

(No Model.)

A. H. POTTER.

COMBINED WATCH MOVEMENT FRAME AND CASE BODY.

No. 360,476.

Patented Apr. 5, 1887.

Fig. 1.

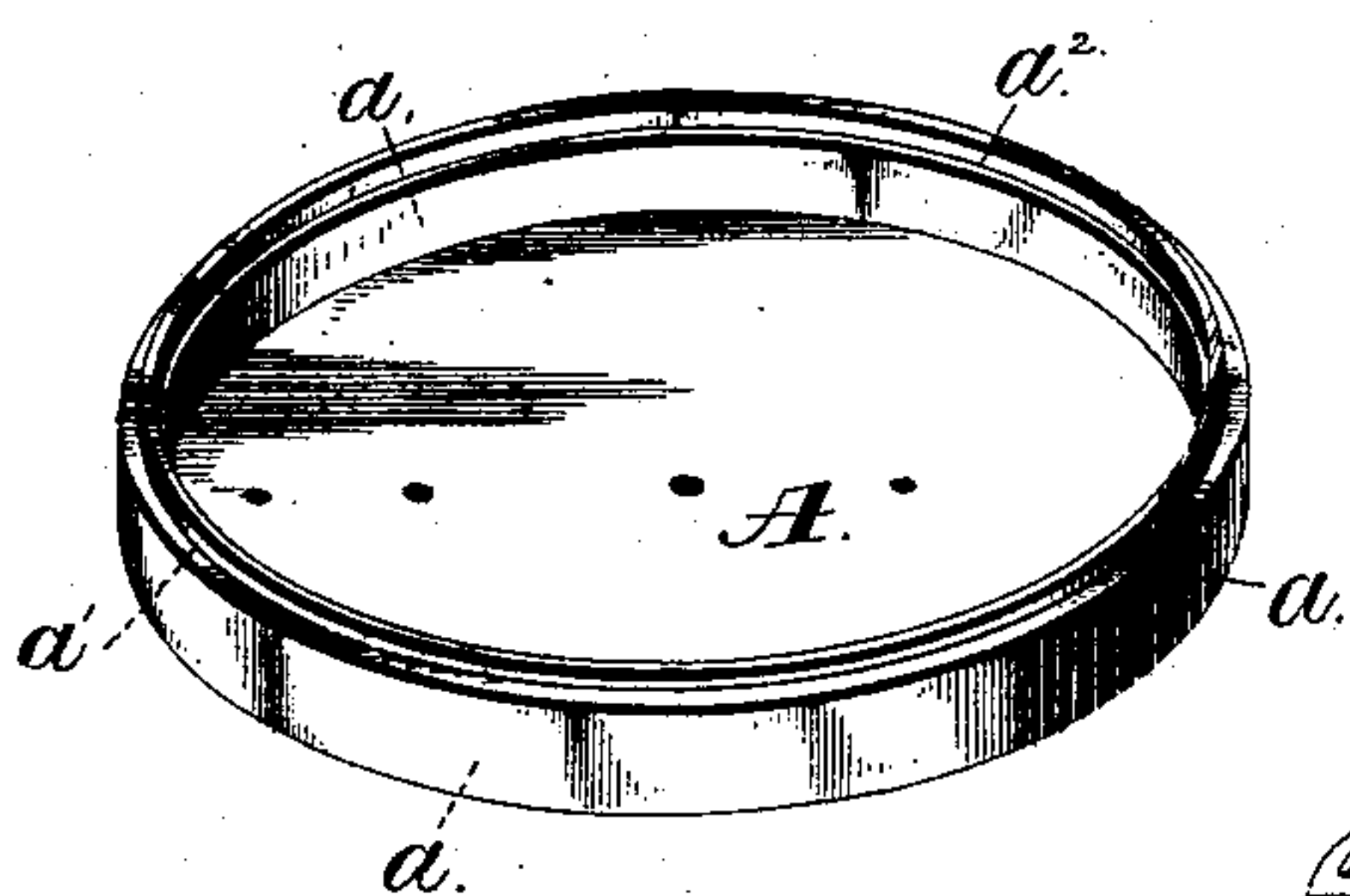


Fig. 2.

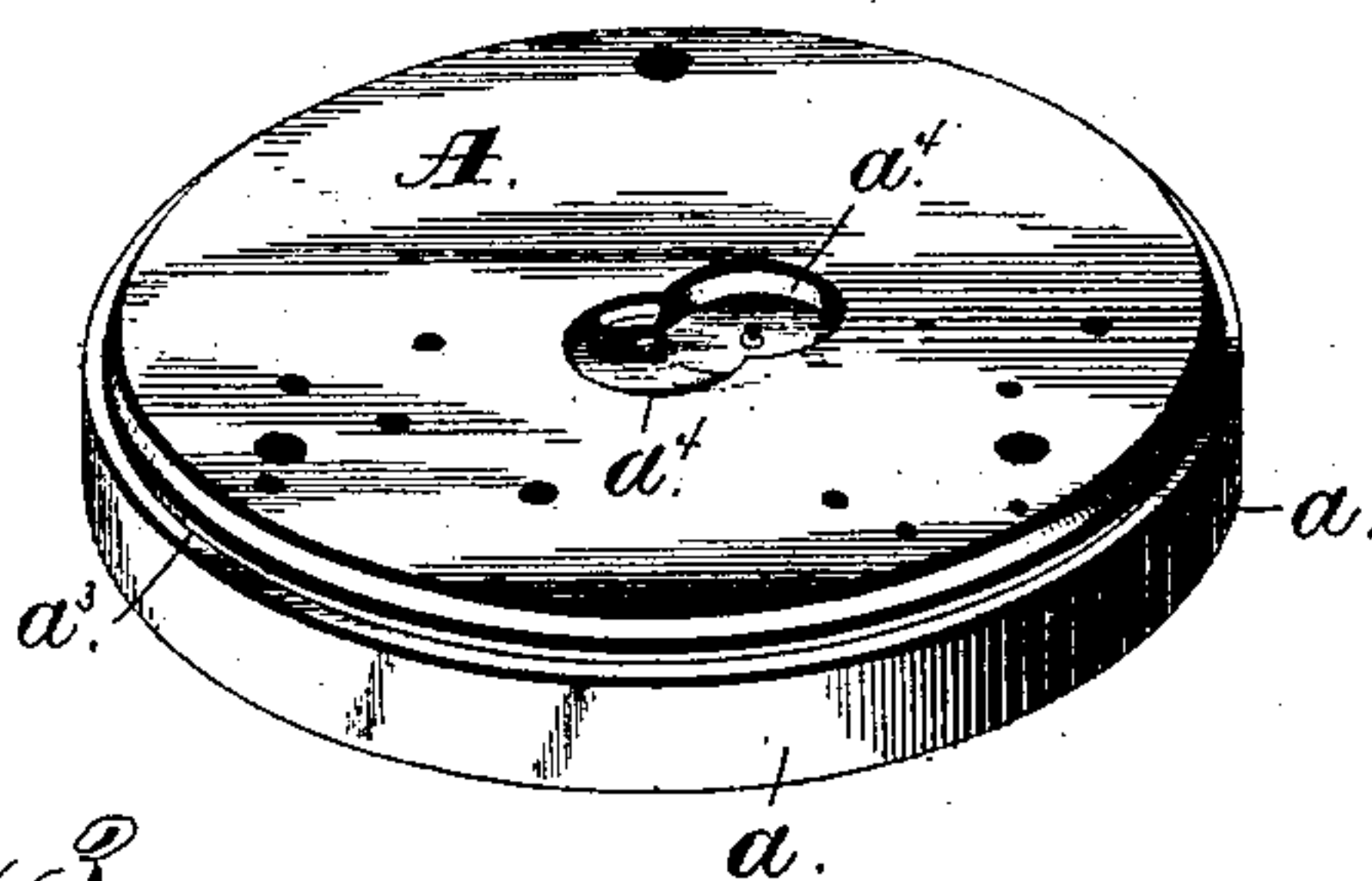


Fig. 3.

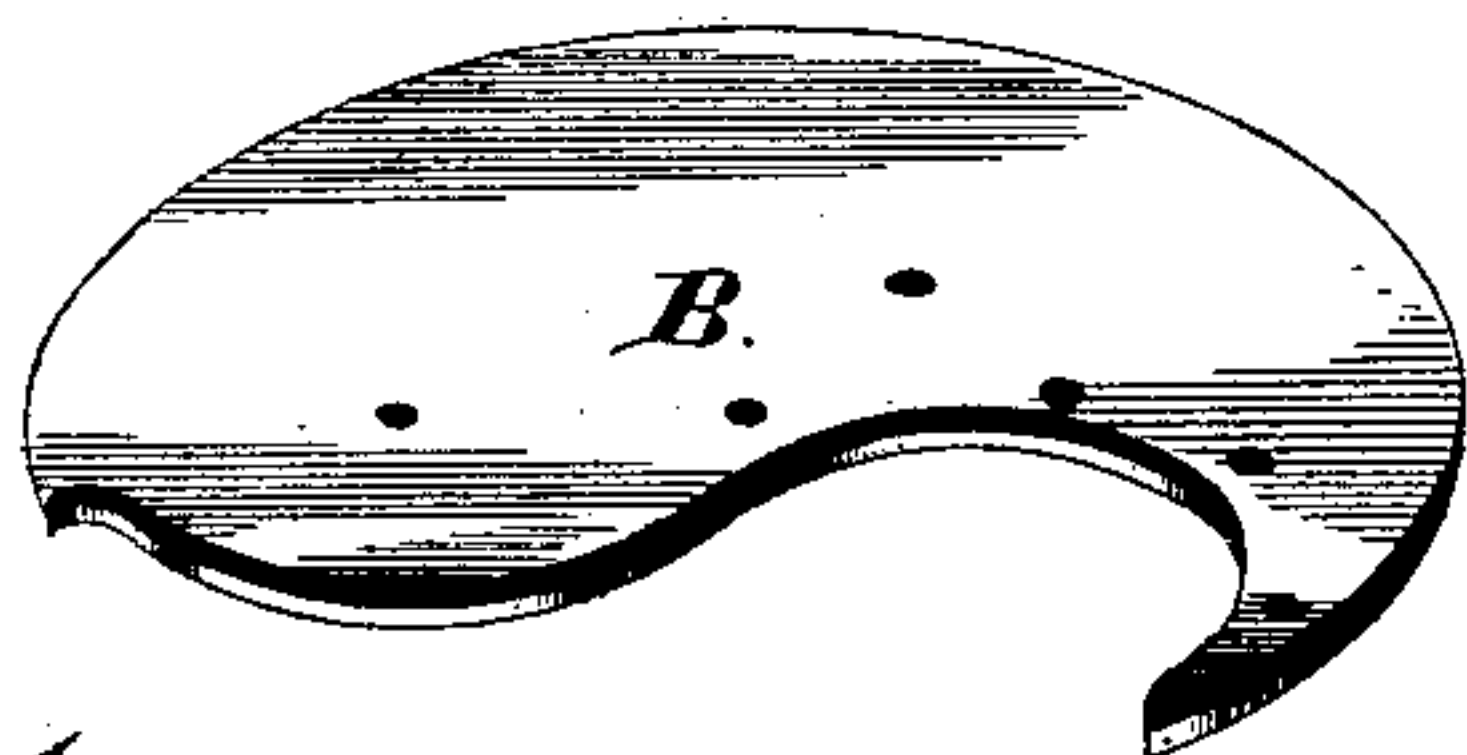


Fig. 4.

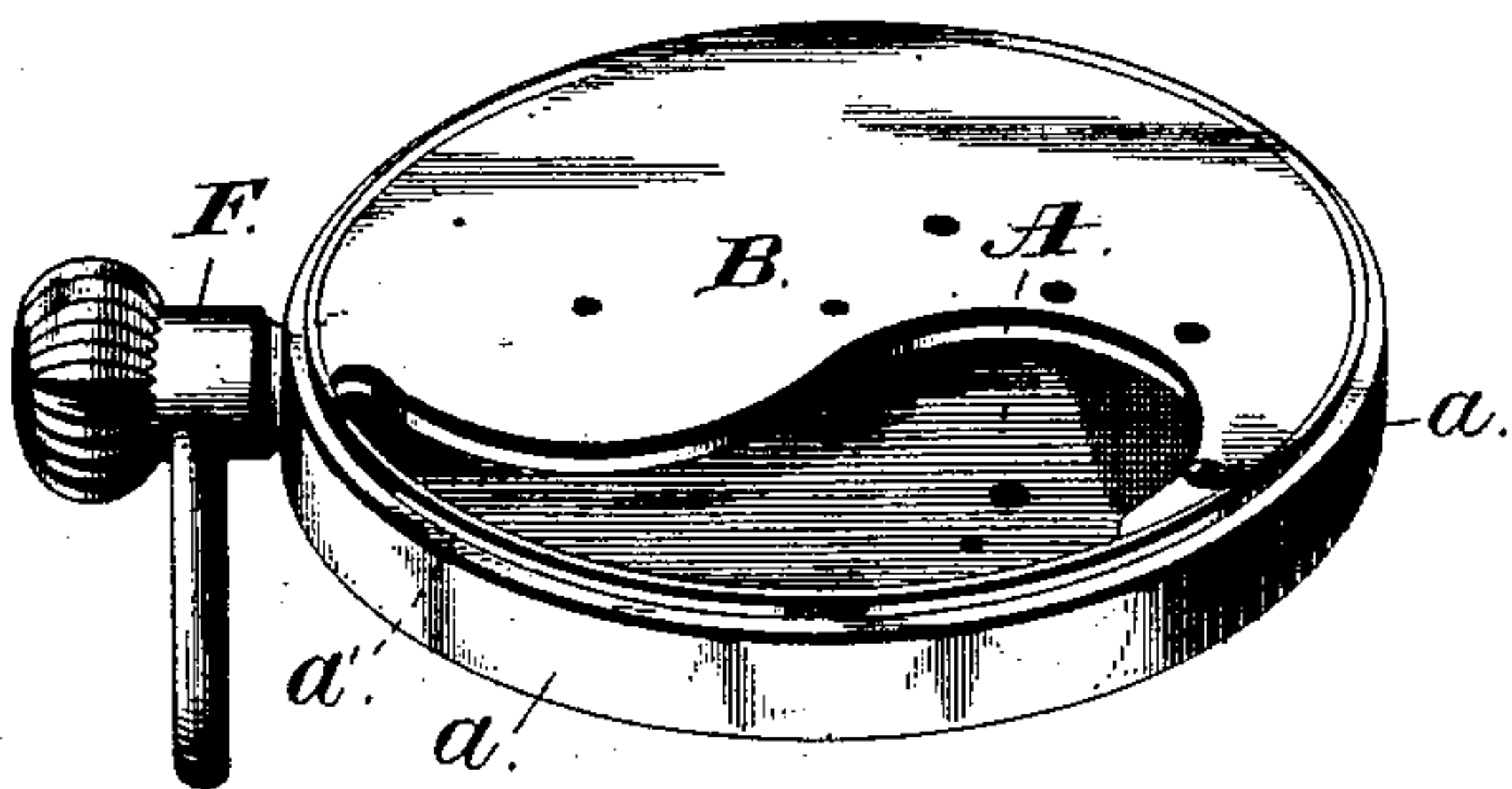


Fig. 5.

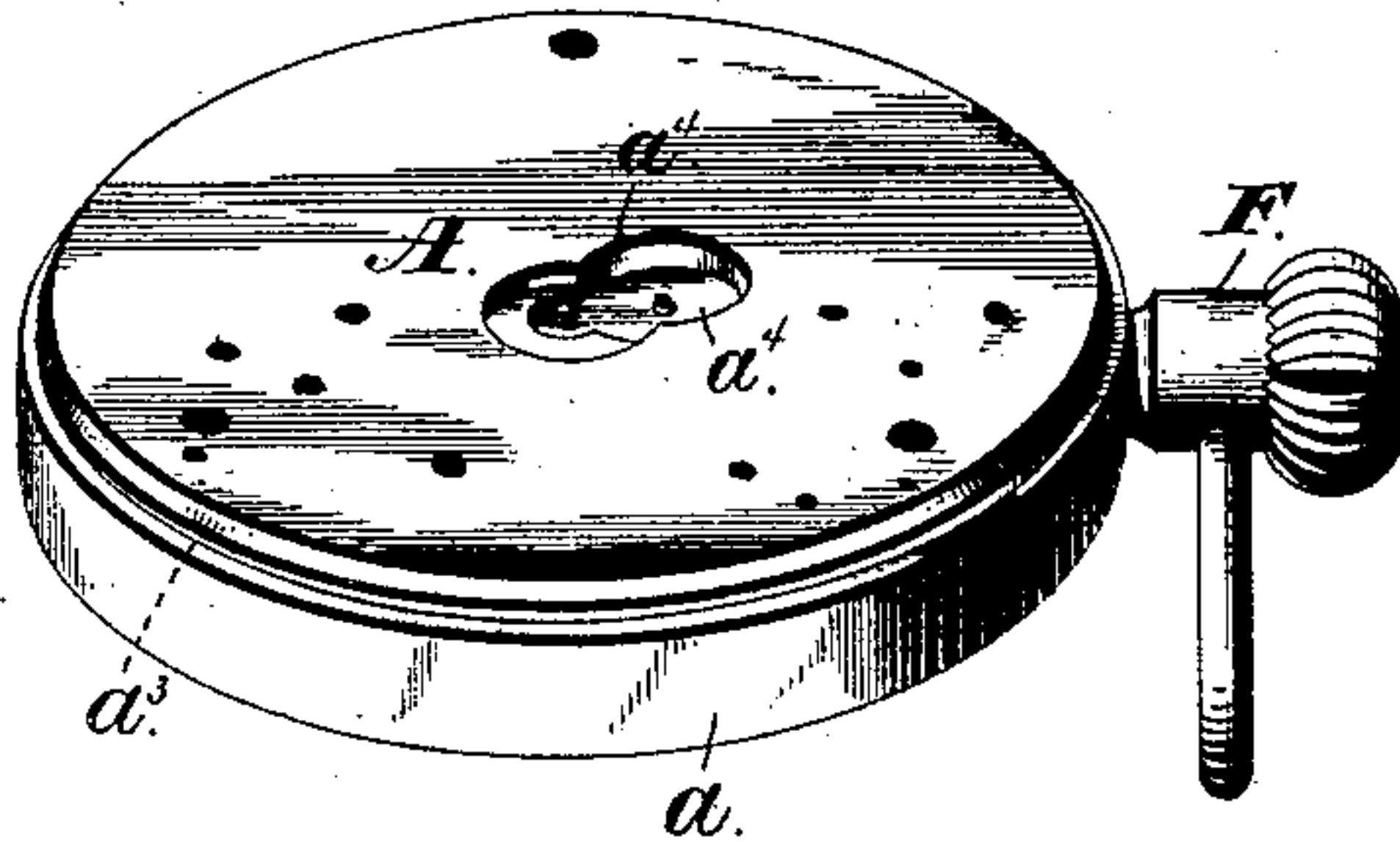


Fig. 6.

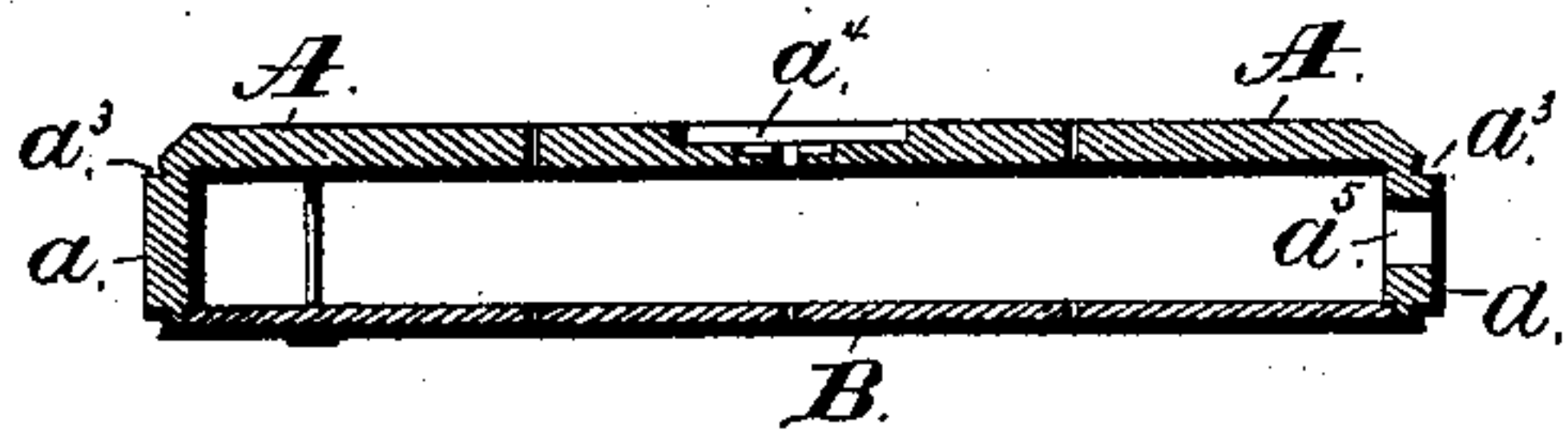
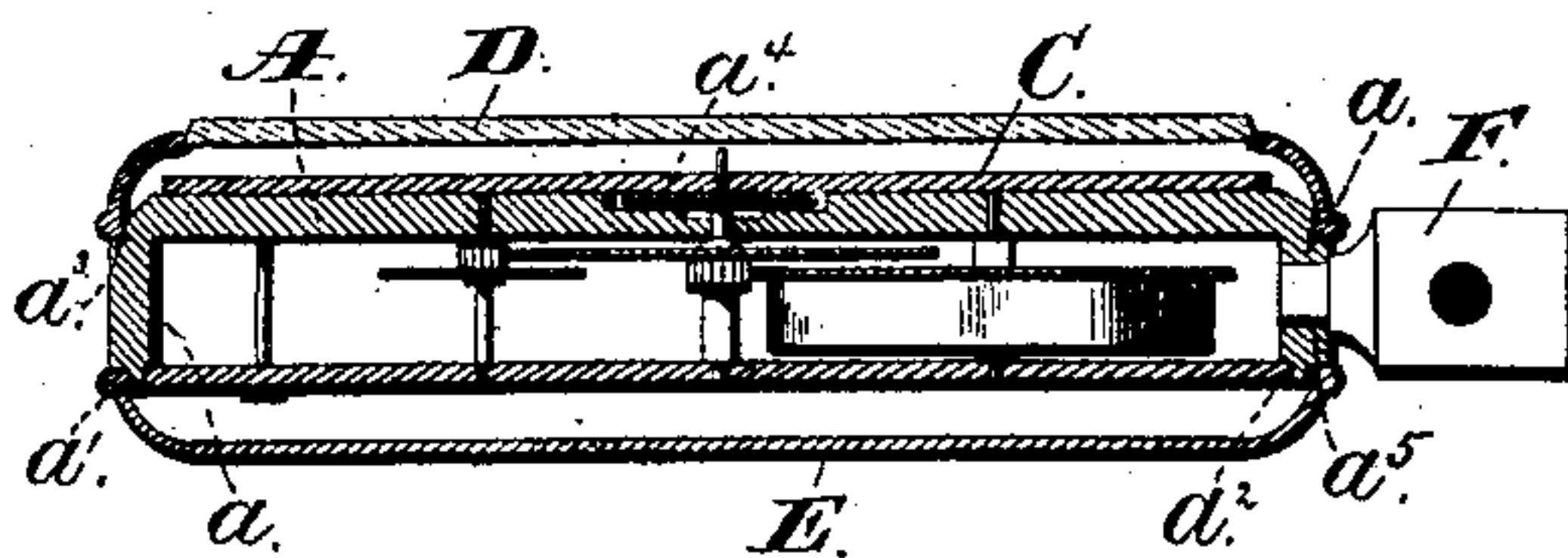


Fig. 7.



Witnesses
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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-MOVEMENT FRAME AND CASE-BODY.

SPECIFICATION forming part of Letters Patent No. 360,476, dated April 5, 1887.

Application filed June 13, 1885. Renewed March 1, 1887. Serial No. 229,374. (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 a Combined Front Movement-Plate and Case-Center; 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—

Figure 1 is a perspective view of my combined front plate and case-center from its inner side. Fig. 2 is a like view of the same from its outer side. Fig. 3 is a perspective view of the back plate separated from the front plate. Figs. 4 and 5 are like views from opposite sides of said plates united; and Figs. 6 and 7 are cross-sections of the same and show, respectively, the arrangement before and after the train, the dial, the bezel, and the back cover are in place.

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

The design of my invention is to lessen the number of parts of a watch, so as to correspondingly lessen the cost of its construction; and to this end my invention consists, principally, as an improvement in watches, in a combined front movement-plate and case-center which is constructed in one piece and upon opposite sides is adapted to receive a bezel and a case-back, substantially as and for the purpose hereinafter specified.

It consists, further, as an improvement in watches, in a combined front movement-plate and case-center which is constructed in one piece and is adapted upon its front side to receive a bezel and upon its rear side to receive a rear movement-plate and a case-back, substantially as and for the purpose hereinafter shown.

It consists, further, as an improvement in watches, in a combined front movement-plate and case-center which is constructed in one piece and is adapted to receive upon its front side a bezel and upon its rear side a rear movement-plate and a case-back, and within its periphery is adapted to receive a case-pendant, substantially as and for the purpose hereinafter set forth.

It consists, further, as an improvement in watches, in a combined front movement-plate and case-center which is constructed in one piece and is provided within its front side with a peripheral rabbet and within its rear edge with a peripheral rabbet, in combination with a bezel and with a case-back, substantially as and for the purpose hereinafter shown and described.

It consists, further, as an improvement in watches, in a combined front movement-plate and case-center which is constructed in one piece and is provided within its front side with a peripheral rabbet and within its rear edge with outer and inner peripheral rabbets, in combination with a bezel, a case-back, and a rear movement-plate, substantially as and for the purpose hereinafter specified.

It consists, further, as an improvement in watches, in a combined front movement-plate and case-center which is constructed in one piece and is adapted to receive upon its front side a dial and bezel and upon its rear side a rear movement-plate and a case-back, substantially as and for the purpose hereinafter shown.

It consists, further, as an improvement in watches, in a combined front movement-plate and case-center which is constructed in one piece and is provided within its front side with a peripheral rabbet and within its rear edge with outer and inner peripheral rabbets, in combination with a dial, a bezel, a rear movement-plate, and a case-back, substantially as and for the purpose hereinafter set forth.

It consists, further, as an improvement in watches, in a combined front movement-plate and case-center which is constructed in one piece and is adapted to receive upon its front side a dial and a bezel and upon its rear side a rear movement-plate and a case-back, in combination with said parts and with a time-train, substantially as and for the purpose hereinafter shown and described.

It consists, further, as an improvement in watches, in a combined front movement-plate and case-center which is constructed in one piece and is adapted to receive upon its front side a dial and a bezel and upon its rear edge

a rear movement-plate and case-back, in combination with said parts, a time-train, and a pendant, substantially as and for the purpose hereinafter specified.

- 5 It consists, finally, in a watch in which the front movement-plate and case center are constructed from one piece and are combined with a dial, bezel, rear movement-plate, case-back, pendant, and time-train, substantially as and for the purpose hereinafter shown.

10 In the carrying of my invention into practice a plate, A, having a peripheral flange, a , is preferably formed, by means of dies, from a sheet of metal, and is afterward trued up in a lathe, and provided within the corners of said flange with an outer and an inner rabbet, a' and a'' , respectively, and within its face-corner with a third rabbet, a''' . The part A thus constructed constitutes the front movement-plate and case-center of my watch, and within the inner rabbet, a'' , is fitted a rear movement-plate, B, which is secured in place by any of the usual and well-known means. Between said plates are journaled the parts of an ordinary time-train, for which purpose each is provided with the necessary pivot-holes, and said plate A has within its outer face a recess, a^4 , for the reception of dial-wheels.

20 Upon the outer face of the plate A is secured, in any usual way, a dial, C, and over the same is placed a glass bezel, D, that engages with the rabbet a''' , while the rear side of the movement is inclosed by means of a case-back, E, which engages with the rabbet a' . A pendant, F, fitted to and secured within a radial opening, a^5 , in the flange or case-center a , and furnishing a bearing for the usual stem-arbor, completes the watch, which, while presenting the same appearance externally as do watches of the usual construction, has a smaller number of parts and may be constructed at a much smaller cost than the latter. In addition to such material advantage the available space within the case-center is considerably greater than in watches where the movement is constructed separate from and afterward inserted into the case, in consequence of which a larger train may be employed than would otherwise be practicable.

50 Having thus described my invention, what I claim is—

1. As an improvement in watches, a combined front movement-plate and case-center which is constructed in one piece and upon opposite sides is adapted to receive a bezel and a case-back, substantially as and for the purpose specified.

2. As an improvement in watches, a combined front movement-plate and case-center which is constructed in one piece and is adapted upon its front side to receive a bezel and upon its rear side to receive a rear movement-plate and a case-back, substantially as and for the purpose shown.

65 3. As an improvement in watches, a combined front movement-plate and case-center which is constructed in one piece and is

adapted to receive upon its front side a bezel and upon its rear side a rear movement-plate and a case-back, and within its periphery is adapted to receive a case-pendant, substantially as and for the purpose set forth.

4. As an improvement in watches, a combined front movement-plate and case-center which is constructed in one piece and is provided within its front side with a peripheral rabbet and within its rear edge with a peripheral rabbet, in combination with a bezel and with a case-back, substantially as and for the purpose shown and described.

5. As an improvement in watches, a combined front movement-plate and case-center which is constructed in one piece and is provided within its front side with a peripheral rabbet and within its rear edge with outer and inner peripheral rabbets, in combination with a bezel, a case-back, and a rear movement-plate, substantially as and for the purpose specified.

6. As an improvement in watches, a combined front movement-plate and case-center which is constructed in one piece and is adapted to receive upon its front side a dial and bezel and upon its rear side a rear movement-plate and a case-back, substantially as and for the purpose shown.

7. As an improvement in watches, a combined front movement-plate and case-center which is constructed in one piece and is provided within its front side with a peripheral rabbet and within its rear edge with outer and inner peripheral rabbets, in combination with a dial, a bezel, a rear movement-plate, and a case-back, substantially as and for the purpose set forth.

8. As an improvement in watches, a combined front movement-plate and case-center which is constructed in one piece and is adapted to receive upon its front side a dial and a bezel and upon its rear edge a rear movement-plate and a case-back, in combination with said parts and with a time-train, substantially as and for the purpose shown and described.

9. As an improvement in watches, a combined front movement-plate and case-center which is constructed in one piece and is adapted to receive upon its front side a dial and a bezel and upon its rear edge a rear movement-plate and case-back, in combination with said parts, a time-train, and a pendant, substantially as and for the purpose specified.

10. A watch in which the front movement-plate and case-center are constructed from one piece and are combined with a dial, bezel, rear movement-plate, case-back, pendant, and time-train, substantially as and for the purpose shown.

In testimony whereof I hereunto set my hand this 9th day of June, A. D. 1885.

ALBERT H. POTTER.

Witnesses:

DANIEL H. DRISCOLL,
WM. G. LIPSEY.