

(No Model.)

R. E. FENNER.

WATCH CASE.

No. 365,981.

Patented July 5, 1887.

Fig 1

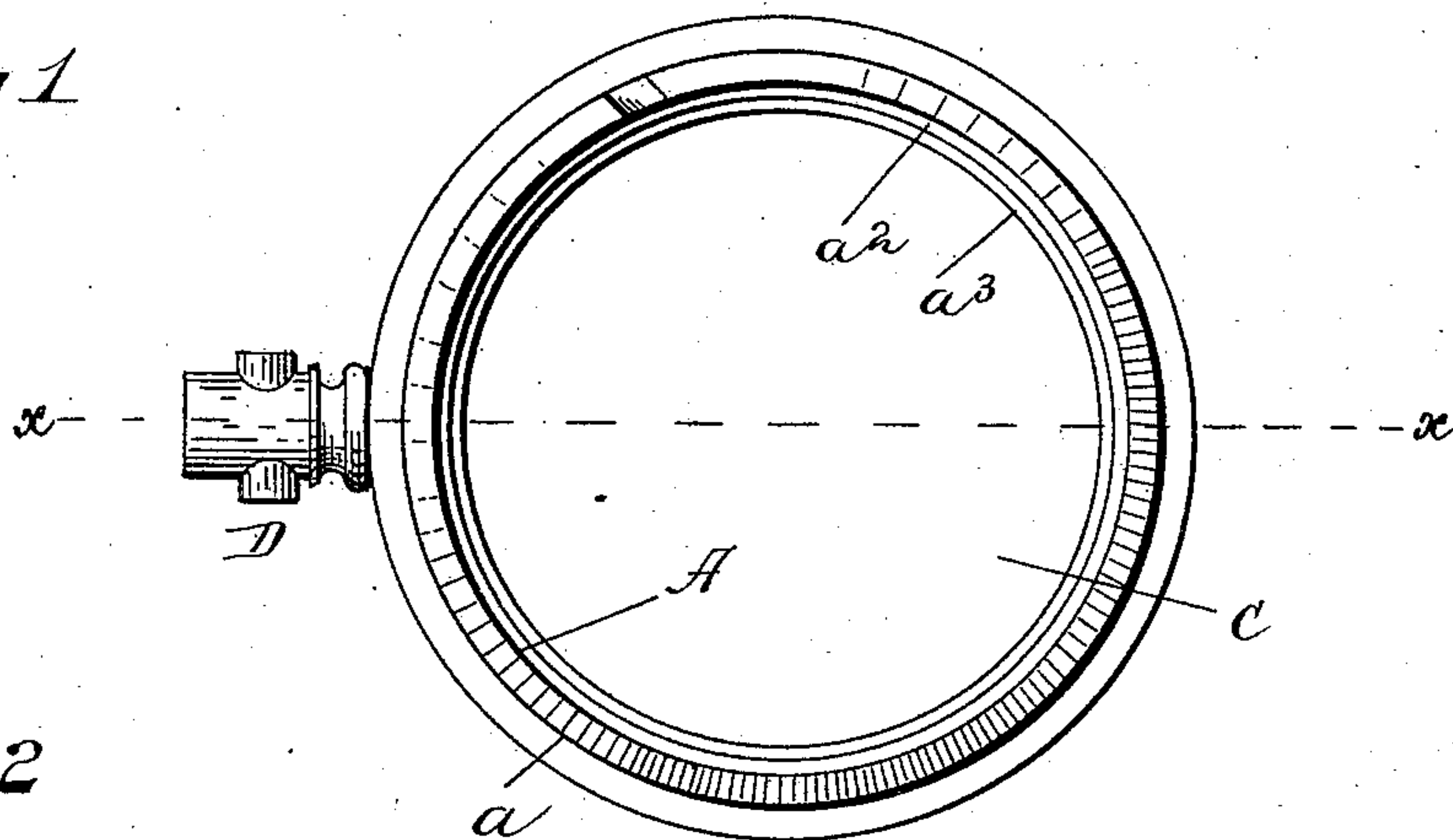


Fig 2

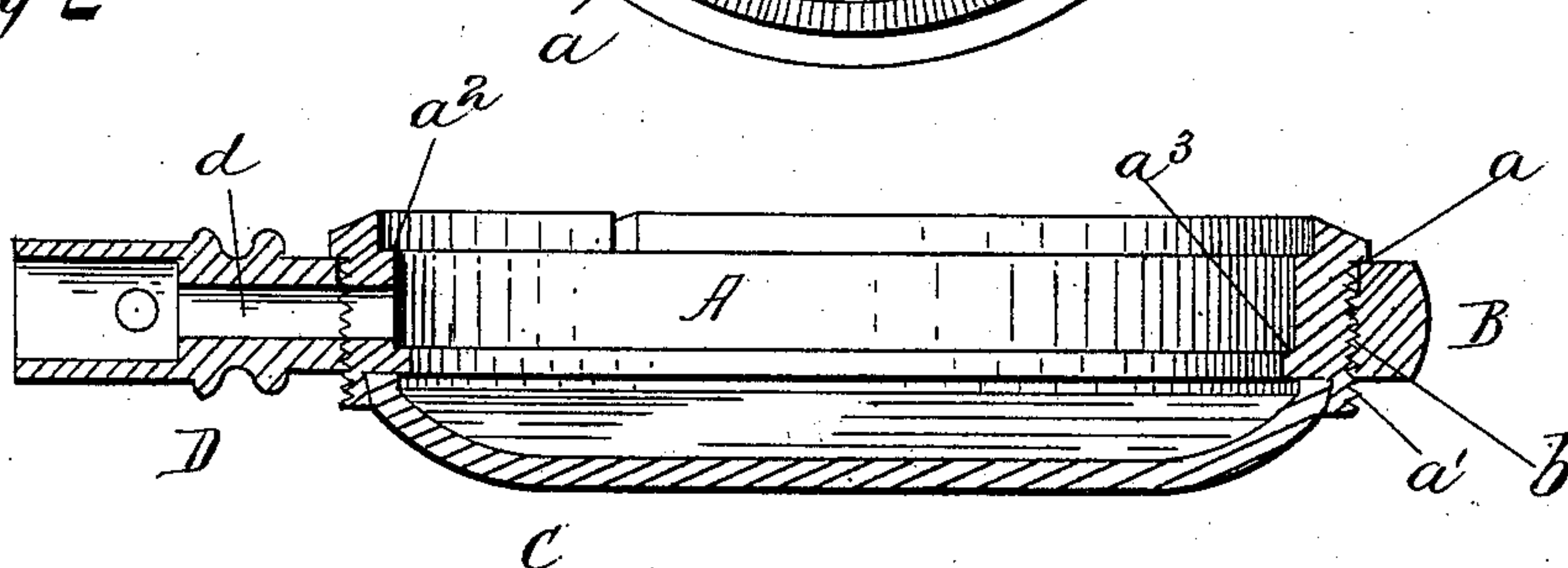


Fig 3

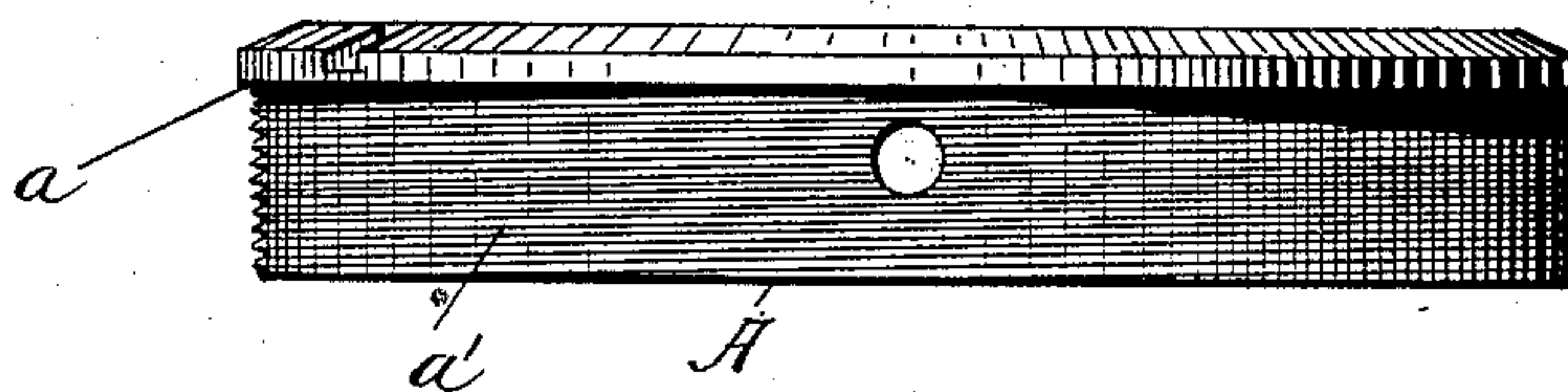
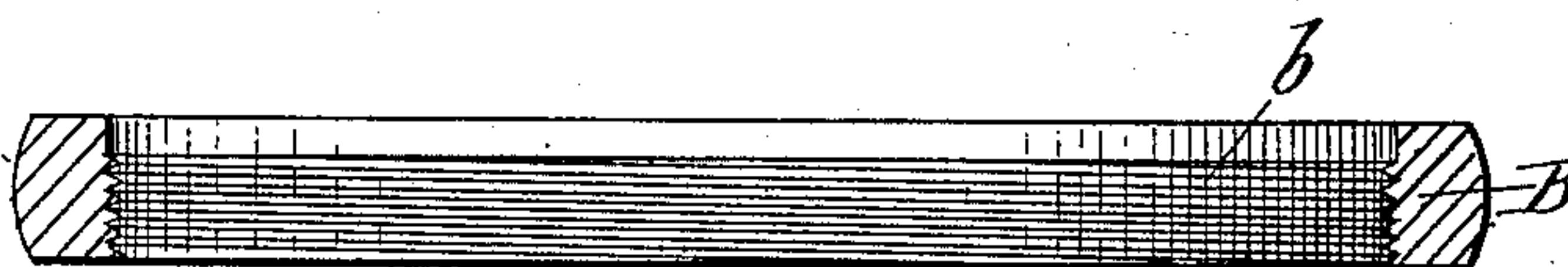


Fig 4



Witnesses

W. C. Corlies
H. M. Best.

Inventor
Richard E. Fenner

By *Coburn & Thacher*
Attorneys

UNITED STATES PATENT OFFICE.

RICHARD E. FENNER, OF CHICAGO, ILLINOIS, ASSIGNOR TO CHARLES K. GILES, OF SAME PLACE.

WATCH-CASE.

SPECIFICATION forming part of Letters Patent No. 365,981, dated July 5, 1887.

Application filed March 19, 1885. Serial No. 159,482. (No model.)

To all whom it may concern:

Be it known that I, RICHARD E. FENNER, 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—

Figure 1 represents a plan view of a movement-box and center embodying my improvements; Fig. 2, a section of the same, taken on the line $x x$, Fig. 1, and on an enlarged scale; Fig. 3, an elevation of the movement-box on the same enlarged scale, and Fig. 4 a cross-section of the ring-center on the same enlarged scale.

My invention relates to watch-cases in which a movement box or band is employed and an independent ring-center; and the object of my improvements is to provide for the ready application of the center to the box and its accurate adjustment with a close and perfect fit.

The invention consists in certain special features of construction of the parts just mentioned, which I will proceed to describe in detail, and will then point out definitely in the claim the special improvements which I believe to be new and wish to protect by Letters Patent.

In the drawings, A represents a box or band which is designed to receive the movement of a watch. This box has at its front or face edge a flange, a , projecting outward slightly entirely around the box, and the exterior surface of the latter is threaded the entire space up to this flange, this threaded portion being indicated by the letter a' in the drawings.

On the inside of the box there is provided, near the front edge, a seat, a^2 , for the reception of the movement-plate, and another similar seat, a^3 , near the back edge, also for the movement, so that means are provided for readily securing the movement within the box.

The center B is annular or ring-formed, and I prefer to make it solid, as shown in the drawings, though it is not absolutely necessary to construct it in this way. This center is adapted to be applied to the exterior of the box, and is provided with a screw-thread upon its

interior surface, b , which corresponds to the exterior thread of the box, and therefore provides for fitting and securing the ring-center to the latter. A back cap, C, is fastened to the back edge of the box, being preferably arranged within the latter, as shown in Fig. 2 of the drawings, and soldered to it so as to be permanently fixed.

Now, it will be seen that the ring-center may be turned upon the box until it is finally turned up tightly against the flange on the latter, which flange is located so as to bring the center into about the position desired when turned up against it. The position of the center is therefore fixed and definite, and is also readily secured, for it is fitted by turning it clear up against the flange. The flange may be cut away at such places and to such an extent as may be desired.

The center is provided with a pendant, D, and in fitting the parts together for use the center is first turned up tightly against the flange on the box, and the latter is then drilled through the pendant to provide a hole, d , for the stem; and no other fastening is required for securing the center to the box. I thus provide a solid secure fit of the center to the box, which does not require any nicety of adjustment. The remaining parts of the case may be applied in any desirable way to provide either a "hunter-case" or "open-face," as may be desired, these parts being secured to the center or box in any suitable way, the two latter parts being provided with the proper appliances for the attachment of said pieces. These features of construction, however, constitute no part of my present invention, and therefore I have not shown them in the drawings, and do not describe them with any further detail. They are matters of choice, which may be readily varied by different watch-makers.

I have described above one way of applying the back cap. However, I do not wish to be understood as limiting my invention to this mode, for this piece may be applied in some other way.

I am aware of Letters Patent No. 301,264, granted August 26, 1884, to E. O. Fitch, and I do not wish to be understood as claiming anything set forth in said Letters Patent.

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

5 The movement box or band A, provided with the exterior flange, *a*, and the threaded surface *a'*, in combination with the internally-threaded ring-center B and the back cap, D,

secured to the box, substantially as and for the purposes set forth.

RICHARD E. FENNER.

Witnesses:

J. HARRIS,

J. M. PARSHALL.

Correction in Letters Patent No. 365,981.

It is hereby certified that in Letters Patent No. 365,981, granted July 5, 1887, upon the application of Richard E. Fenner, of Chicago, Illinois, for an improvement in "Watch Cases," an error appears in the printed specification requiring correction, as follows: In line 7, page 2, the reference letter "D" should read *C*; and that the Letters Patent should be read with this correction therein that the same may conform to the record of the case in the Patent Office.

Signed, countersigned, and sealed this 19th day of July, A. D. 1887.

[SEAL.]

D. L. HAWKINS,

Acting Secretary of the Interior.

Countersigned:

BENTON J. HALL,

Commissioner of Patents.

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