

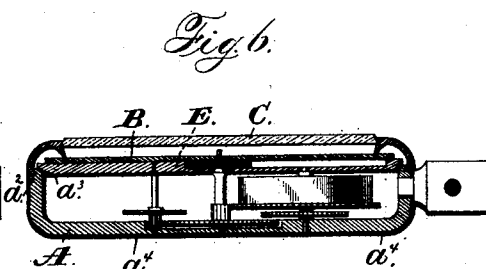
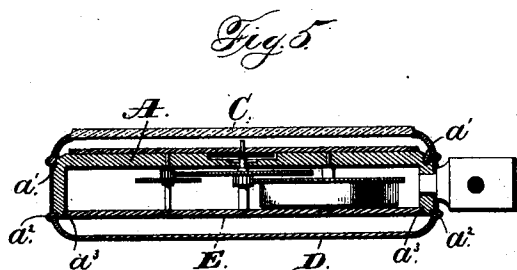
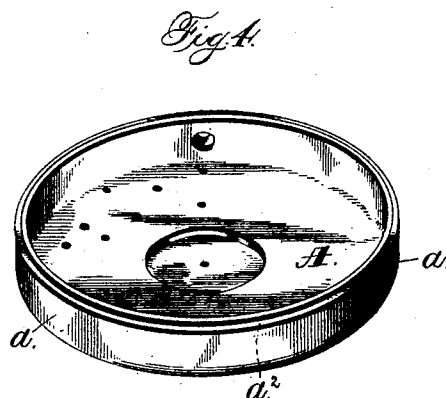
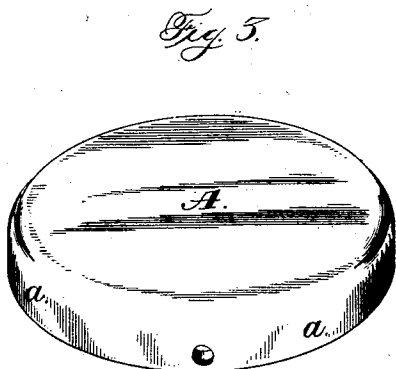
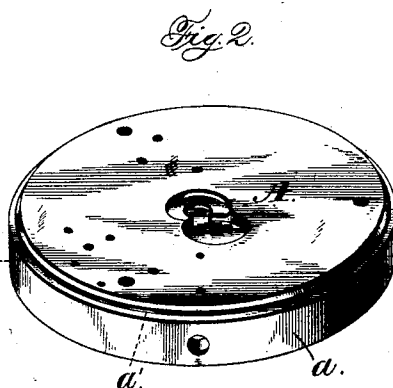
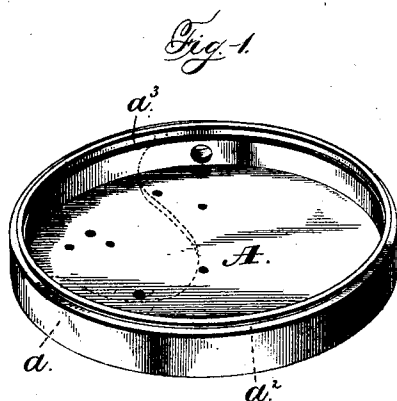
(No Model.)

A. H. POTTER.

COMBINED WATCH CASE AND MOVEMENT PLATE.

No. 360,477.

Patented Apr. 5, 1887.



Witnesses:
Chas. Williamson.
Jas. C. Hutchinson.

Inventor
Albert H. Potter, by
Crindle and Russell, his Attys

UNITED STATES PATENT OFFICE.

ALBERT H. POTTER, OF GENEVA, SWITZERLAND, ASSIGNOR, BY DIRECT AND MESNE ASSIGNMENTS, TO THE NEW HAVEN WATCH COMPANY, OF NEW JERSEY.

COMBINED WATCH-CASE AND MOVEMENT-PLATE.

SPECIFICATION forming part of Letters Patent No. 360,477, dated April 5, 1887.

Application filed July 2, 1886. Renewed March 1, 1887. Serial No. 229,375. (No model.)

To all whom it may concern:

Be it known that I, ALBERT H. POTTER, of Geneva, in the Republic of Switzerland, have invented certain new and useful Improvements in Watches; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, in which—

Figures 1 and 2 are perspective views of my combined case-center and front movement-plate from opposite sides. Figs. 3 and 4 are like views of my combined case-center, case-back, and rear movement-plate from opposite sides; and Figs. 5 and 6 are central sections of my completed watch, and show, respectively, the construction where a separate case-back is employed and where the same is omitted.

Letters of like name and kind refer to like parts in each of the figures.

This invention relates to certain improvements in watches which are covered by two previously-filed applications for patents, Serial Nos. 168,586 and 196,502, and has for its object the providing of a watch having the construction described, with an exterior of gold or other precious metal; to which end my said invention consists, principally, as an improvement in watches, in a combined movement-plate and case center constructed in one piece from base metal and having the periphery of the case-center portion covered by a shell of precious metal which is superimposed upon and secured to the same, substantially as and for the purpose hereinafter specified.

It consists, further, as an improvement in watches, in a combined movement-plate and case-center constructed in one piece from base metal and having the periphery of the case-center portion covered by a superimposed plate of precious metal, in combination with a bezel and a case-back which are constructed from precious metal and are fitted to and adapted to engage with said case-center portion, substantially as and for the purpose hereinafter shown.

It consists, further, as an improvement in watches, in a combined movement-plate, case-center, and case-back which are constructed in one piece from base metal and have the

outer surfaces of the case-center and case-back portions covered by a superimposed and attached plate of precious metal, substantially as and for the purpose hereinafter set forth.

It consists, finally, as an improvement in watches, in a combined movement-plate, case-center, and case-back which are constructed in one piece from base metal and have the outer surfaces of the case-center and case-back portions covered by a superimposed and attached plate of precious metal, in combination with a bezel which is constructed from precious metal and is adapted to engage with said case-center portion, substantially as and for the purpose hereinafter shown and described.

In the carrying of my invention into practice I employ a metal plate, A, which, by dies or other suitable means, has its edge turned upward at a right angle to its face, so as to form of the same an annular flange, *a*. The plate A forms one of the movement-plates of a watch, and the flange *a* the case-center of the same. As shown in Figs. 1, 2, and 5, said plate constitutes the front movement-plate, and has its outer edge adapted to receive a dial, B, and is provided with a peripheral rabbet, *a'*, that may be engaged by an ordinary glass bezel, C, while within the corners of the edge of said case-center portion are formed an outer and an inner rabbet, *a''* and *a'''*, respectively, for the reception of a case-back, D, and a rear movement-plate, E.

When the plate A is used for a rear movement-plate, as shown in Figs. 3, 4, and 6, its outer face forms the case-back, the plate E constitutes the front movement-plate, and the bezel C engages with the rabbet *a'*.

The plate A is constructed from brass, nickle, or other cheap or base metal, and for cheap watches will have its outer surface, together with the surfaces of the bezel and back, when the latter is used, polished or electroplated in the usual way; but for finer grades of watches, where silver or gold cases are required, the bezel (or bezel and back) for the same is (or are) constructed wholly from such precious metal, and over the exposed surface of the base metal is placed a shell, *a''*, which is made to conform to and fit closely upon the same, and

is secured in place by the ordinary process of "sweating" with soft solder. This is done before the rabbets are cut, by which means the fine metal will extend to and be impinged upon by the engaging-edge of the bezel, (or case-back,) so as to cause the entire exterior surface of the case to present a surface of fine metal.

After the case-center is completed, a pendant, F, of any usual construction, is secured within a radial opening, *a*⁵, that is provided for its reception.

The combined movement-plate and case-center shown is not claimed, broadly, herein, as the same is covered by a separate application for Patent, Serial No. 168,586.

Having thus described my invention, what I claim is—

1. As an improvement in watches, a combined movement-plate and case-center constructed in one piece from base metal and having the periphery of the case-center portion covered by a shell of precious metal which is superimposed upon and secured to the same, substantially as and for the purpose specified.

2. As an improvement in watches, a combined movement-plate and case-center constructed in one piece from base metal and having the periphery of the case-center portion covered by a superimposed plate of precious

metal, in combination with a bezel and a case-back which are constructed from precious metal and are fitted to and adapted to engage with said case-center portion, substantially as and for the purpose shown.

3. As an improvement in watches, a combined movement-plate, case-center, and case-back which are constructed in one piece from base metal and have the outer surfaces of the case-center and case-back portions covered by a superimposed and attached plate of precious metal, substantially as and for the purpose set forth.

4. As an improvement in watches, a combined movement-plate, case-center, and case-back which are constructed in one piece from base metal and have the outer surfaces of the case-center and case-back portions covered by a superimposed and attached plate of precious metal, in combination with a bezel which is constructed from precious metal and is adapted to engage with said case-center portion, substantially as and for the purpose shown and described.

In testimony whereof I hereunto set my hand this 30th day of June, A. D. 1886.

ALBERT H. POTTER.

Witnesses:

D. H. DRISCOLL,

J. R. BOWEN.