

W. WILSON.
DOOR-BUTTON.

No. 182,141.

Patented Sept. 12, 1876.

Fig. 1.

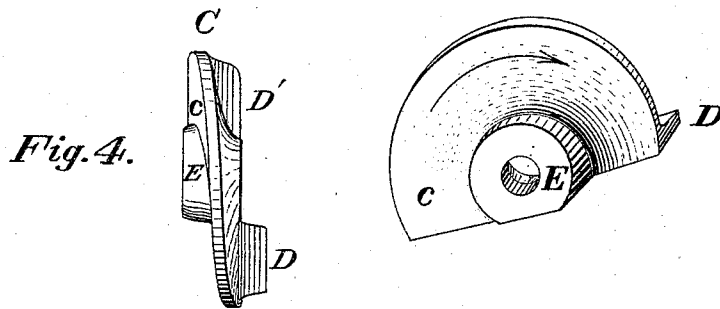


Fig. 2.

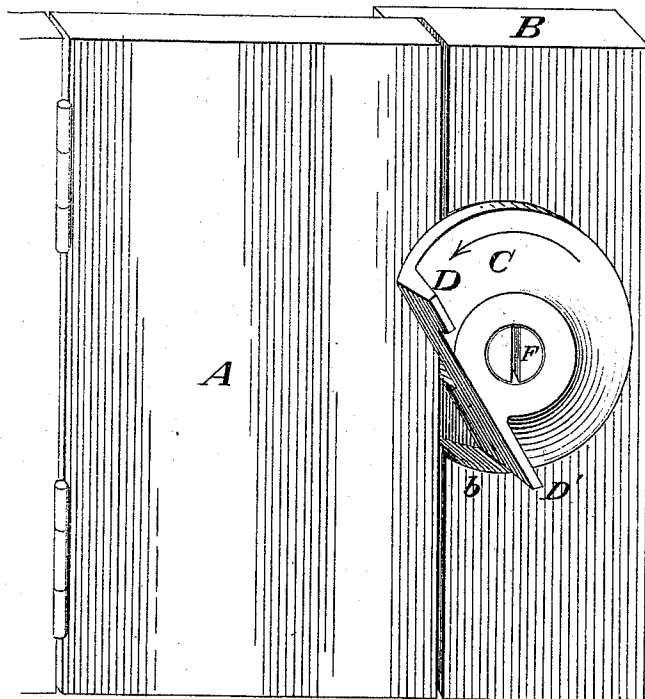
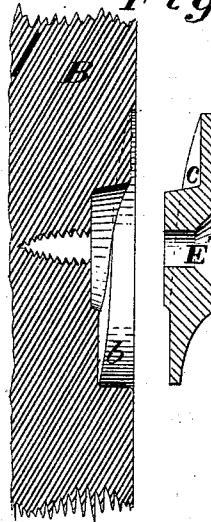


Fig. 3.



Attest
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WILLIAM WILSON, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN DOOR-BUTTONS.

Specification forming part of Letters Patent No. **182,141**, dated September 12, 1876; application filed July 27, 1876.

To all whom it may concern:

Be it known that I, WILLIAM WILSON, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Door-Button, of which the following is a specification:

My invention is an improvement in the class of door or cupboard buttons, which are attached to the door-jamb by a wood-screw, which constitutes their pivot; and my improvement consists in giving the rear or effective surface of the button a helical contour, so that, as the button is rotated, it is caused to bind with gradually-increasing stress upon the door.

In the accompanying drawings, Figure 1 is a rear view of a door-button embodying my invention. Fig. 2 represents the same in position. Fig. 3 shows the button and contiguous portion of jamb by section in plane of the button's axis. Fig. 4 is an edge view of the button.

A may represent any door, and B its jamb, its face recessed, *b*, to fit and receive the rear parts of the button. My button, C, has, in the plane of its rotation, the form of a circular segment somewhat in excess of a semicircle.

The central portion of the button consists of a hub, E, whose rear surface is in the plane of desired rotation, and which is traversed by the axial orifice E' for a wood-screw, F.

That part, *c*, of the rear surface of my button surrounding the hub is helical or screw-formed, as shown.

D D' is a lug to enable the easy operation of the button.

In fastening the door the button is turned in direction of the arrow, and, as it is advanced, operates to bind the door with increasing effectiveness until brought wholly flush with the jamb-face.

What I claim as new, and desire to secure by Letters Patent, is—

The door-button C, constructed with a helical bearing-surface, *c*, and operating flange or lug D, and a cylindrical opening, E, for the pivot-screw, substantially as set forth.

In testimony of which invention I hereunto set my hand.

WILLIAM WILSON.

Attest:

GEO. H. KNIGHT,
GEO. E. JOHNSON.