

(No Model.)

G. E. HUNTER.
FASTENING FOR WATCH DIALS.

No. 523,913.

Patented July 31, 1894.

Fig. 1.

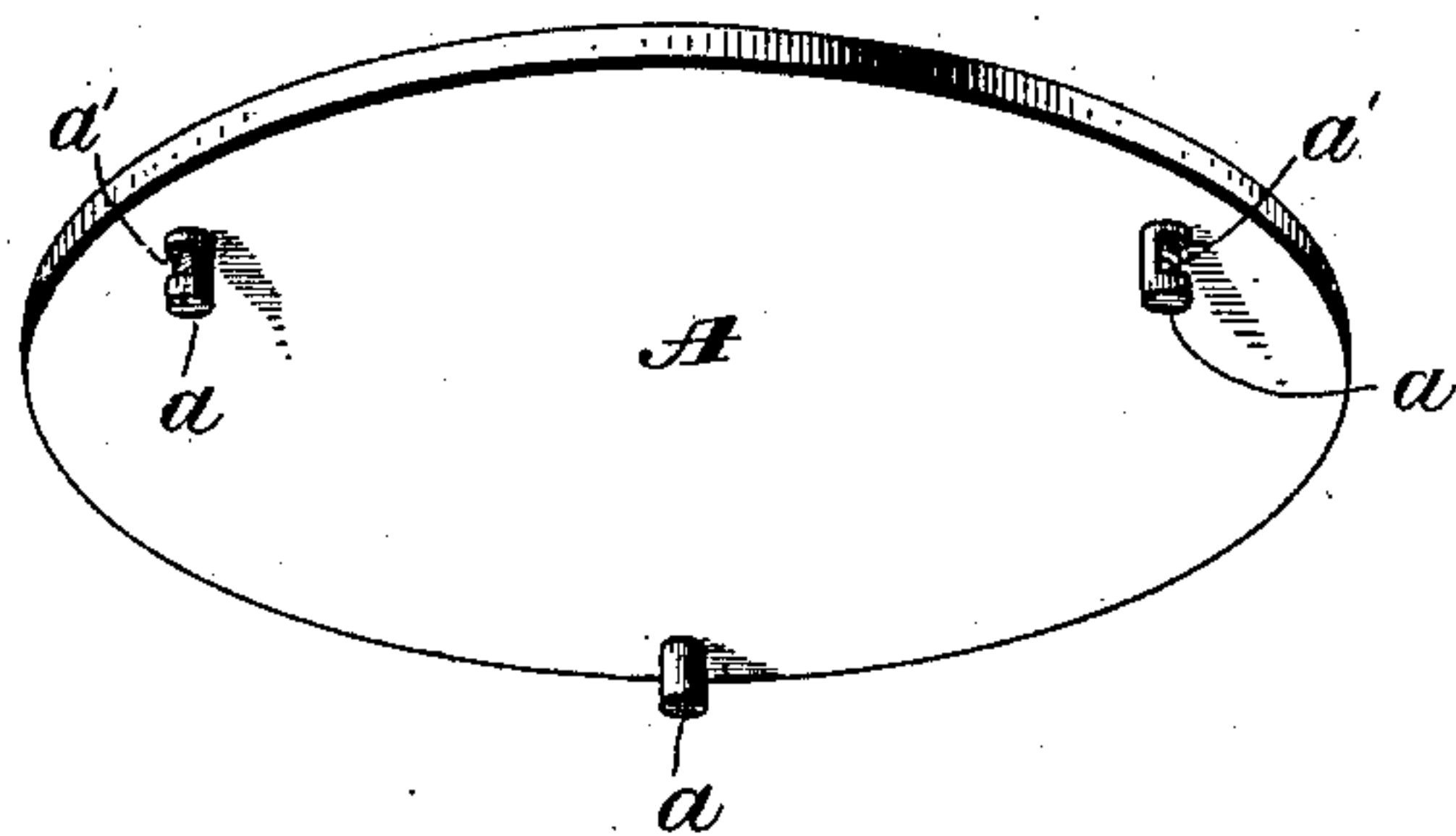


Fig. 2.

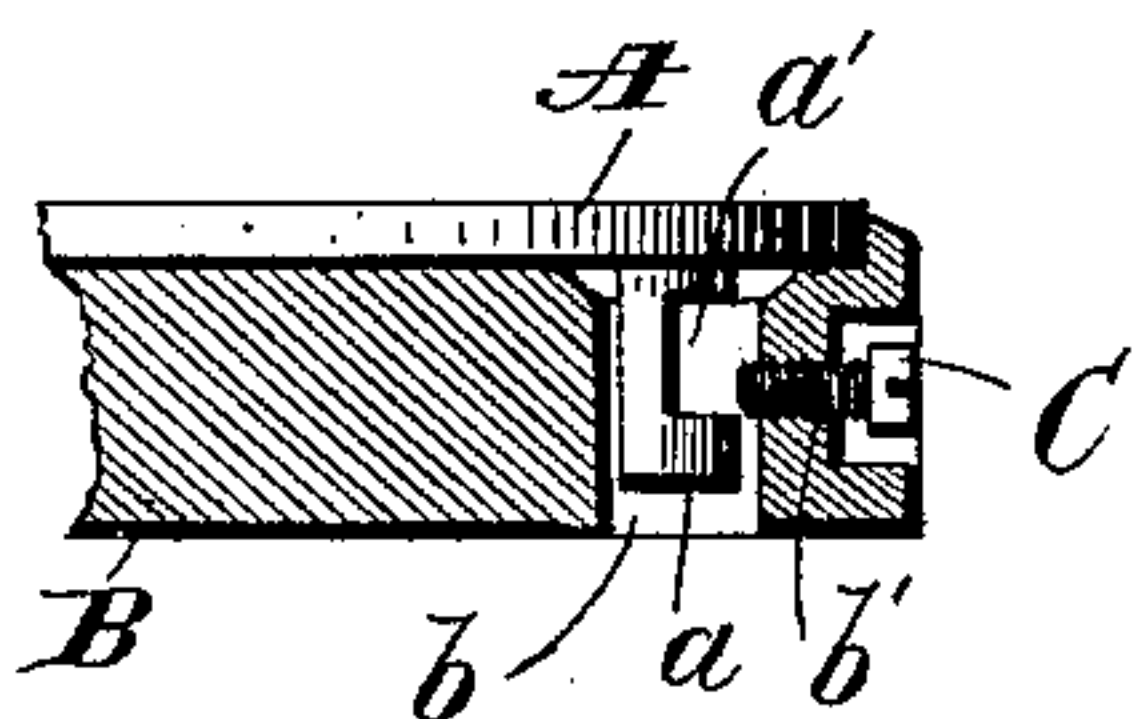
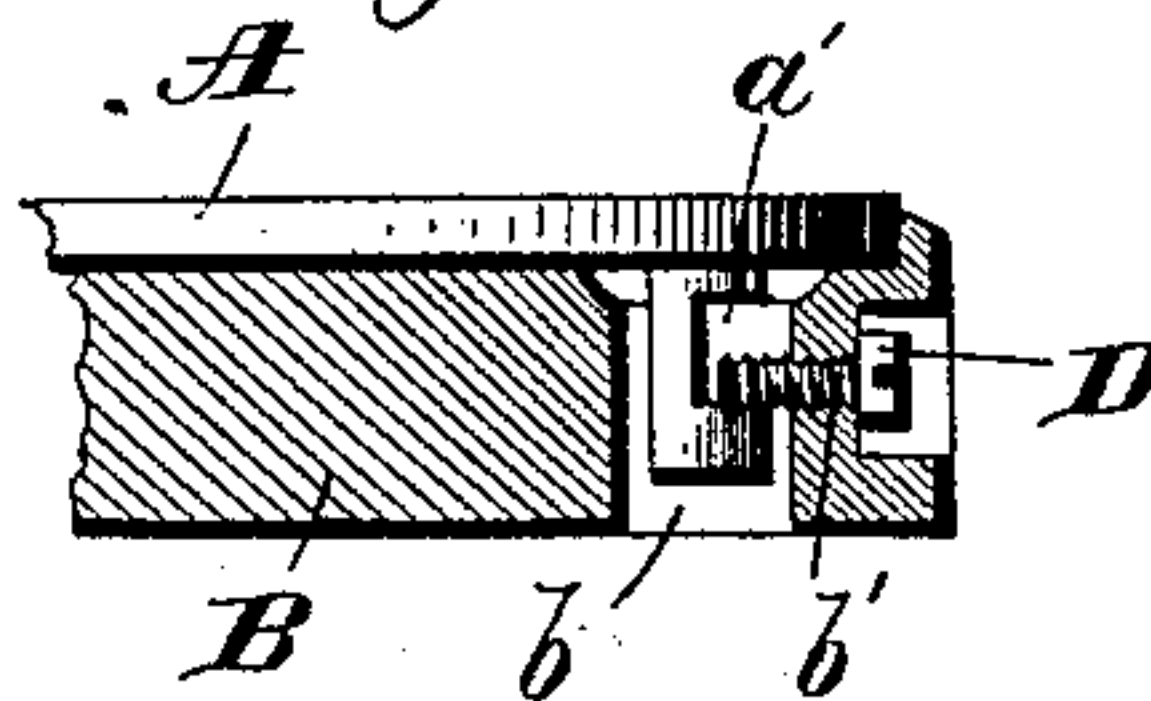


Fig. 3.



Witnesses:
Jas. E. Hutchinson.
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Inventor.
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UNITED STATES PATENT OFFICE.

GEORGE E. HUNTER, OF ELGIN, ASSIGNOR TO THE ELGIN NATIONAL
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FASTENING FOR WATCH-DIALS.

SPECIFICATION forming part of Letters Patent No. 523,913, dated July 31, 1894.

Application filed January 31, 1894. Serial No. 498,575. (No model.)

To all whom it may concern:

Be it known that I, GEORGE E. HUNTER, a citizen of the United States, residing at Elgin, in the county of Kane, and in the State of Illinois, have invented certain new and useful Improvements in Fastenings for Watch-Dials; 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 a dial, having its feet notched. Fig. 2 is a section of the dial, dial plate foot and fastening screw, before the latter is screwed to place, and Fig. 3 is a like view of the same, after the screw has been turned to position.

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

The object of my invention is to enable a watch-dial to be firmly secured in place, to which end, such invention consists in the means employed for drawing it down to and locking it upon the dial-plate, substantially as and for the purpose hereinafter specified.

In the carrying of my invention into practice, each foot *a* of a dial *A* is provided within its outer side with a transverse notch *a'* which has, preferably, parallel upper and lower sides. For the reception of the feet *a* and *a'*, of said dial, the front movement plate *B* is provided with corresponding openings *b* and *b'*, and within its periphery has radial, threaded openings *b'*, *b'*, one of which extends into each of said openings *b*, and contains the usual dial screw *C*. Each notch *a'* is somewhat wider than the diameter of the inner end of the screw *C*, and is located with reference thereto, so that when said screw is turned inward its thread will ride over, and cut into

the lower side of such notch, and operate to press the foot *a* longitudinally inward, and thus draw the dial *A* down upon the plate *B*. A dial thus combined with its plate cannot work loose, and must be firmly seated and held in place whenever the fastening screws are turned inward to position. If desired, the inner end of the screw may be made smooth and slightly tapering so as to produce the necessary drawing action.

The screw causes no strain laterally upon the dial foot, and is itself effectively locked in place by its prescribed engagement therewith. With the ordinary mode of fastening, the screw is liable to gradually work loose.

Having thus described my invention, what I claim is—

1. In combination with the notched foot of a watch dial, and with a dial plate having an opening into which such foot projects, a screw passing into the notch in the foot and engaging the lower side thereof, substantially as and for the purpose specified.

2. In combination with the notched feet of a watch dial, and with a dial plate provided with openings for the reception of such feet, a screw which passes radially into each of such openings, and is adapted to have its inner end enter into, and to engage with the lower side of the notch in the contiguous dial foot, substantially as and for the purpose shown.

In testimony that I claim the foregoing I have hereunto set my hand this 9th day of December, A. D. 1893.

GEORGE E. HUNTER.

Witnesses:

GEO. S. PRINDLE,
CARLOS H. SMITH.