

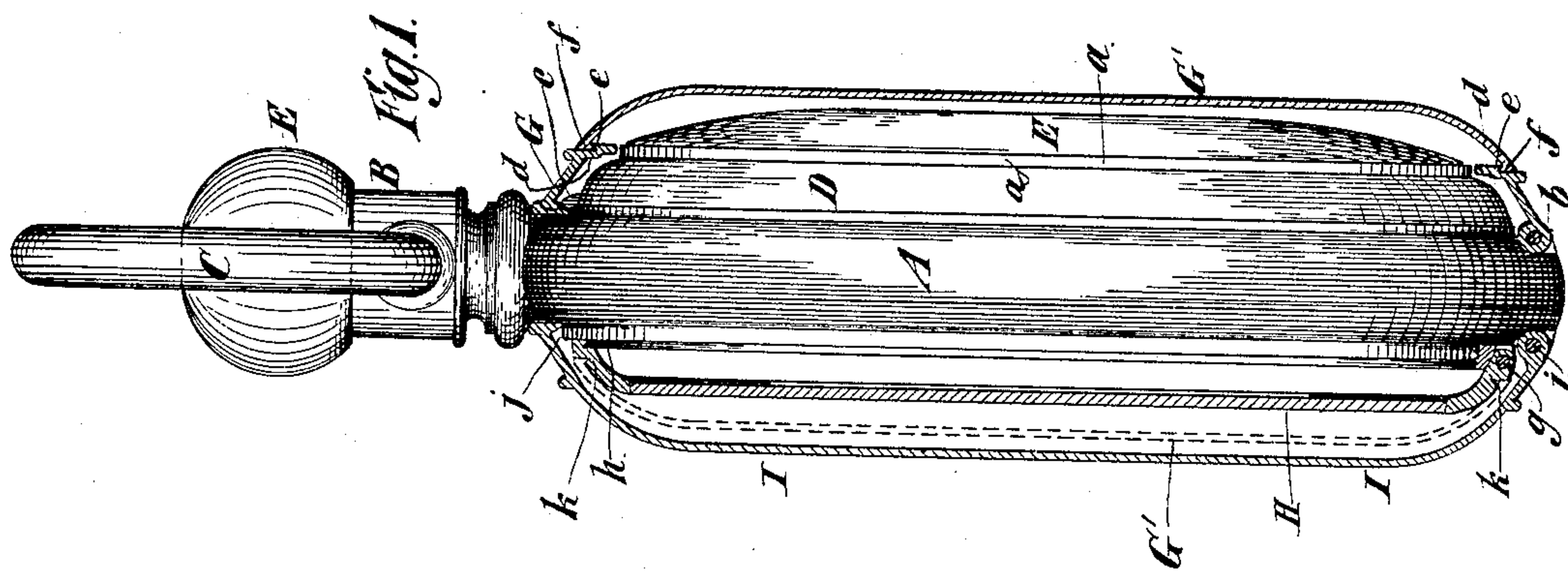
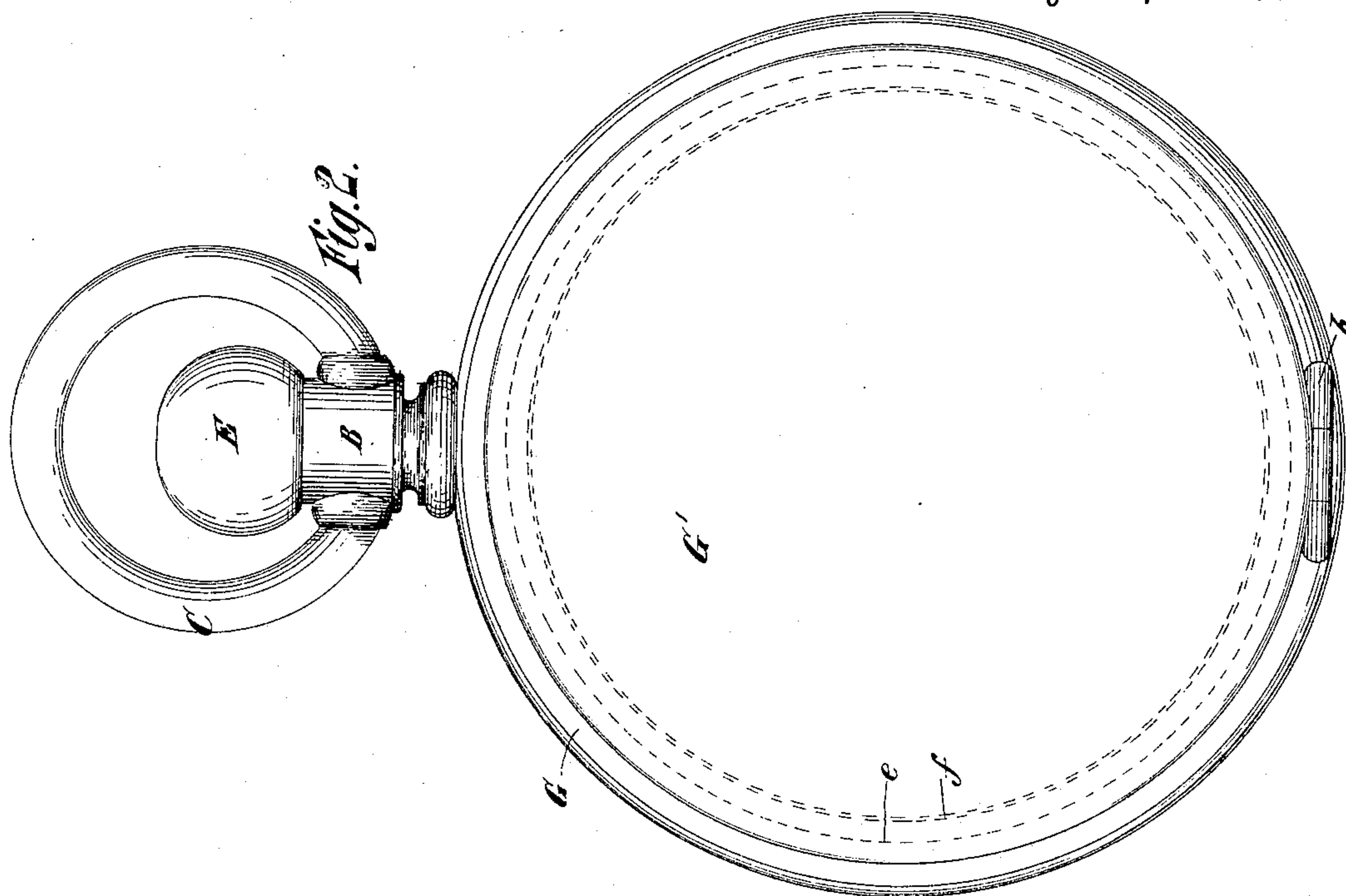
(No Model.)

C. H. SHAW.

WATCH CASE.

No. 323,370.

Patented July 28, 1885.



*Witnesses*  
*James R. Bowen.*  
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# UNITED STATES PATENT OFFICE.

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## WATCH-CASE.

SPECIFICATION forming part of Letters Patent No. 323,370, dated July 28, 1885.

Application filed May 24, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES H. SHAW, of Brooklyn, in Kings county, and State of New York, have invented a certain new and useful  
5 Improvement in Watch-Cases, of which the following is a specification.

The improvement consists in a watch-case comprising the following elements, to wit: a rotary hand-piece for a stem-winding mechanism, a body, a ring forming portion of the  
10 front cover and provided with a circumferential shoulder, a ring forming portion of the inner back cover and provided with a circumferential rabbet, a detachable section having  
15 at its edge an inwardly-turned flange which may be sprung over the shoulder on the ring-shaped portion of the front cover or the rabbet on the ring-shaped portion of the inner back cover, and an outer back cover adapted,  
20 when closed, to inclose both the ring-shaped portion of the inner back cover and the detachable section, when the latter shall have been secured to the ring-shaped portion of the inner back cover, a space being provided be-  
25 tween the inner back cover and the outer back cover for the accommodation of the detachable section.

The improvement further consists in the combination, with the body of a watch-case, of  
30 a crystal or glass holder, a ring forming a portion of the front cover and provided with an inwardly-turned flange fitting snugly around the glass-holder and an outwardly-flaring shoulder, a detachable section having an in-  
35 wardly-turned flange, a ring forming portion of the inner back cover and provided with a rabbet, and an outer back cover, as and for the purposes hereinafter specifically set forth.

In the accompanying drawings, Figure 1 is  
40 a partly-sectional edge view of a watch-case embodying my improvement, and Fig. 2 is a front view of the same.

Similar letters of reference designate corresponding parts in both figures.

45 A designates the body of the watch-case. It is of annular form, as usual. The stem B is fastened to its periphery and provided with a ring, C.

50 On the front of the body A is formed or fastened a crystal or glass holder, D. This may consist of a bezel, receiving the crystal,

extending over the edge of the dial and fastened in the usual manner. It is shown as convex or tapering from the body A outward, and as provided at the extreme front with a  
55 cylindrical portion, *a*.

The crystal or glass E may be of convex or of any other desirable form.

The front cover of the case is composed of two sections, G G'. The section G is ring-  
60 shaped. It is connected by a hinge, *b*, to the body A, and may be fastened by a spring-catch, *c*, operated by a push piece, E'. By pressing in the push-piece the catch *c* will be released, and then the said section may be  
65 swung open upon the hinge. At the front this section has an inwardly-turned flange, *d*, which, when the section is closed, fits snugly around the cylindrical portion *a* of the crystal or glass holder D. On the front of the  
70 flange *d* is an outwardly-flaring shoulder, *e*. The section G' is circular and of concavo-convex shape. It has at its edge an inwardly-turned flange, *f*. This section may be sprung over the outwardly-flaring shoulder *e* of the  
75 section G.

When desirable, the section G' may be attached to the section G, and then the front cover will be so constituted that a hunting-  
case will be formed. When the section G' is  
80 removed from the section G, an open-faced watch is formed. The flange *d* of the section G then fits so snugly around the crystal or glass holder that the crystal or glass appears to be supported in it, and the appearance of  
85 an ordinary open-face watch is produced.

At the back of the watch-case are two covers, H I. The inner cover, H, consists, as here shown, of a ring, connected by a hinge,  
90 *g*, to the body A, and adapted to be fastened, when closed, by being sprung over a flaring rim, *h*. This ring, as here shown, contains a glass. The outer cover, I, is connected to the body A by a hinge, *i*, and may be fastened,  
95 when closed, by being sprung over a rim, *j*, on the body A. The ring of the inner back cover, H, of the case has in its exterior a rabbet, *k*, into which the inwardly-turned flange *f*, of the section G' of the front cover may be  
100 sprung. Thus the said section G' may be secured in place when not used for the front cover.

My improvement is intended for use in watch-cases employed with stem-winding watches only.

It will be observed that a space is provided  
5 between the ring-shaped portion of the inner back cover and the outer back cover for the accommodation of the detachable section, when the latter shall have been secured to the ring-shaped portion of the inner back cover.

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

In a watch-case, the combination, with a body, A, of a crystal or glass holder, D, a ring, G,

forming portion of the front cover, having the inwardly-turned flange *d* fitting snugly around 15 the glass-holder D, and provided with the outwardly-flaring shoulder *e*, the detachable section G', having the inwardly-turned flange *f*, the inner back cover, H, having the rabbet *k*, and the outer back cover, I, substantially as 20 specified.

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Witnesses:

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