D. MOSMAN.

Door-Bells.

No. 148,378. Patented March 10, 1874.

Fig. 1.

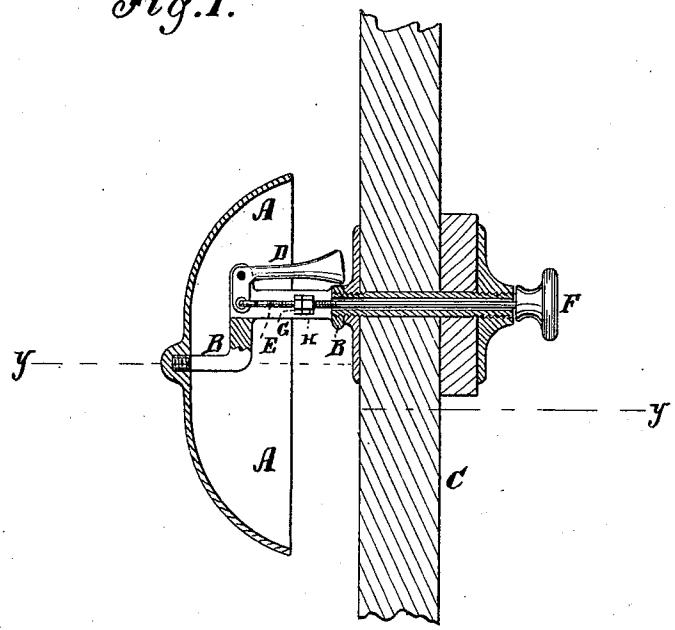
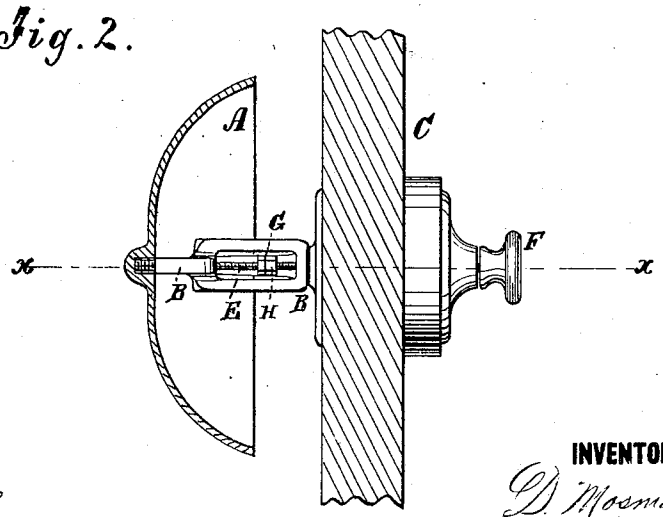


Fig. 2.



WITNESSES:

A Bennemendorf.

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INVENTOR:

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BY

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ATTORNEYS.

UNITED STATES PATENT OFFICE.

DAVID MOSMAN, OF WEST MERIDEN, CONNECTICUT.

IMPROVEMENT IN DOOR-BELLS.

Specification forming part of Letters Patent No. **148,378**, dated March 10, 1874; application filed February 7, 1874.

To all whom it may concern:

Be it known that I, DAVID MOSMAN, of West Meriden, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Door-Bell, of which the following is a specification:

Figure 1 is a detail section of my improved door-bell or gong, taken through the line *x x*, Fig. 2. Fig. 2 is a detail section of the same, taken through the line *y y*, Fig. 1.

Similar letters of reference indicate corresponding parts.

My invention has for its object to improve the construction of the mechanism for operating a door-bell or gong, so as to make it reliable in use, and so that it may be conveniently adjusted to cause the hammer to strike a heavier or lighter blow, as may be desired.

The invention consists in the bent and slotted standard or bracket, the bent bell-hammer, the screw-rod, and the adjusting-nut, and its washer or jam-nut, constructed and arranged to operate, in connection with the gong, as hereinafter fully described.

A represents a gong, which may be screwed upon the end of the standard B, which is attached to the door or other support C. The standard B is made with an offset or bend, as shown in Fig. 1, and to its angle is pivoted the angle of the hammer D. The hammer D is made of such a length as to strike the edge of the gong A. The short arm of the hammer D projects down into a slot in the shank of the standard or bracket B, and to its end is pivoted the end of the rod E, which passes out through a hole in the door or door-post C, or through a tube inserted in said hole, and to its other end is attached the knob F, by which the said rod is pulled to sound the gong. Upon the inner part of the rod E is cut a screw-thread, upon which is screwed a nut, G, which strikes against the base of the bracket or standard B to limit the movement of the rod E, and thus regulate the force with which the hammer D strikes the gong A. A washer or jam-nut, H, may be placed upon the rod E, between the nut G and the base of the standard B, to prevent the said nut G from being turned upon the rod E, and thus moved out of place by the concussion. The knob F may be attached to the end of the rod E, or may be connected with said rod by a wire and bell-levers, according to the position in which the gong A is placed.

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

The bent and slotted standard or bracket B, the bent bell-hammer D, the screw-rod E, and the adjusting-nut G, and its washer or jam-nut H, constructed and arranged to operate in, connection with the gong A, substantially as herein shown and described.

DAVID MOSMAN.

Witnesses:
FRANK G. OTIS,
H. D. BEELER.