

(No Model.)

W. E. PORTER.
WATCHCASE.

No. 552,329.

Patented Dec. 31, 1895.

Fig. 1

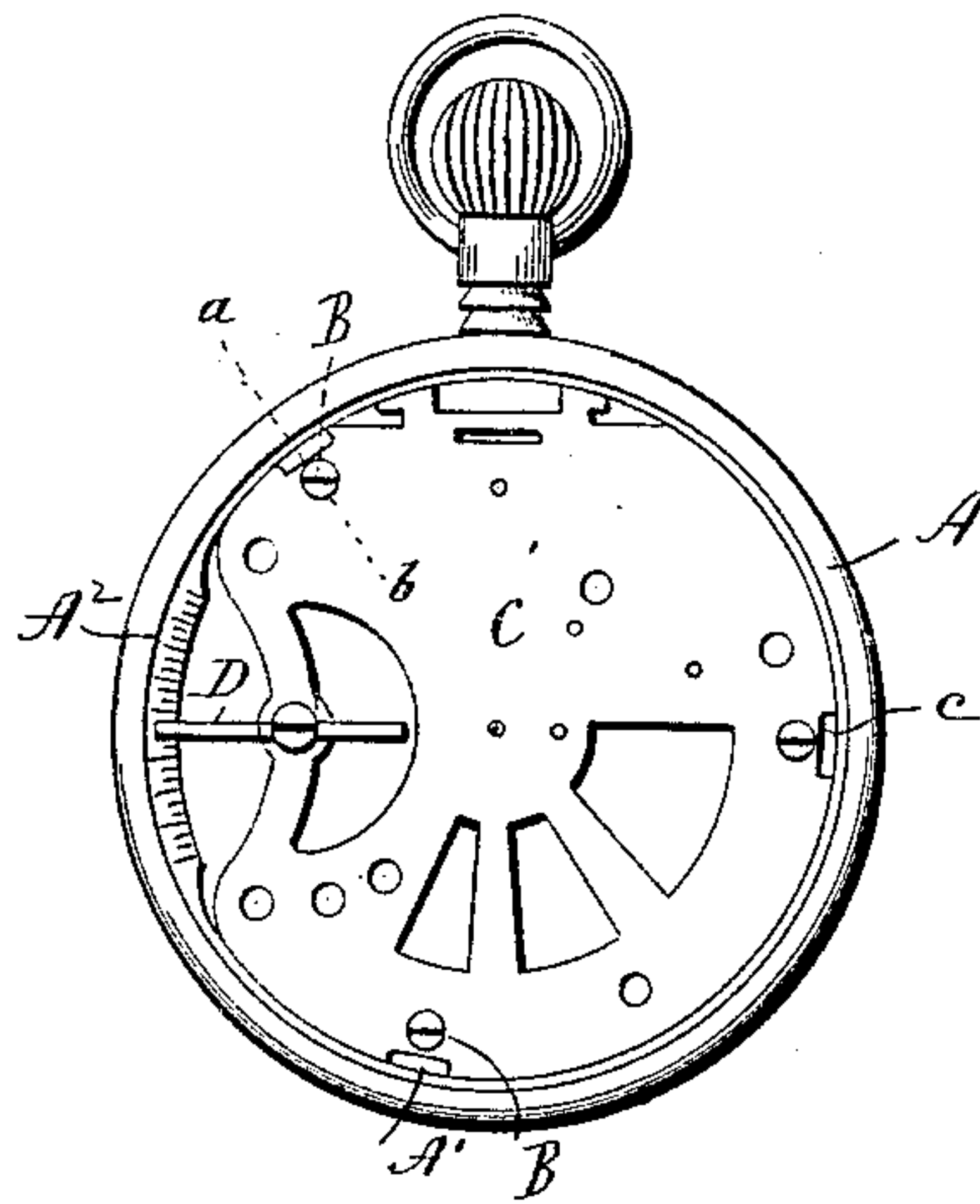


Fig. 2

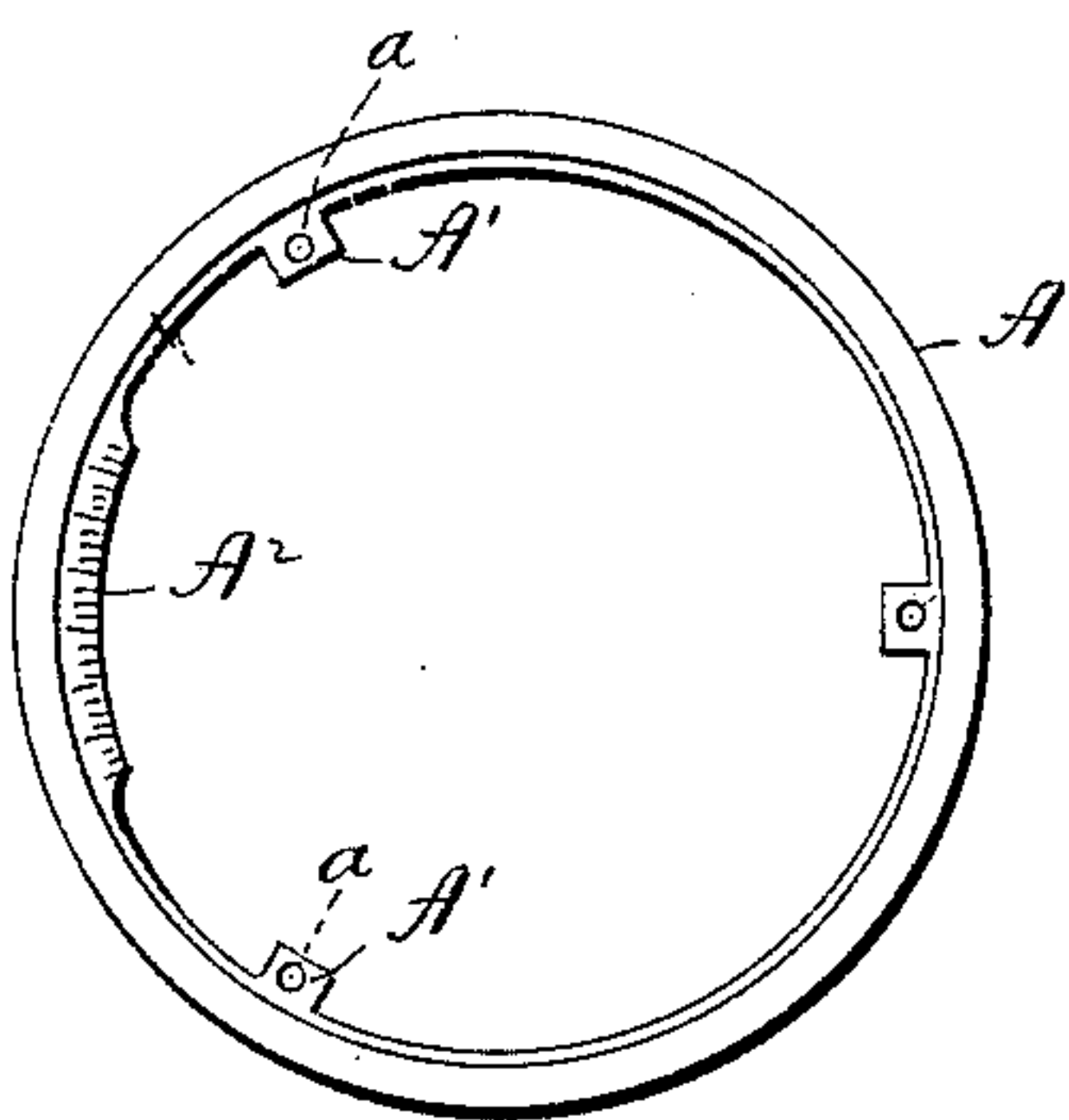


Fig. 3

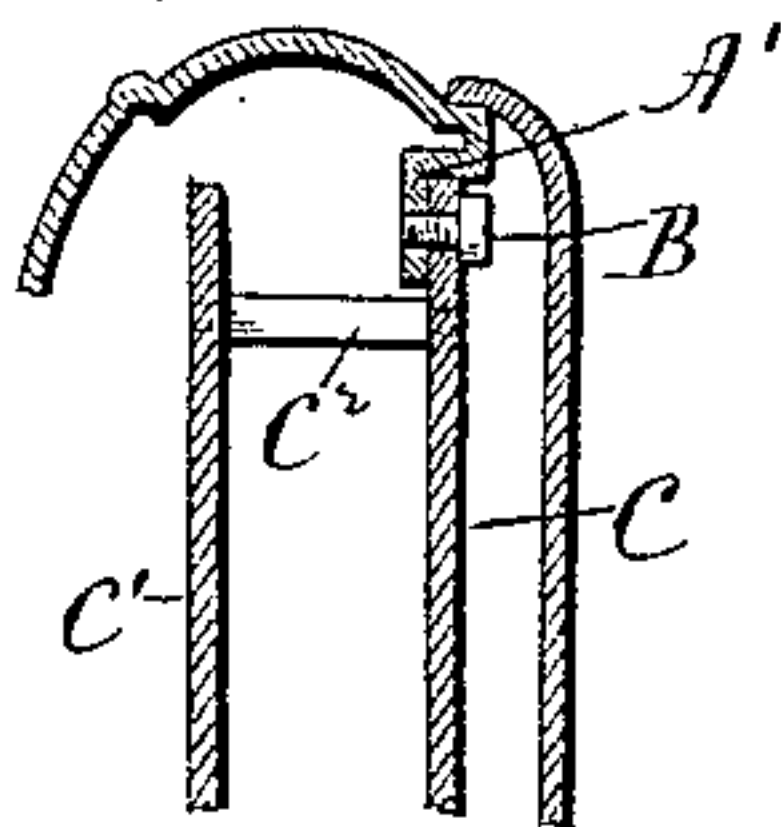


Fig. 4

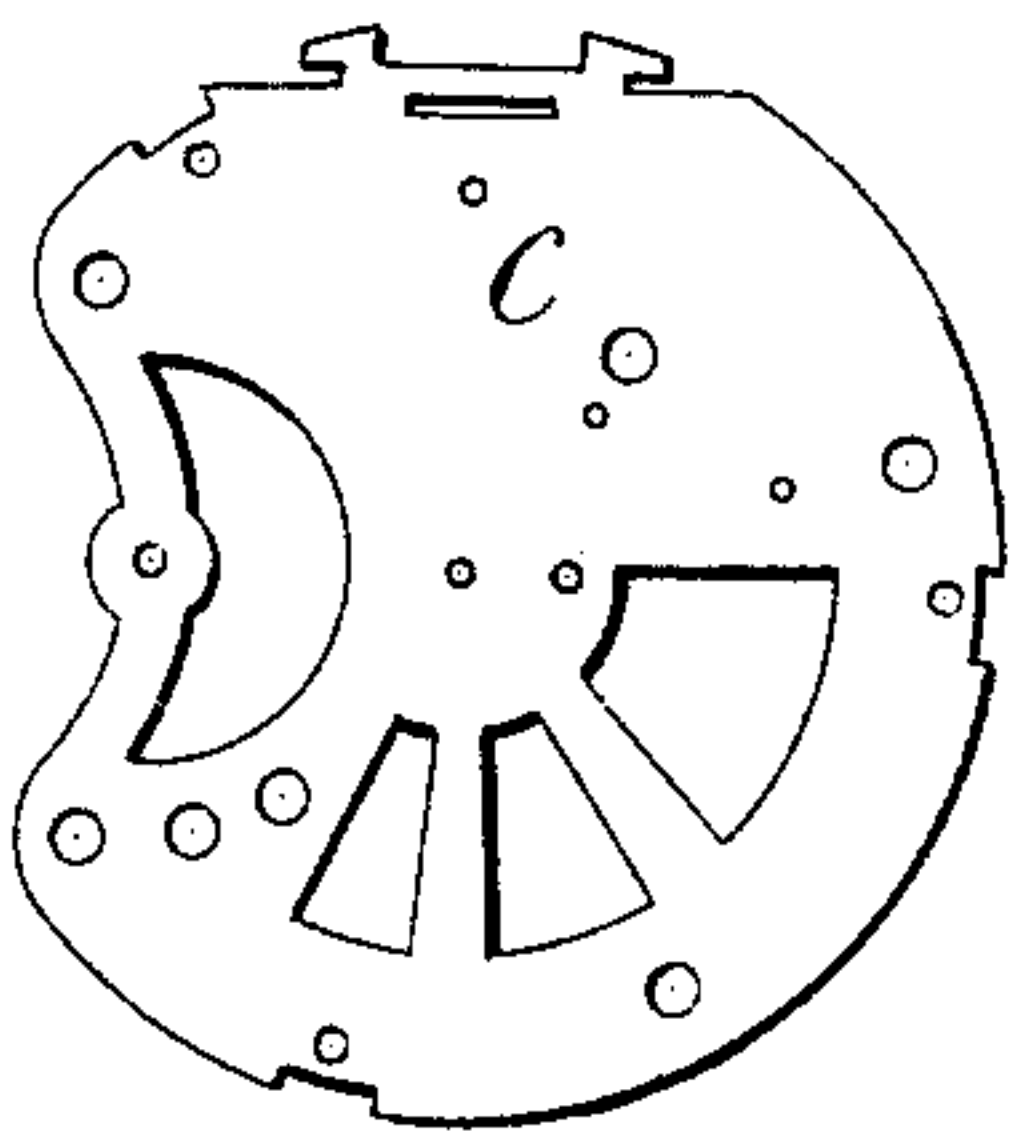
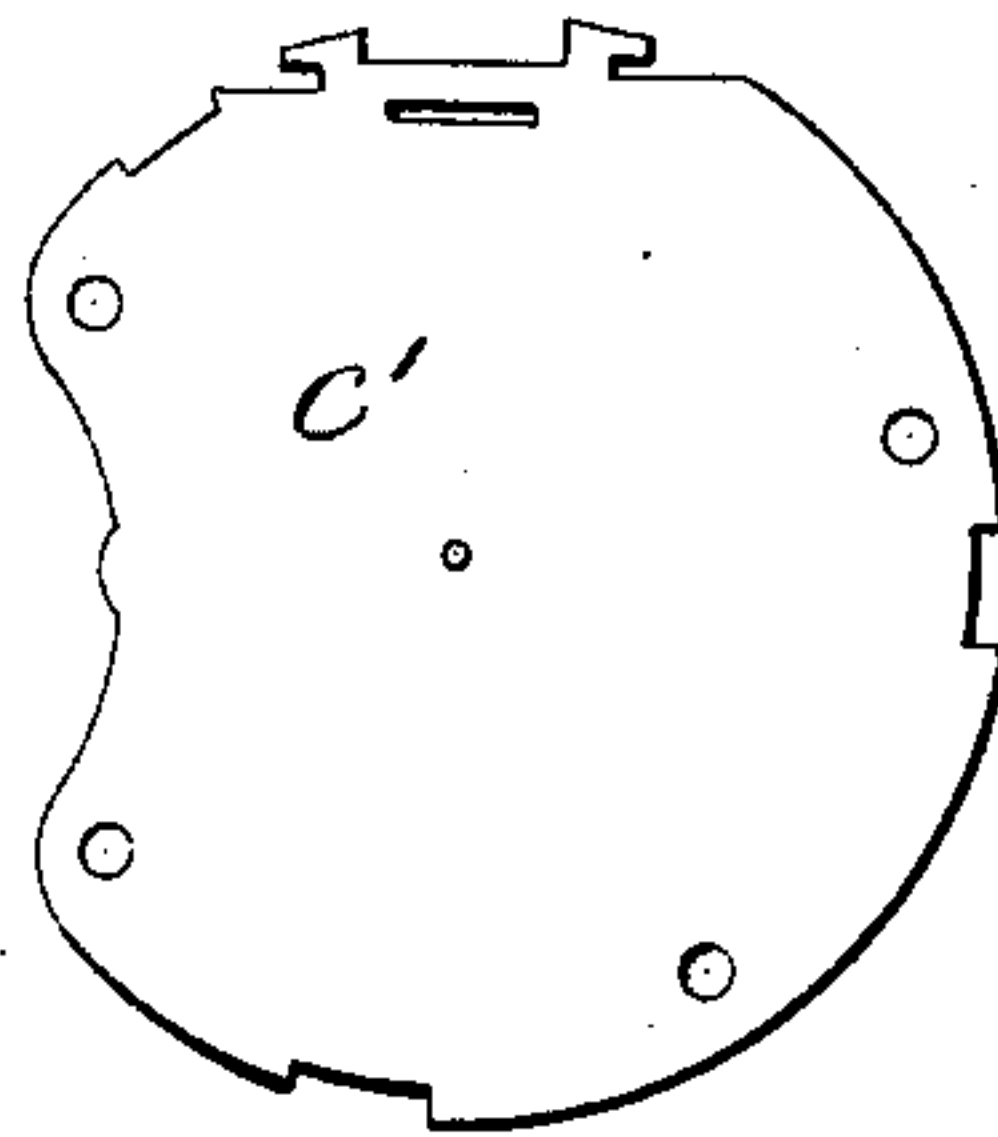


Fig. 5



Witnesses.

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UNITED STATES PATENT OFFICE.

WILSON E. PORTER, OF NEW HAVEN, CONNECTICUT, ASSIGNOR TO THE
NEW HAVEN CLOCK COMPANY, OF SAME PLACE.

WATCHCASE.

SPECIFICATION forming part of Letters Patent No. 552,329, dated December 31, 1895.

Application filed July 9, 1894. Serial No. 516,971. (No model.)

To all whom it may concern:

Be it known that I, WILSON E. PORTER, of New Haven, in the county of New Haven and State of Connecticut, have invented a new Improvement in Watchcases; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a view in front elevation of a watchcase constructed in accordance with my invention and showing the movement therein, the bezel and dial of the watch being removed, as well as the train of the movement; Fig. 2, a detached plan view of the watchcase-body; Fig. 3, an enlarged sectional view on the line *a b* of Fig. 1; Fig. 4, a detached plan view of the outer movement-plate; Fig. 5, a similar view of the inner movement-plate.

My invention relates to an improvement in watchcases, the object being to produce at a low cost for manufacture a simple and durable case adapted to be readily finished, having an ornamental appearance, effectively excluding dust from the watch-movement, and constructed with particular reference to the convenient attachment and removal of the movement.

With these ends in view my invention consists in a watchcase-body provided with two or more bearing-fingers for the support and attachment of the watch-movement, the said fingers having their inner portions set downward at a right angle to the plane of the said body and their outer portions extended inward in the said plane.

My invention further consists in a watchcase-body provided with such bearing-fingers, in combination with a movement having the edge of one of its plates constructed with locking-slots to coact with the said fingers, whereby the movement is prevented from rotary displacement in the body.

My invention further consists in certain details of construction and combinations of parts, as will be hereinafter described, and pointed out in the claims.

As herein shown, the body *A* of the case

is drawn and formed from a single piece of sheet metal and provided with three bearing-fingers *A'*, located at equal distances apart and having their inner portions set downward at a right angle to the plane of the said body and their outer portions extended inward in the said plane and constructed with internally-threaded openings *a* for the reception of the inner ends of the fastening-screws *B*, which secure the outer movement-plate *C* to the said fingers. The inner movement-plate *C'* is connected with the outer movement-plate in any approved manner, as by pillars *C''*. For the purpose of preventing the movement from rotary displacement in the body its outer plate is constructed with three shallow peripheral slots *c*, arranged in correspondence with the fingers and conforming in length to the width of the same, the said slots fitting over the fingers, which thus lock the movement against rotary displacement. The inner plate *C'* has three correspondingly-located clearance-slots *c'* formed in it for the clearance of the fingers in introducing the movement into and withdrawing it from the body. These fingers, which are preferably formed integral with the body, thus afford extremely convenient and simple means for connecting the movement effectively therewith.

The case is completed by a bezel, which fits over the open edge of the body.

A case constructed in accordance with my invention may be made very attractive in appearance and is very effective in excluding dust from the movement.

By preference I shall provide the open edge of the body with an inwardly-projecting lip or edge *A''*, which I shall graduate, so as to form a scale to guide the movement of the regulating-lever *D*, which extends outward over the scale.

It will be apparent that the particular shape of the case may be varied, and also the shape, number and location of the bearing-fingers and the adaptation of the movement-plates to clear and engage therewith, and I would therefore have it understood that I do not limit myself to the exact construction shown and described, but hold myself at liberty to make such changes and alterations as fairly

fall within the spirit and scope of my invention.

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

1. The combination with a sheet-metal watch-case body, constructed with two or more bearing fingers located at its open edge, and having their inner portions bent downwardly at a right angle to the plane of the said body, and their outer portions extended inwardly in the said plane, of a watch-movement having its inner plate adapted to clear the said fingers, and its outer plate adapted to be attached to their inwardly extending outer portions, substantially as described.

2. The combination with a watch-case body having its open edge constructed with two or more inwardly projecting downwardly set bearing fingers, of a movement having the

edge of its outer plate furnished with peripheral locking slots coacting with the said fingers to prevent the movement from rotary displacement in the body, substantially as described.

3. The combination with a watch-case body having its open edge provided with two or more inwardly projecting downwardly set bearing fingers, of a movement having its inner plate constructed with peripheral clearance slots, and its outer plate constructed with peripheral locking slots, substantially as described.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

WILSON E. PORTER.

Witnesses:

GEO. A. WHITNEY,
WALTER C. CAMP.