

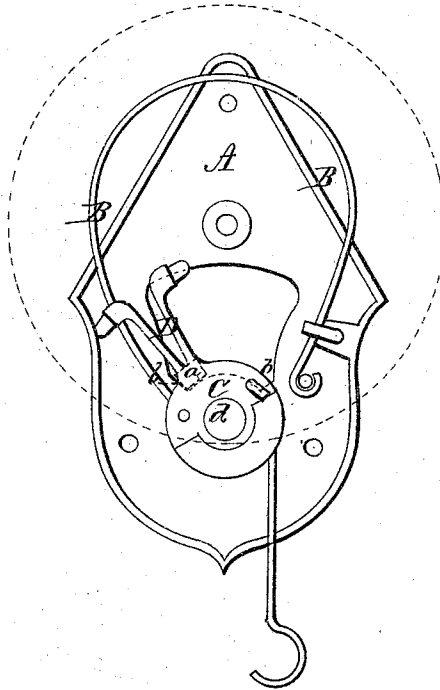
W. M. PRESTON.

Door-Bells.

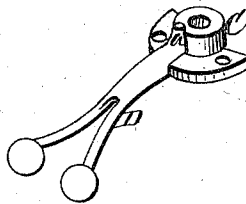
No. 142,412.

Patented September 2, 1873.

*Fig. 1.*



*Fig. 2.*



Witnesses

John A. Ellis  
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# UNITED STATES PATENT OFFICE.

WILLIAM M. PRESTON, OF ROXBURY, NEW YORK.

## IMPROVEMENT IN DOOR-BELLS.

Specification forming part of Letters Patent No. **142,412**, dated September 2, 1873; application filed March 20, 1873.

*To all whom it may concern:*

Be it known that I, WILLIAM M. PRESTON, of Roxbury, in the county of Delaware and State of New York, have invented certain new and useful Improvements in Bell-Hammers; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to door or pull bells; and it consists in a twin or double hammer cast with or attached to the cylinder or tumbler of a door-bell, said cylinder or tumbler to be cast in any form or size, and to be provided with stops to operate in connection with stops situated on the base of said door-bell, as will be more fully hereinafter set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is an interior view of a door-bell, showing my improvement; and Fig. 2 is a perspective view, showing a modification of the same.

A represents the base-plate, upon which the spring B is secured, to operate upon the cylinder or tumbler C in the same manner as described in my patent for door-bell, August 20,

1872, the cylinder or tumbler being placed on a stud, *d*, as shown. The cylinder C may be constructed of any form and of any size desired, and has a twin or double hammer, D, either cast with or attached to it in any suitable manner. In either case the double hammer consists of two stems and two hammers pointing outward in opposite directions. The double hammer D is to be made of some malleable metal, so that if the bell should not work properly the hammers may be spread further apart or pressed closer together, as required. On the cylinder or tumbler is formed a stop, *a*, to operate in connection with stops *b b* on the base-plate A, these latter stops being formed by casting an opening in the plate, as shown in Fig. 1.

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

The double hammer D, having the two stems and two hammers, the cylinder C, having stop *a*, and base-plate A, provided with the stops *b b*, all constructed and arranged for operation as and for the purpose specified.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

WM. M. PRESTON.

Witnesses:

D. C. NOXON,

J. W. STRATTON.