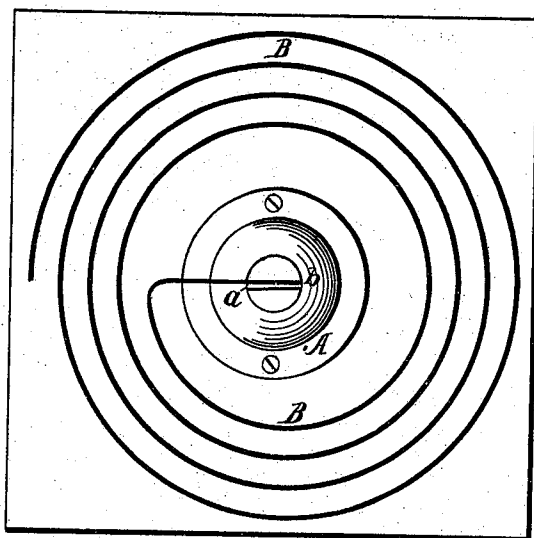


H. A. SEYMOUR.

CLOCK-BELL.

No. 173,139.

Patented Feb. 8, 1876.



WITNESSES

E. J. Nottingham
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By

INVENTOR

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UNITED STATES PATENT OFFICE.

HENRY A. SEYMOUR, OF BRISTOL, CONNECTICUT.

IMPROVEMENT IN CLOCK-BELLS.

Specification forming part of Letters Patent No. **173,139**, dated February 8, 1876; application filed January 3, 1876.

To all whom it may concern:

Be it known that I, HENRY A. SEYMOUR, of Bristol, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Clock-Bells; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

Heretofore clock-bells have been constructed as follows: To the inner end of the wire coil a brass collet, about one-quarter of an inch in thickness, is soldered; the apex of the metallic bell-stand is tapped or threaded, and the collet is secured to the top of the stand by means of a screw.

The object of my invention is to lessen the initial cost of, and at the same time produce, a durable and effective clock-bell.

My invention consists in a clock-bell having its wire secured to the metallic stand by its being forced into a slot cast or milled in said stand.

The drawing shows a plan view of my invention.

A is a metallic bell-stand, usually made of cast-iron. The top of the stand A is provided

with a slot, *a*, which may be formed in casting or milling the same. B is the wire coil that constitutes the bell, and its inner end *b* is secured within the slot *a* of stand A by a punch, which forces the wire into the slot, and also upsets the walls of slot *a* in a manner to firmly secure the wire to the stand.

The slot *a* should be made a little smaller than the wire of which the bell is made, in order that the wire, when forced into the slot, may be firmly secured to the stand. Should the slot *a* be a little larger than the end *b*, a small piece of thin sheet-brass or other metal may be inserted between the wire and the adjacent side of the slot, and then the wire, being forced into the slot, will be firmly secured therein.

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

A clock-bell wherein the wire is secured within a slot formed in the top of the stand, substantially as and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand.

HENRY A. SEYMOUR.

Witnesses:

MILES L. PECK,
C. S. TREADWAY.