L. VAN DOREN.

Dial Fastening for Watches.

No. 196,726. Patented Oct. 30, 1877.

Fig. 1.

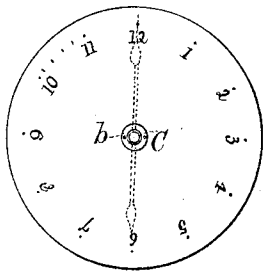


Fig. 2.

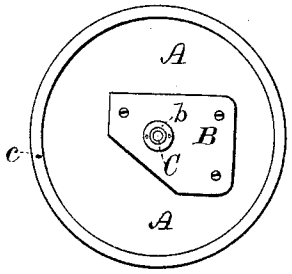


Fig. 3.

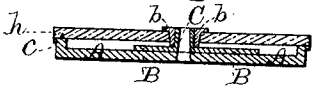


Fig. 4.



WITNESSES:

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UNITED STATES PATENT OFFICE.

LANSING VAN DOREN, OF WASHINGTON, DISTRICT OF COLUMBIA.

IMPROVEMENT IN DIAL-FASTENINGS FOR WATCHES.

Specification forming part of Letters Patent No. **196,726**, dated October 30, 1877; application filed April 14, 1876.

To all whom it may concern:

Be it known that I, LANSING VAN DOREN, of Washington, District of Columbia, have invented a new and useful Improvement in Watches; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, in which—

Figure 1 is a plan view of a watch, showing the pillar-plate and the manner of fastening the dial. Fig. 2 is a plan view with dial removed. Fig. 3 is a sectional view of the same. Fig. 4 is a view of the conical-shaped nut.

Corresponding letters show corresponding parts.

A represents the pillar-plate; B, a plate shaped so as to form the ratchet-bridge, and extends out over the motion-wheels, the bottom of the plate being recessed for the wheels. C shows a projection or sleeve, which is struck up, leaving a hole, through which the socket of hour-wheel passes. The outside of the sleeve has a thread cut on it to fit the conical-shaped nut *b*, which centers and holds the dial firmly in its proper place when screwed down. *h*, a V-shaped notch, fitting on a pin or screw, *c*, to prevent the dial from turning out of place.

By this manner of fastening, the dial can be removed without taking the watch out of the case, which, in many instances, is very desirable, and, by doing away with the dial-posts, obviates the danger of cracking the dial. It will be evident, also, that the dial can be made of any desirable material, thereby securing cheapness and a variety in dials. Even a glass dial can be fastened securely and safely in this manner.

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

In a watch, a dial-fastening extending from the pillar-plate up to and through the dial, substantially in the manner and for the purpose herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 22d day of July, 1876.

LANSING VAN DOREN.

Witnesses:
JOS. T. K. PLANT,
W. T. VAN DOREN, Jr.