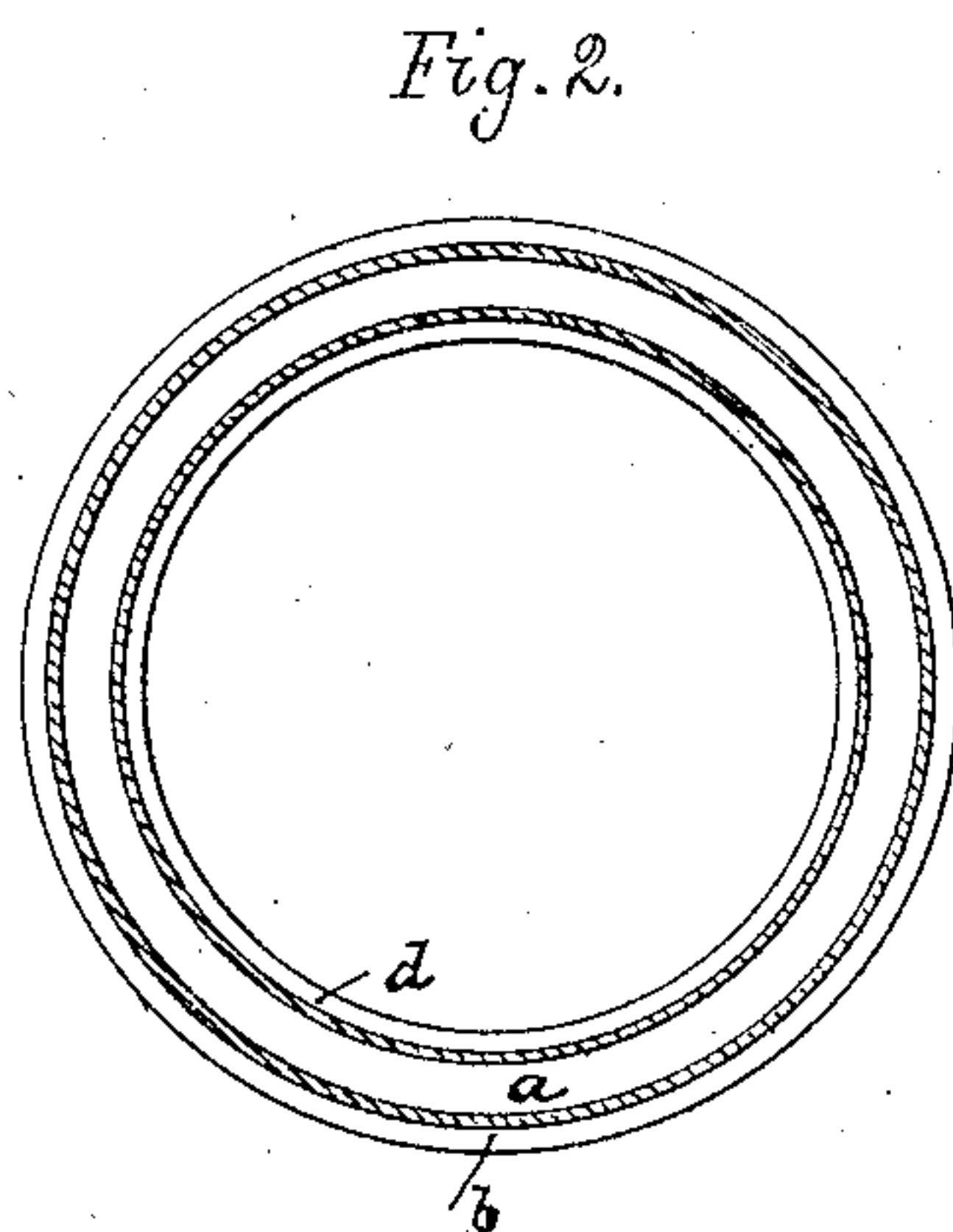
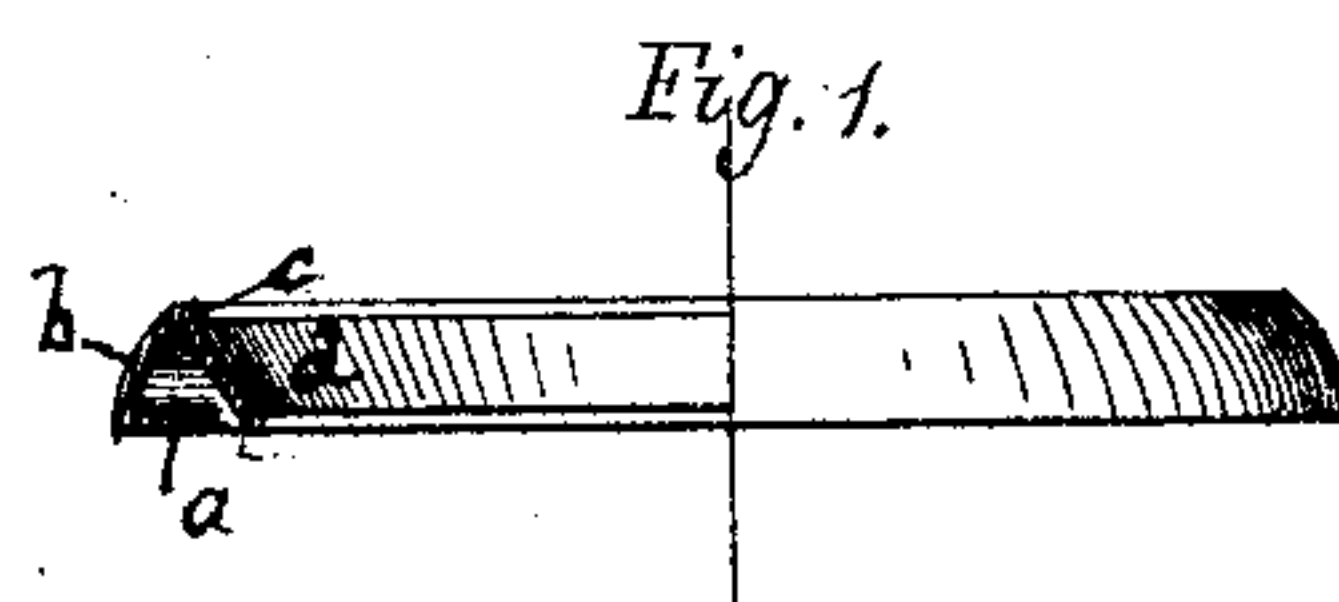


C. L. THIERY.
Watch-Case Bezels.

No. 153,633.

Patented July 28, 1874.



Witnesses.
Francis E. Fayou.
W. C. Boardman.

Charles L. Thiery.
Atty.

UNITED STATES PATENT OFFICE.

CHARLES L. THIERY, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN WATCH-CASE BEZELS.

Specification forming part of Letters Patent No. **153,633**, dated July 28, 1874; application filed November 13, 1873.

To all whom it may concern:

Be it known that I, CHARLES L. THIERY, of Boston, Suffolk county, Massachusetts, have invented certain Improvements in the Manufacture of Watch-Cases, of which the following is a specification:

This invention is one of a series which I have made upon the manufacture of watch-cases, and for which several Letters Patent of the United States have been issued to me.

This invention relates to the manufacture of watch-bezels adapted to hold thick glass crystals, such as recently have come in vogue.

I make the bezel of one homogeneous piece of metal, preferably using, in the manufacture, the machine described in Letters Patent No. 106,561, of August 23, 1870, now owned by me, and employing a process of manufacture analogous to that set forth in my Letters Patent No. 96,632, of November 9, 1869.

The above will suffice to indicate to one skilled in the art the manner in which my improved bezel can be produced. I shall now proceed to indicate, by reference to the accompanying drawing, the features characterizing said bezel.

Figure 1 is a sectional elevation of the glass bezel made of one entire homogeneous piece of metal without solder or joints. Fig. 2 is a longitudinal section of the same.

The bezel is made of sheet metal. It has a horizontal base, *a*; an upwardly-extending

side, *b*, inclined and preferably curved, as shown; a ledge, *c*, slightly beveled, so that its upper edge will overhang a little its lower part; and an internal slanting supporting-face, *d*, which extends down nearly to the plane of base *a*. On the incline supporting-face *d* the correspondingly-beveled periphery of the thick glass crystal rests, and is held tightly by the ledge *c*, the upper edge of which snaps or closes over the top edge of the crystal, when the latter is forced down into the bezel and against the inclined face *d*.

A bezel is thus produced well adapted to hold and support the thickest crystal in use, while, in the construction of the bezel itself, there is considerable economy of material, only so much metal being used as is indispensable, the bezel, as seen, being quite tubular or hollow.

I do not broadly claim making watch-bezels of one homogeneous piece of metal; but

What I do claim, and desire to secure by Letters Patent, is—

The watch-case bezel of one homogeneous piece of metal, formed as shown and described, with base-flange *a*, inclined exterior *b*, ledge *c*, and inclined interior supporting-face *d*, for the purposes set forth.

CHARLES LOUIS THIERY.

Witnesses:

F. CURTIS,

W. E. BOARDMAN.