor.
F. S. Giles
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UNITED STATES PATENT OFFICE.

FAYETTE S. GILES, OF NEW YORK, N. Y.

IMPROVEMENT IN WATCH-CASES.

Specification forming part of Letters Patent No. 43,490, dated July 12, 1894.

To all whom it may concern:

Be it known that I, FAYETTE S. GILES, of the city, county, and State of New York, have invented a new and Improved Magic Watch-Case; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to manufacture the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a central section of the case in a plane perpendicular to the dial, showing the case in condition to make a hunting-watch. Fig. 2 exhibits a similar section of that part of the case which constitutes my invention and a side view of the other parts, showing the case in condition to make an open-faced watch. Fig. 3 is a central section of the same parallel with the dial.

Similar letters of reference indicate like parts.

This invention consists in the construction of a magic watch-case with a cap and bezel hinged together and attached to the band of the case by means of a pivot, about the axis of which they are capable of turning together in planes perpendicular to the dial of the watch, whereby I am enabled to obviate the necessity of making the entire case double, and yet to change the case from a hunter to an open-face watch, and vice versa, without detaching any of its parts.

a is the fixed band of the case, in which the movement is permanently secured, having hinged to it the glass bezel *b*, the inner back cap *c*, and the outer back cap *d*. These parts constitute a complete case which contains and incloses the movement of the watch, and which resembles one kind of open-faced case in common use except that the bezel *b* and outer cap *d* are of smaller external circumference than the band *a*.

e is the cap, and *f* the bezel, which constitute my invention, attached by hinges *g* and *h* to opposite sides of a small block, *i*, the inner face of which is made flat and fitted to a flat surface formed upon the exterior of the band *a*, opposite to the pendant *j*, and the exterior of which is finished off in a round form to conform to the exterior of the band, as shown in Fig. 3. This block *i* has riveted, soldered, or otherwise secured to it a pivot, *l*, which is inserted into a hole or bearing provided for it in the band *a*, opposite to and in line with the

shank *k* of the pendant, and secured by a nut screwed onto its inner end inside of the band *a*. The cap *e* is capable of fitting either over the cap *d*, as shown in black outline in Fig. 2, or over the glass bezel *b*, as shown in Fig. 1, and the bezel *f* is capable of fitting snugly either over and around the glass bezel *b*, as shown in Fig. 2 in black outline, or over and around the exterior of the cap *d*, as shown in Fig. 1.

m is a spring stop attached at one end to the interior of the ring *a*, and having its other end formed like a pin and arranged to pass through an opening in the ring *a*, and one of two holes *o o'*, (see Fig. 3,) in the inner face of the block *i*, for the purpose of securing the said block with the cap *e* and bezel *f* in either of the two positions represented in Figs. 1 and 2. This catch has secured to it a small knob, *p*, which protrudes through the exterior of a hole in one side of the ring *a*. By pressing on this with the thumb nail the catch is pressed inward from the block *i*, and the said block, with the pivot *l*, bezel *f*, and cap *e*, left free to turn about the axis of the pivot.

When the bezel *f* and cap *e* are closed in the condition shown in Fig. 1, and the case forms a hunting-watch, all that is necessary to convert the watch into an open faced one is first to open the said bezel and cap, as shown in red outline in Fig. 1, then to press the catch *m* out of the hole *o* in the block *i*, then to turn the said bezel and cap and the said block and its pivot *l* to the extent of one-half a revolution, as shown in red outline in Fig. 2, and the catch then springs into the hole *o'* and locks the block *i*, and the cap and bezel may be closed. To convert the watch again into a hunter, the cap and bezel are again opened, the knob *p* pressed inward, and the cap, bezel, block, and pivot turned to the extent of half a revolution, when the catch *m* springs into the hole *e* and locks the block *i*.

What I claim as my invention, and desire to secure by Letters Patent, is—

The bezel *e* and cap *f*, combined with each other, and with the case of the watch by means of the hinges *g h*, block *i*, and pivot *l*, substantially as herein specified.

FAYETTE S. GILES.

Witnesses:

THOS. L. J. DOUGLAS,
GEO. W. REED.