(No Model.)

C. H. ROSELIUS.

DOOR CATCH.

No. 389,110. Patented Sept. 4, 1888.

Fig. 1.

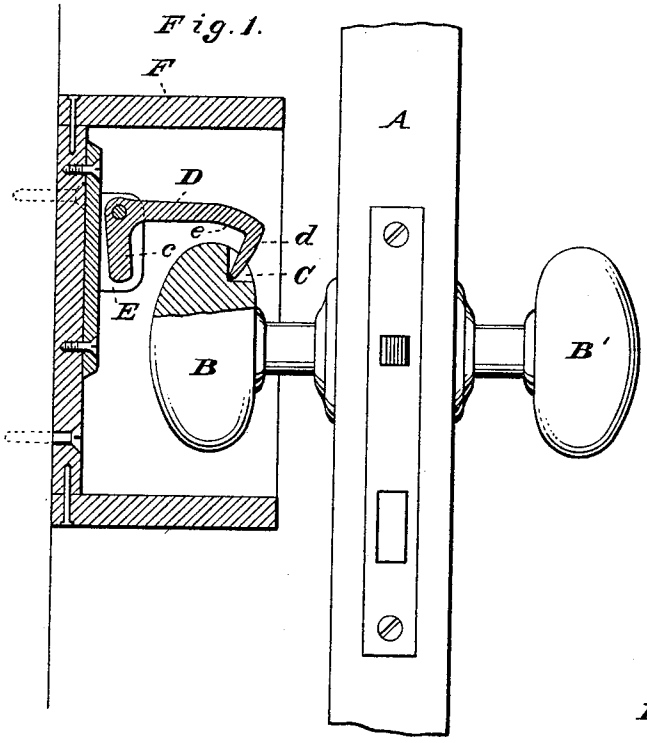


Fig. 2.

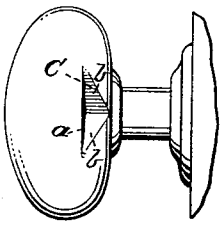


Fig. 3.

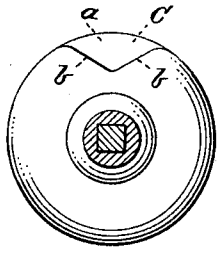


Fig. 4.

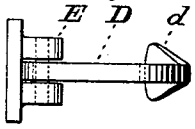
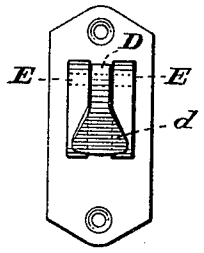


Fig. 5.



WITNESSES

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UNITED STATES PATENT OFFICE.

CHARLES HENRY ROSELIUS, OF NEBRASKA CITY, NEBRASKA.

DOOR-CATCH.

SPECIFICATION forming part of Letters Patent No. 389,110, dated September 4, 1888.

Application filed May 16, 1888. Serial No. 274,037. (No model.)

To all whom it may concern:

Be it known that I, CHARLES HENRY ROSELIUS, a citizen of the United States, and a resident of Nebraska City, in the county of Otoe and State of Nebraska, have invented certain new and useful Improvements in Door-Catches; and I do 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 appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a representation of my invention, and is a vertical section thereof. Fig. 2 is a view of the knob, showing the notch. Fig. 3 is a front view of the same. Fig. 4 is a top view of the catch, and Fig. 5 is a front view thereof.

The invention relates to improvements in door-fastenings; and it consists in the construction and novel combination of parts, as hereinafter set forth.

The object of the invention is to provide fastenings to hold the door in an open position without danger of breaking the wall by the knob striking against it, and also to construct the device so that the door can be removed from the fastening by simply turning the knob.

Referring to the drawings, A designates a door, and B B′ the knobs for turning the latch-bolt. The knob B, slightly within the line of the greatest circumference, is provided with a notch, C, having the vertical bearing-wall *a* and the inclined longitudinal floors *b b′*.

D is a drop-hook fastening having its weighted end *c* pivoted within the bearing-block E, which is secured to the inner face of the rear wall of the casing F. The casing F is secured to the wall, so as to bring the drop-hook in line with the door-knob when the door is open, and the outstanding walls of the casing prevent the hook from coming in contact with clothing, &c., when not engaged by the door-knob. The outer or hook end of the drop-hook flares outwardly and downwardly from the shank of the hook, as at *d*, and the lower edge, *e*, is made concave, to conform to the contour of the knob.

When it is desired to secure the door in an open position, it is turned back to bring the knob B against the hook, which is automatically forced over and into engagement with the notch C, and to release the door it is only necessary to turn the knob B′, which also turns the knob B and brings the notch laterally out of engagement with the hook. The weighted end of the drop-hook insures the falling of said hook, and also, as it has a wide bearing-surface within the bearing-block, prevents lateral play of the hook.

Having described my invention, what I claim is—

The drop-hook pivoted in bearings secured to the wall and having the hook end flared outwardly and downwardly and made concave on its lower edge, and the knob having the notch, having the vertical bearing-wall and the inclined floor, whereby the knob can be turned laterally out of engagement with the hook, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES HENRY ROSELIUS.

Witnesses:
R. A. WHITE,
FRANK P. IRELAND.