(Model.)

G. E. HART.

WATCH PLATE.

No. 328,401. Patented Oct. 13, 1885.

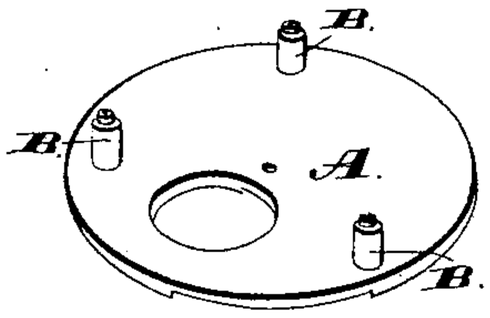
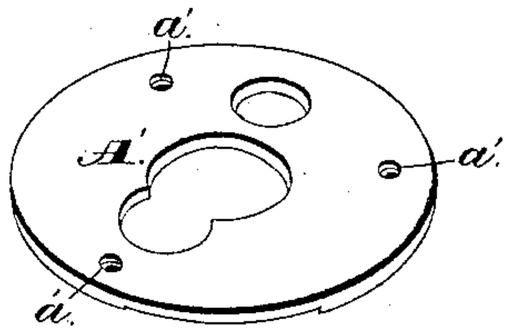


Fig. 1.



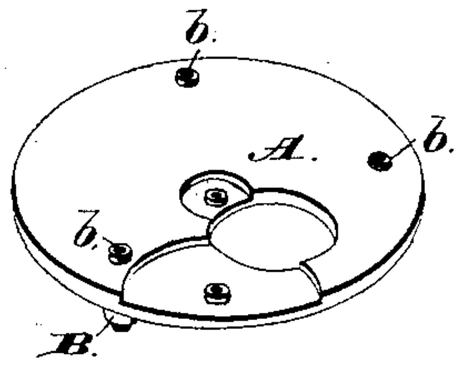


Fig. 2.

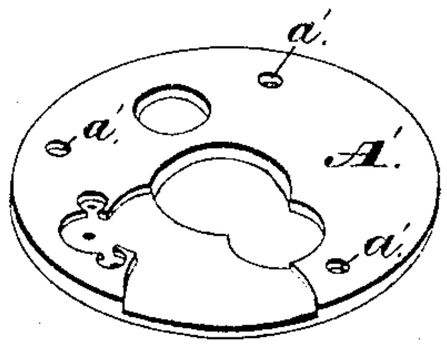


Fig. 3.

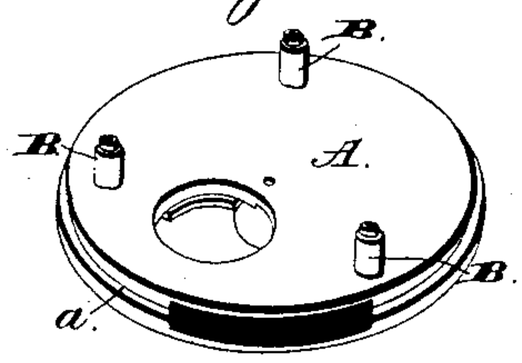


Fig. 4.

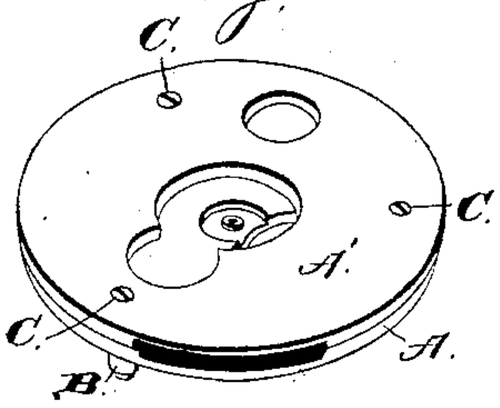
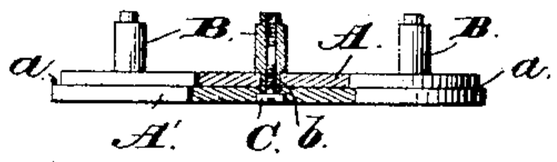


Fig. 5.



Witnesses:
Jas. E. Hutchinson
Henry C. Hazard.

Inventor.
Geo. E. Hart, by
Prindle and Russell, his Attys

UNITED STATES PATENT OFFICE.

GEORGE E. HART, OF WATERBURY, CONNECTICUT, ASSIGNOR TO THE WATERBURY WATCH COMPANY, OF SAME PLACE.

WATCH-PLATE.

SPECIFICATION forming part of Letters Patent No. 328,401, dated October 13, 1885.

Application filed June 2, 1884. Serial No. 133,565. (Model.)

To all whom it may concern:

Be it known that I, GEORGE E. HART, of Waterbury, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Watch-Plates; 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 the outer sides of my plate-sections separated from each other. Fig. 2 is a like view of the inner sides of the same. Figs. 3 and 4 are like views of opposite sides of the plate formed by combining said sections, and Fig. 5 is a section of the same through one of the pillars.

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

This invention is mainly an improvement upon a sectional watch-plate for which Letters Patent No. 293,018 were issued to me upon the 5th day of February, 1884; and it consists, principally, in a watch-plate composed of two separately-formed disks superimposed one upon the other, and united by means of steady pins and screws, substantially as and for the purpose hereinafter specified.

It consists, further, in a watch-plate composed of two superimposed disks, which are united by means of the projecting ends of the pillars and by screws that pass axially into the same, substantially as and for the purpose shown.

It consists, further, in a watch-plate composed of two superimposed disks, which are united by suitable means, and are provided within their contiguous faces with recesses for the reception of any part of the operative mechanism, substantially as and for the purpose hereinafter set forth.

In the annexed drawings, A represents the inner section of my watch-plate, which section has such diameter as to enable it to fit into and closely fill the opening within a case-center, and is provided with three pillars, B, that enter the same from its lower side, and are preferably secured in place by screw-threaded ends *b*, in the usual manner. Each of said ends *b* projects a short distance from the outer face of said section, and is provided with an axial threaded opening, into which is fitted a screw, C.

Fitted upon the section A is a second section, A′, which corresponds therewith in thickness, but is somewhat larger in diameter, and projecting beyond the edge of the former to equal distances at all points forms a rabbet, *a*, which is adapted to fit over and embrace the casing-shoulder of a watch-case in the usual manner. Said section A′ is provided with openings *a′* that engage with the projecting ends *b* of the pillars B, and at their outer ends are countersunk, so as to enable the screws C to be inserted within said pillar ends, and their heads to be contained within said countersinks, so as to bring said screws entirely below the outer surface of said section.

The pillar ends *b* operate as steady-pins, and enable the sections A and A′ to be easily, quickly, and accurately placed in relative position, while by means of the screws C said parts may be secured together or seperated in a moment's time and with but slight trouble, and without disturbance of the main parts of the train, which are contained between the inner section, A, and the usual back plate.

Having thus fully set forth the nature and merits of my invention, what I claim as new is—

1. A watch-plate composed of two separately-formed disks superimposed one upon the other, and united by means of steady-pins and screws, substantially as and for the purpose specified.

2. A watch-plate composed of two superimposed disks, which are united by means of the projecting ends of the pillars and by screws that pass axially into the same, substantially as and for the purpose shown.

3. A watch-plate composed of two superimposed disks, which are united by suitable means, and are provided within their contiguous faces with recesses for the reception of any part of the operative mechanism, substantially as and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 15th day of March, 1884.

GEORGE E. HART.

Witnesses:
GEO. S. PRINDLE,
E. L. BRONSON.