

(No Model.)

A. LORSCH.

WATCH CASE.

No. 361,168.

Patented Apr. 12, 1887.

fig. 1.

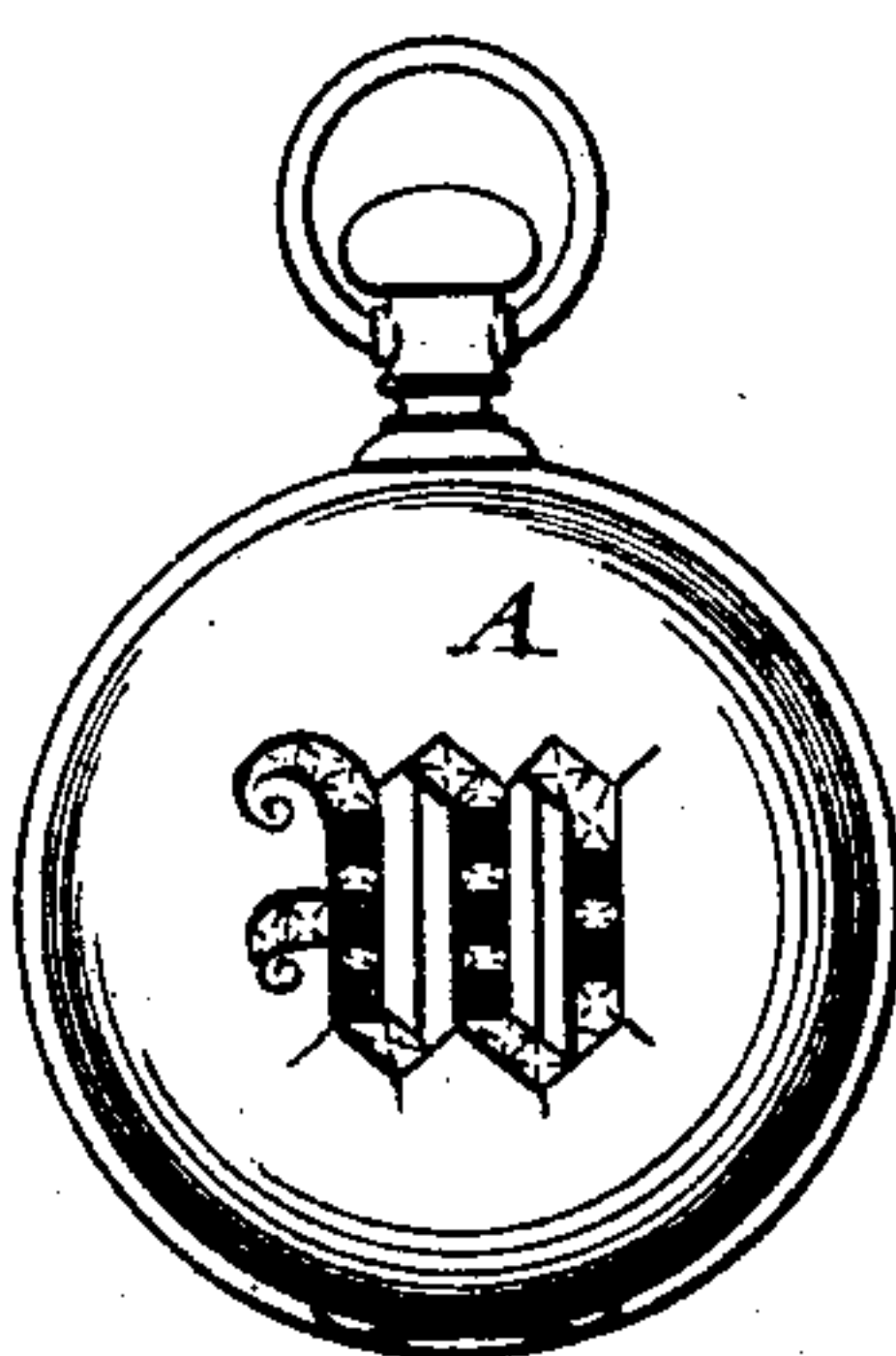
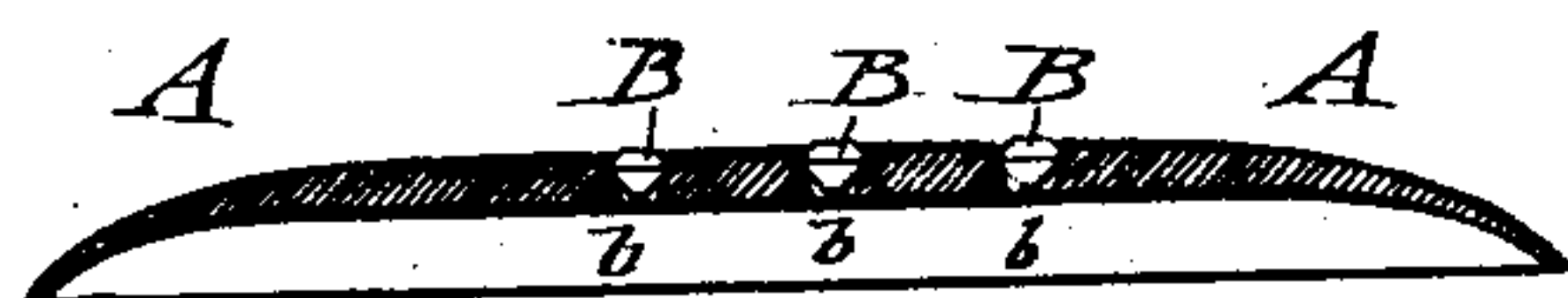


fig. 2.



WITNESSES:

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WATCH-CASE.

SPECIFICATION forming part of Letters Patent No. 361,168, dated April 12, 1887.

Application filed January 14, 1887. Serial No. 234,320. (No model.)

To all whom it may concern:

Be it known that I, ALBERT LORSCH, of the city, county, and State of New York, have invented certain new and useful Improvements in Watch-Cases, of which the following is a specification.

This invention relates to watch-cases and lockets of that class in which the cap is studded with diamonds, the invention being designed to re-enforce the cap and provide a better and stronger support for the diamonds.

In the diamond-studded watch-cases and lockets heretofore in use the cap was provided at the under side with a re-enforcing plate of a size large enough to correspond to the letters or ornaments to be produced thereon in diamonds. This re-enforcing plate imparted the required degree of stiffness to the cap, and furnished the required depth for the holes or sockets into which the diamonds were set.

The objection to this class of watch-cases and lockets was that the outside of the re-enforcing portion was not sufficiently stout, and that notwithstanding the re-enforcing plate the diamonds were liable to become loose in their sockets and get lost, especially when pressure was exerted on the front of the case or locket.

The object of this invention is to overcome this difficulty in a simple, reliable, and effective manner; and the invention consists of a watch-case or locket the cap of which is made of gradually-increasing thickness from the circumference toward the center, so as to have sufficient thickness for securely studding the diamonds in the same.

In the accompanying drawings, Figure 1 represents a front elevation of a watch-case made according to my invention. Fig. 2 is a vertical transverse section of the cap of a watch-case or locket, drawn on a larger scale.

Similar letters of reference indicate corresponding parts.

In making my improved watch-cases or

lockets the caps or fronts A of the same are stamped out or otherwise made in such a manner that the thickness of the same increases from the circumference or rim toward the center of the fronts or caps. The increased thickness of the front or cap re-enforces the same sufficiently so as to permit it to be studded with diamonds B, which are set into sockets b of the front or back, as shown in Fig. 2. The faces of the diamonds are flush with the outer surface of the front or back, while the points of the same project slightly beyond the inner surface. By thus re enforcing the front or cap the diamonds can be secured and set into the sockets of the same without requiring a re-enforcing plate, as a sufficient degree of stiffness is given to the entire front or back from the center to the circumference to prevent the "giving" of the same by pressure, and consequently the playing loose and detaching of the diamonds. The backs can also be re-enforced in the same manner as the caps, and then finished with ornamental incrustations set in recesses of said caps or backs, in which case the incrustations are protected like the diamonds by the increased stiffness of the cap or back.

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

A watch-case or locket having a cap or back made of a single plate, the thickness of which gradually increases from the rim to the center, said cap or back having sockets or recesses in its outer face, and diamonds or incrustations inserted in said sockets or recesses, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

ALBERT LORSCH.

Witnesses:

OSCAR F. GUNZ,
PAUL GOEPEL.