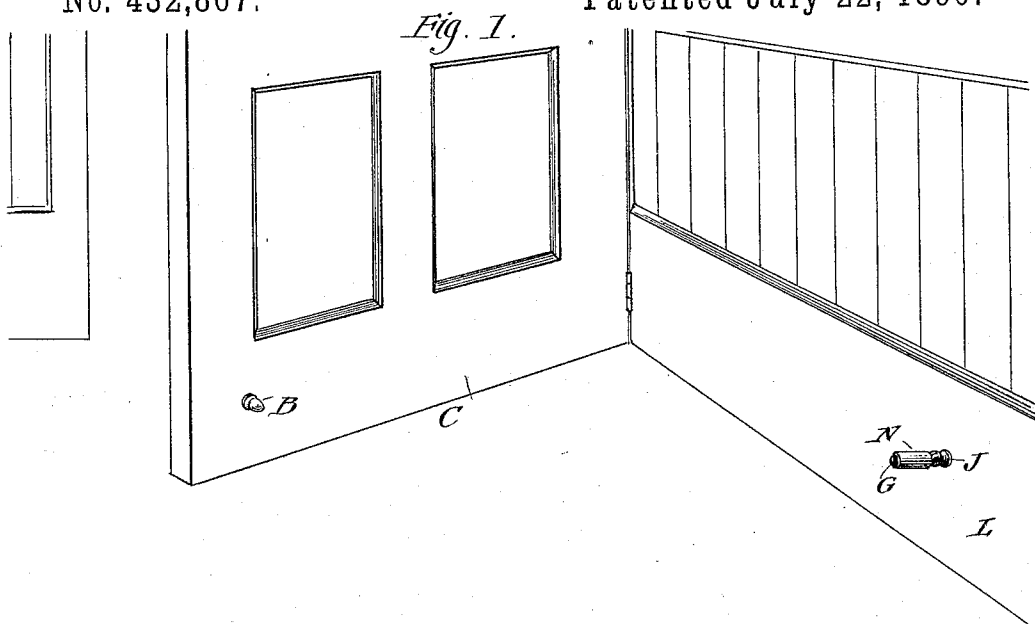
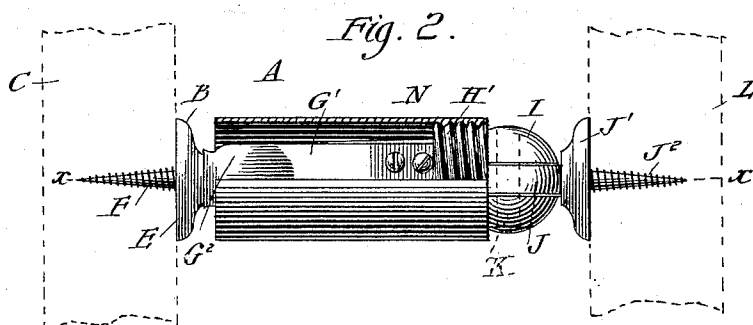
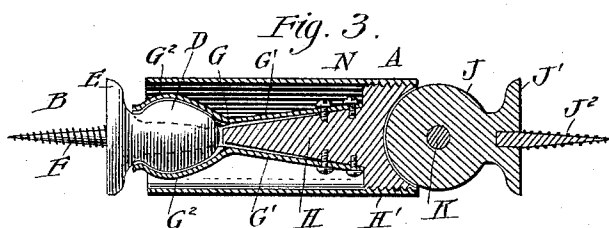


(No Model.)

C. W. FISHEL & F. S. HOTCHKISS.
DOOR CHECK.

No. 432,867.

Patented July 22, 1890.



WITNESSES:

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UNITED STATES PATENT OFFICE.

CHARLES W. FISHEL AND FRANK S. HOTCHKISS, OF CARBONDALE, COLORADO.

DOOR-CHECK.

SPECIFICATION forming part of Letters Patent No. 432,867, dated July 22, 1890.

Application filed January 27, 1890. Serial No. 338,169. (No model.)

To all whom it may concern:

Be it known that we, CHARLES W. FISHEL and FRANK S. HOTCHKISS, of Carbondale, in the county of Garfield and State of Colorado, have invented a new and Improved Door-Check, of which the following is a full, clear, and exact description.

Our invention is an improvement in that class of door-holders or so-called "door-checks" whose main feature is a spring-catch adapted to receive and firmly clasp a knob or projection (which is in practice attached to the door.) In our device the spring-catch is inclosed in and protected by a detachable barrel or tube that is applied (by means of a screw-joint) to the part having a screw for attaching it to a wall, as herein described.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of the improvement as applied. Fig. 2 is an enlarged side elevation of the same with parts in section; and Fig. 3 is a sectional plan view of the same on the line *x x* of Fig. 2.

The improved base, knob, and door-holder A is provided with a knob B, adapted to be secured to the door C, and provided with a rounded offset D, on which is formed a shoulder E, from which projects a screw F, adapted to screw in the door until the offset E abuts against the door. The rounded part D of the knob B is adapted to be engaged by a spring-catch G, made of two spring-plates G', each having at its free end a curved part G², similar in shape to the outer surface of the rounded part of the knob B.

The ends of the spring-plates G' are secured to a bar H, having its outer end formed into a fork I, between which is journaled a plate J by means of a bolt K, held in the fork I. The plate J is provided with a flange J', from which extends centrally a screw J², adapted to screw into the base-board of the wall L until the flange J' abuts against said base-board. (See Fig. 2.) The plate J is secured to the base-board L in the usual man-

ner, so that it stands horizontally, while the pivot pin or bolt K extends vertically, to permit of swinging the catch G into any desired angle in relation to the base-board L.

On the bar H, near the fork I, is formed a thread H', adapted to be engaged by an interior thread formed on one end of a barrel N, adapted to cover up the spring-catch G, and open at its outer end to permit the ready entrance of the rounded part D of the knob B. The barrel N prevents to a great extent dust from settling on the spring-catch G, and also prevents the latter from being injured.

The door-holder is used as follows: The spring-catch G is secured to the base-board L by the plate J screwing in the base-board L, and then the knob is screwed to the door C near its lower outer end, so that when the door swings open the knob B is in position to engage the bent parts G² of the spring-plates G', as illustrated in Figs. 2 and 3. When this takes place, the said spring-plates G', by their rounded parts G² pressing on the rounded part D of the knob B, hold and lock the door in an open position until the operator exerts considerable pressure on the door in order to disengage the rounded part D from the spring-catch G.

It will be seen that as the spring-catch G is articulated it can be curved into any desired position, so as to engage the knob B at all times.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

The improved door-holder consisting of the forked bar H, having the cylindrical threaded portion H', the spring-catch plates G', secured to said bar, and the internally-threaded barrel N, adapted to inclose said catches and to screw on the bar H, and the flanged plate J, pivoted to the latter and having a centrally-projecting screw, as shown and described.

CHARLES W. FISHEL.
FRANK S. HOTCHKISS.

Witnesses:

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