

UNITED STATES PATENT OFFICE.

MARY BROUGHTON, OF BROOKLYN, NEW YORK, (ADMINISTRATRIX OF JOHN BROUGHTON, DECEASED,) ASSIGNOR TO DANIEL H. FITZGERALD, OF READING, PENNSYLVANIA.

COMBINED DOOR-KNOB AND BUTTON.

SPECIFICATION forming part of Letters Patent No. 309,601, dated December 23, 1884.

Application filed October 10, 1883. (No model.)

To all whom it may concern:

Be it known that JOHN BROUGHTON, deceased, late of the city of Brooklyn, in the county of Kings and State of New York, invented a certain new and useful Combined Door-Knob and Button, of which the following is a specification.

This invention relates to door-fastenings in which are comprised a keeper adapted to be secured to the jamb of a door and a button which is adapted to be secured to the door and turned under the keeper, and which comprises a knob whereby it may be turned, and whereby the door may be pulled open after the button is turned to release it from the keeper.

The invention consists in a novel construction of the button and a base-plate placed under the button, and a novel combination, with the button, base-plate, and keeper, of a spring to prevent accidental turning of the button, all as hereinafter described, and particularly pointed out in the claim.

In the accompanying drawings, Figure 1 represents a face view of portions of a door and its jamb, and a combined button and knob, and a keeper attached thereto. Fig. 2 represents an edge view of said button and knob and keeper, and a section on the dotted line *x x*, Fig. 1; and Fig. 3 represents a section through the same on the dotted line *y y*, Fig. 1.

Similar letters of reference designate corresponding parts in all the figures.

A designates a button adapted to be pivoted to a door by a screw, B, and C designates a keeper to be attached to the jamb of the door, and under which the button is turned to fasten the door.

D designates a knob, also adapted to turn upon the screw B, which serves as a common pivot for both knob and button, and attached permanently to the button, so that it will turn therewith—that is, so that it cannot be turned without turning the button.

As here represented, the knob and button are both formed of a single piece of casting, and such construction is very desirable, as it enables the device to be very cheaply made.

The knob consists simply of a cup-shaped shell, at the bottom of which is a seat for the head of the screw B, and its periphery may be notched, as shown, to enable it to be strongly grasped in the hand.

There is attached to the door under the button a base-plate, E, which furnishes a seat upon which the button may turn, and between the plate E and back of the button A there is inserted a spring, *a*, which presses the button outward so tightly against the keeper and screw-head that it is kept from turning. In the back or inner side of the button is a recess and a screw-hole concentric thereto; and the base-plate E has an outwardly-extending hub, made hollow for the reception of the screw B. The spring *a* surrounds the hub on the base-plate within the recess in the button, and bears with one end on the bottom of the recess, and with the other end on the base-plate E.

It is obvious that the knob may be grasped in the hand and turned to move the button away from its keeper, and by pulling upon it the door can be opened, thus enabling a door to be quickly opened with one hand while the remaining hand is otherwise occupied.

What I claim as the invention of JOHN BROUGHTON, deceased, is—

The combination of a button, A, having in the inner side a recess, and a screw-hole concentric thereto, and having on the outer side a permanently-attached knob, D, a keeper, C, for the button, a base-plate, E, having an outwardly-projecting hub adapted to enter the recess in the button, and made hollow to receive the securing-screw B, and the spring *a*, arranged in the recess of the button, and bearing upon the base-plate and the bottom of said recess, whereby the button will be pressed outward so tightly against the keeper and screw-head as to prevent accidental turning, substantially as herein described.

MARY BROUGHTON,
Administratrix.

Witnesses:

FREDK. HAYNES,
ED. L. MORAN.