No. 794,657. PATENTED JULY 11, 1905.

A. J. BOLAND.

DOOR HOLDER.

APPLICATION FILED NOV. 22, 1904.

Fig. 1.

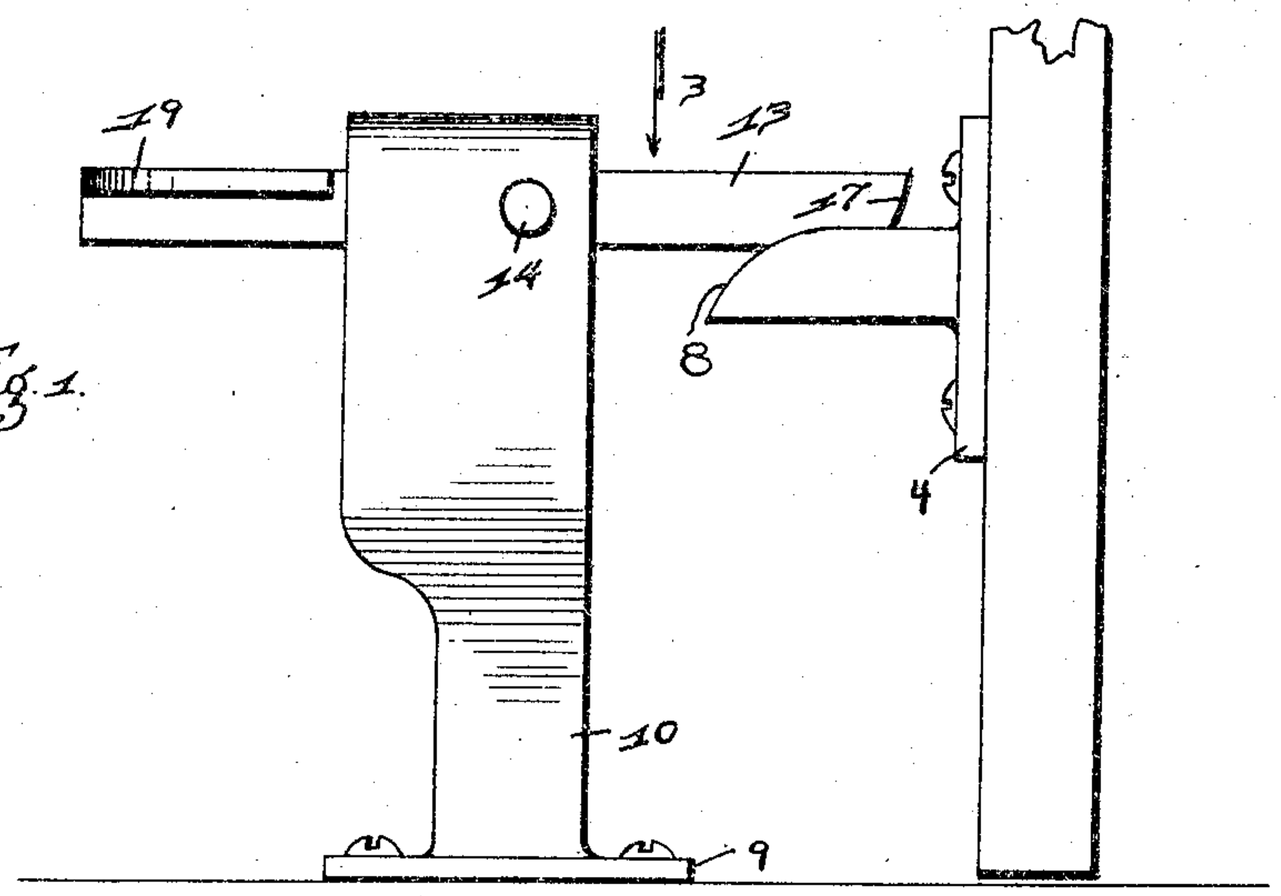


Fig. 2.

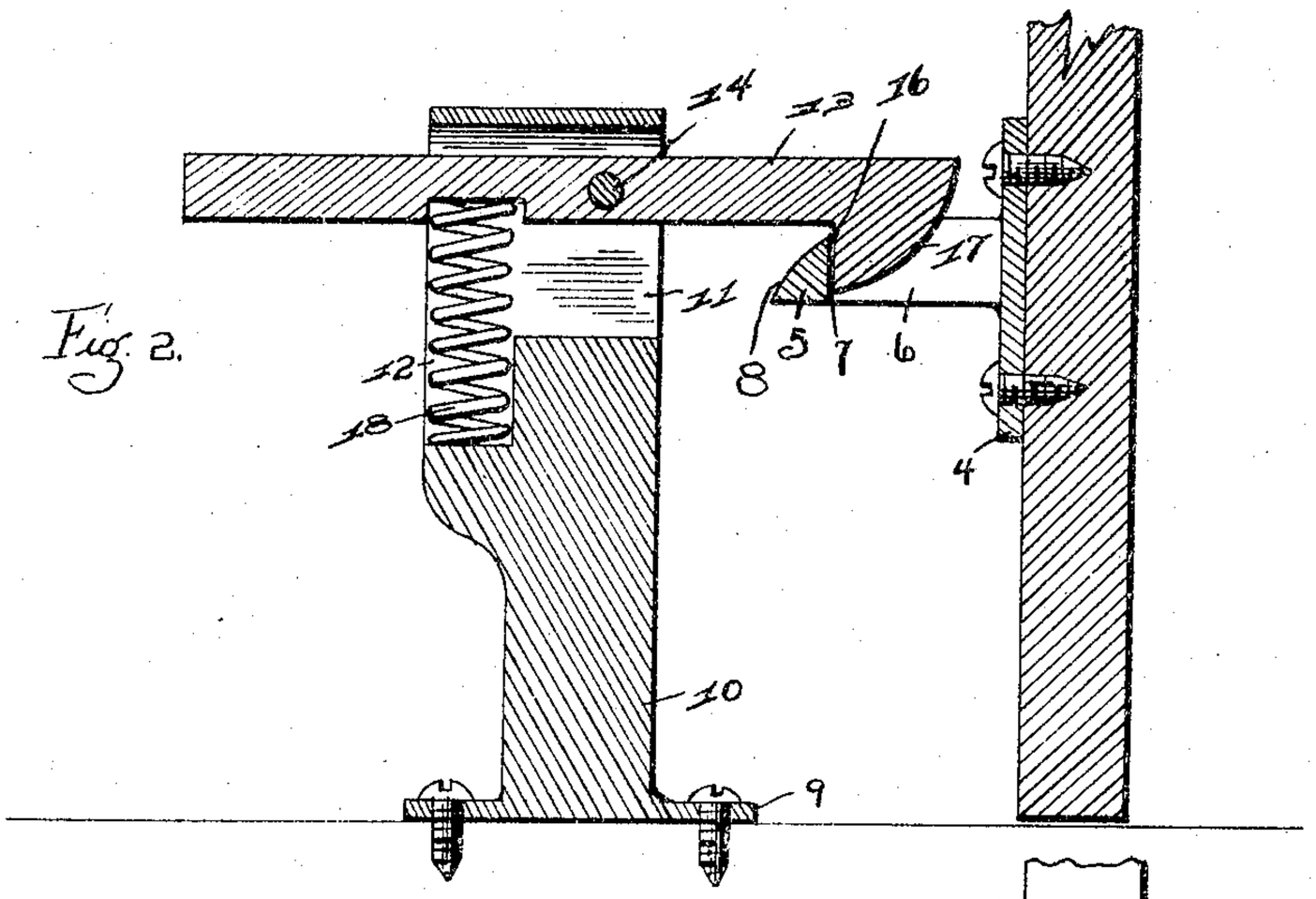
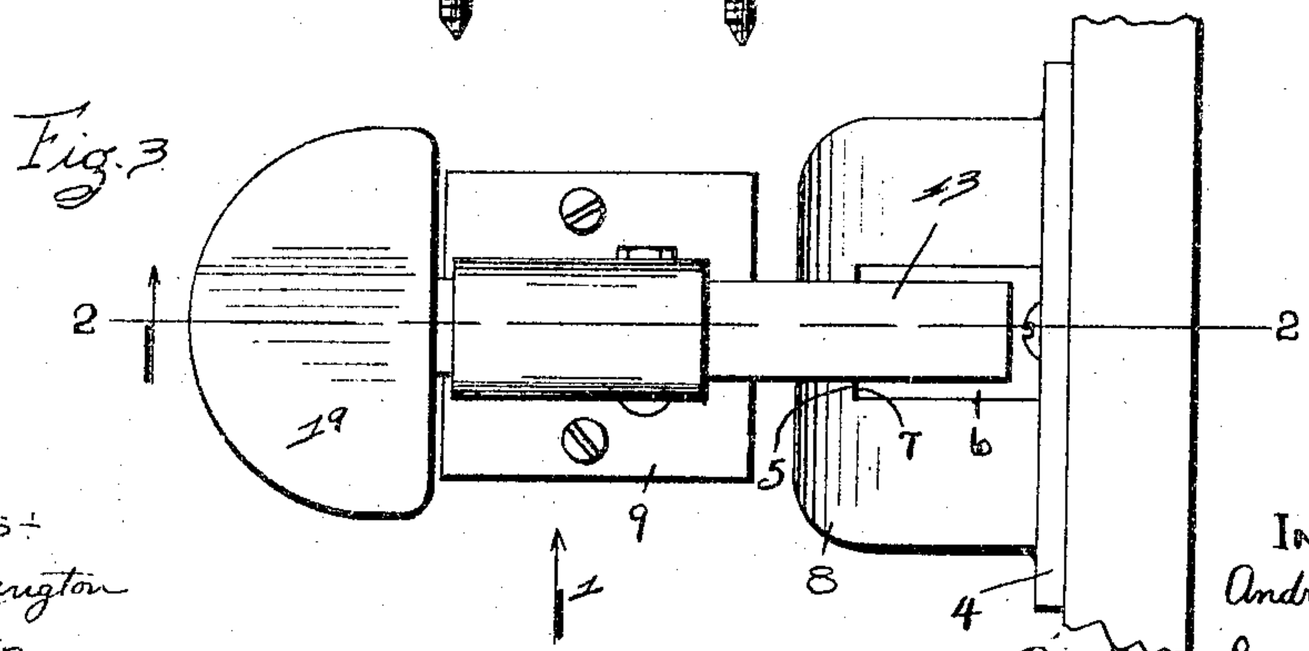


Fig. 3



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No. 794,657. Patented July 11, 1905.

UNITED STATES PATENT OFFICE.

ANDREW J. BOLAND, OF ST. LOUIS, MISSOURI.

DOOR-HOLDER.

SPECIFICATION forming part of Letters Patent No. 794,657, dated July 11, 1905.

Application filed November 22, 1904. Serial No. 233,903.

To all whom it may concern:

Be it known that I, ANDREW J. BOLAND, a citizen of the United States, and a resident of St. Louis, Missouri, have invented certain new and useful Improvements in Door-Holders, of which the following is a specification containing a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to improvements in door-holders; and it consists of the novel features herein shown, described, and claimed.

In the drawings, Figure 1 is a side elevation of a door-holder embodying the principles of my invention and taken in the direction indicated by the arrow 1 in Fig. 3. Fig. 2 is a vertical central section on a plane parallel with Fig. 1 and taken on the line 2 2 of Fig. 3 and looking in the direction indicated by the arrow. Fig. 3 is a top plan view as seen looking in the direction indicated by the arrow 3 in Fig. 1.

Referring to the drawings in detail, the rigid latch member comprises the attaching-plate 4, secured to the inner face of the door, the lug 5, extending inwardly from the plate 4 and having a vertical opening 6, and the latching-shoulder 7 and beveled face 8. The attaching-plate 9 is secured to the floor at a point calculated to hold the door in the desired open position. The post 10 extends upwardly from the plate 9, there being a longitudinal opening 11 through the upper end of the post to receive the pivoted latching member and to form the spring-casing 12. The pivoted latching member 13 is placed through the opening 11 and secured in position by the pivot-bolt 14, there being a latching-shoulder 16 to engage the shoulder 7 and the end of the member having the beveled face 17 to engage the beveled face 8. A spring 18 is placed in the spring-casing 12 to engage the pivoted latching member and hold it yieldingly in its latched position, and a foot-lever 19 is formed upon the outer end of the latching member to be engaged by the foot when it is desired to release the door. When the door swings open, the beveled face 8 engages the beveled face 17, forcing the front end of the pivoted latching member upwardly and compressing the spring 18 until the shoulder 16 passes the shoulder 7. Then the tension of the spring swings the pivoted latching member downwardly to interlock the two shoulders.

When it is desired to release the door, the foot is applied to the foot-lever 19, as before suggested.

I claim—

1. In a door-holder: a rigid latching member, adapted to be secured to the door; a suitable post, adapted to be secured to the floor; and a pivoted latching member mounted upon said post, having one of its ends extending beyond the post to serve as a foot-lever; substantially as specified.

2. In a door-holder: a post adapted to be secured to the floor and having a horizontal opening through its upper end; a spring-casing; a latch member extending in opposite directions through said opening and pivotally mounted therein, one end of said latch member being extended beyond the casing to form a foot-lever; a spring in the spring-casing engaging the latch member; a latching-shoulder upon the latching member; and a rigid latch member adapted to be secured to the door, and having a shoulder to be engaged by the latching-shoulder of the pivoted latch member; substantially as specified.

In testimony whereof I have signed my name to this specification in presence of two subscribing witnesses.

ANDREW J. BOLAND.

Witnesses:

ALFRED A. EICKS,

M. M. BRAZILL.