

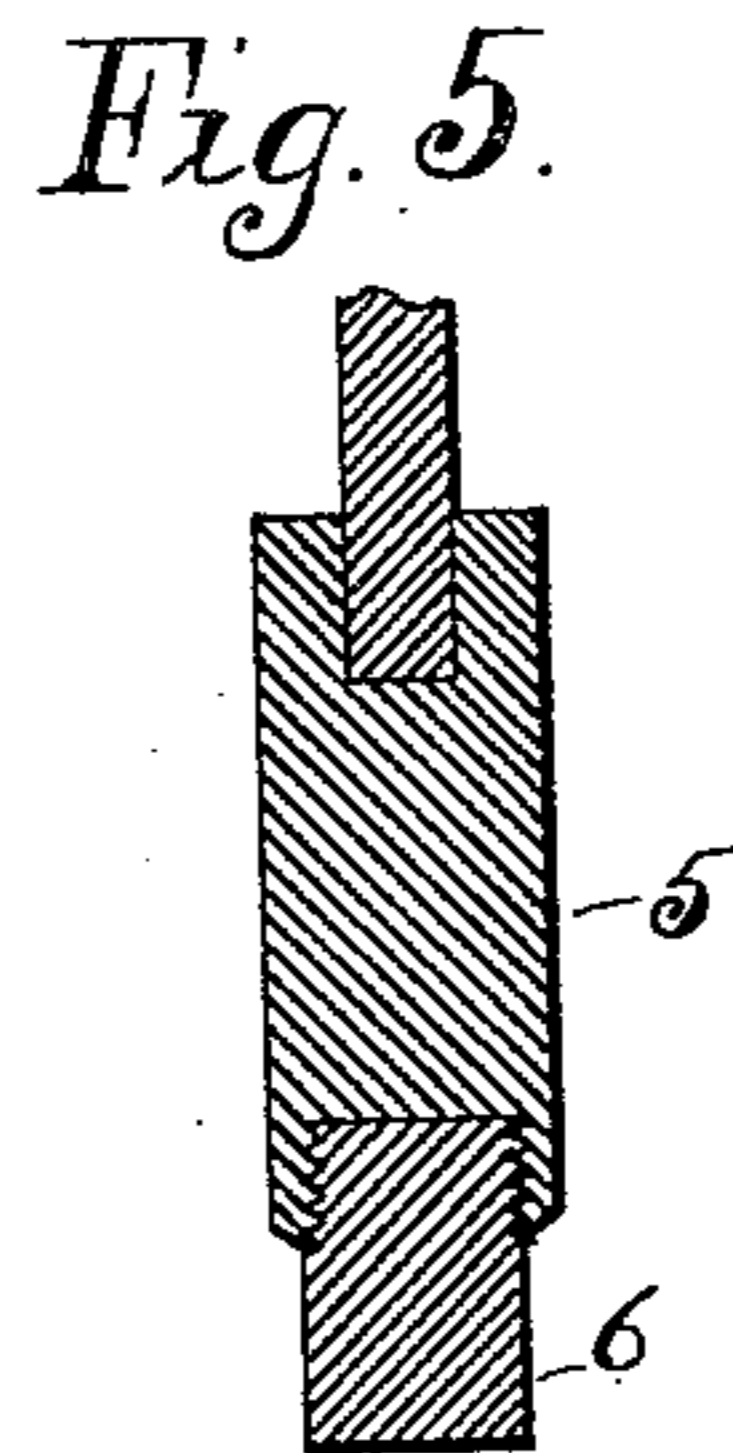
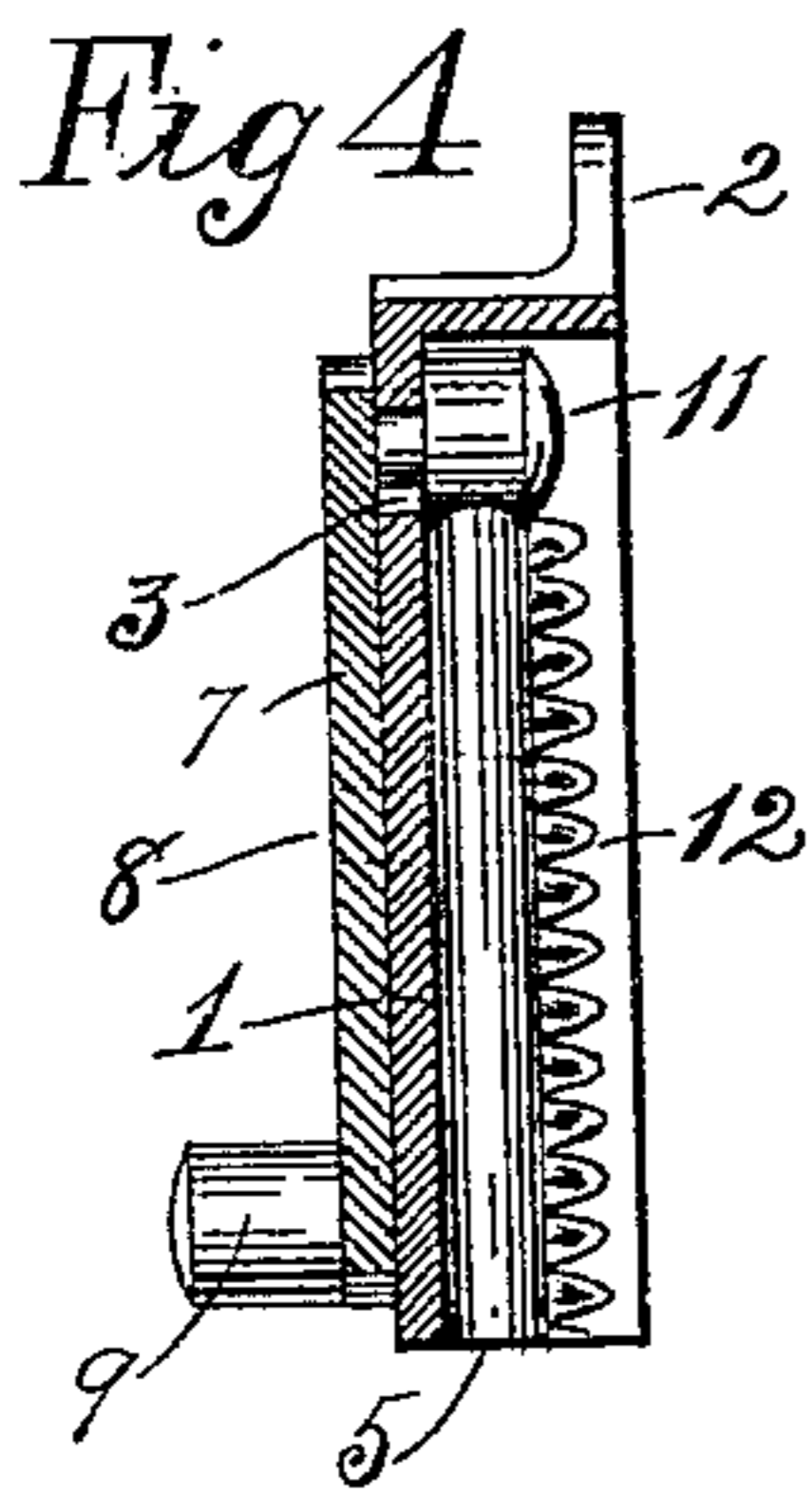
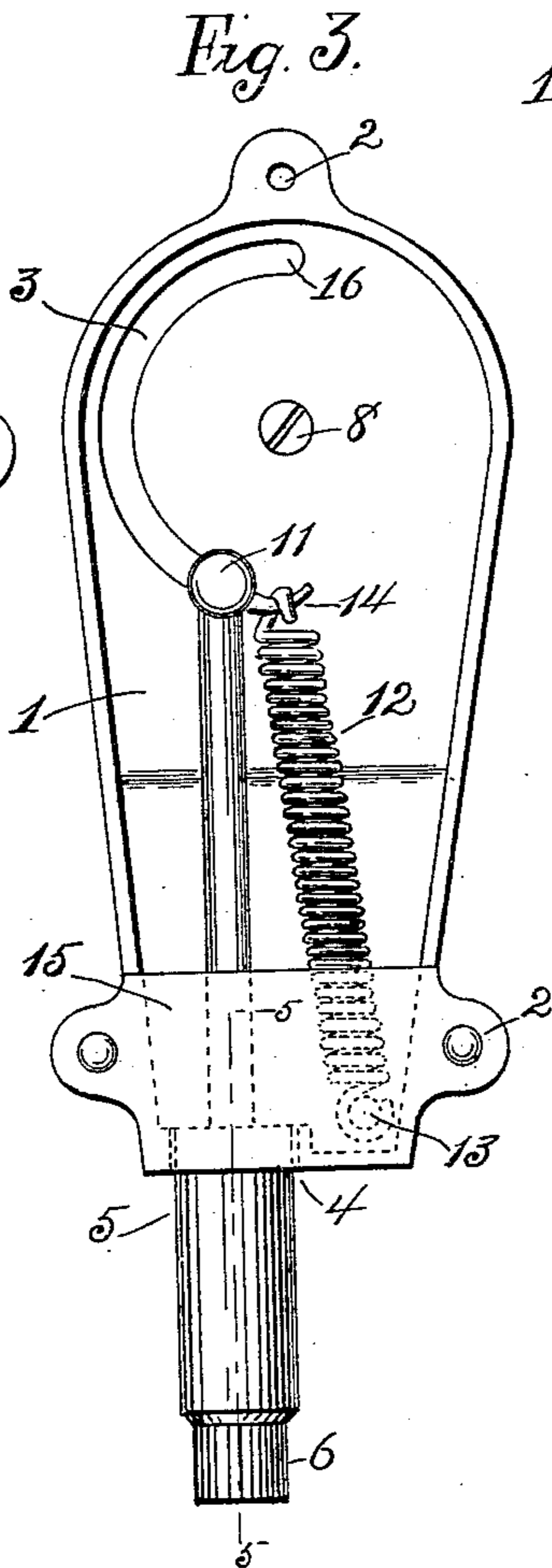
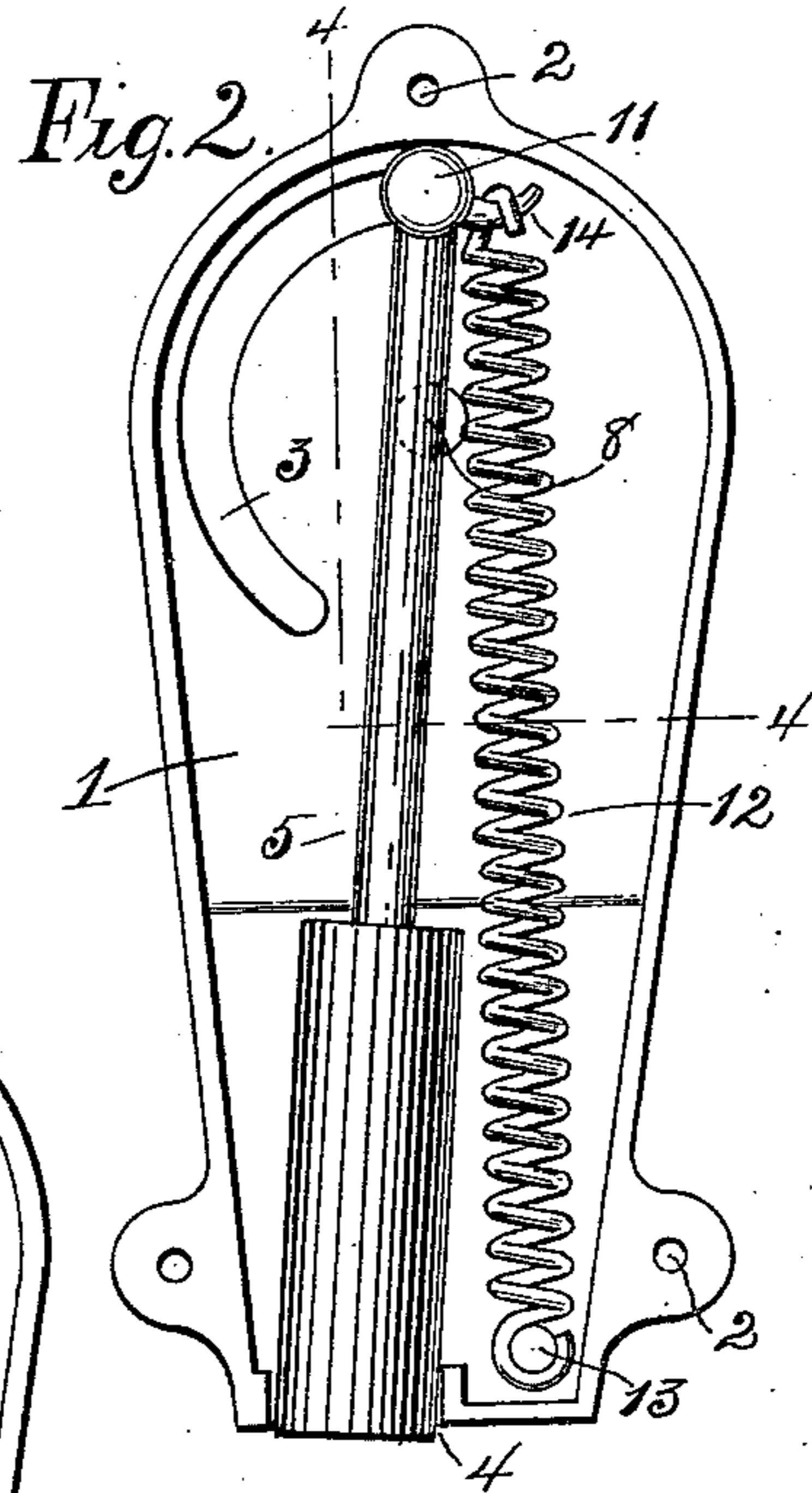
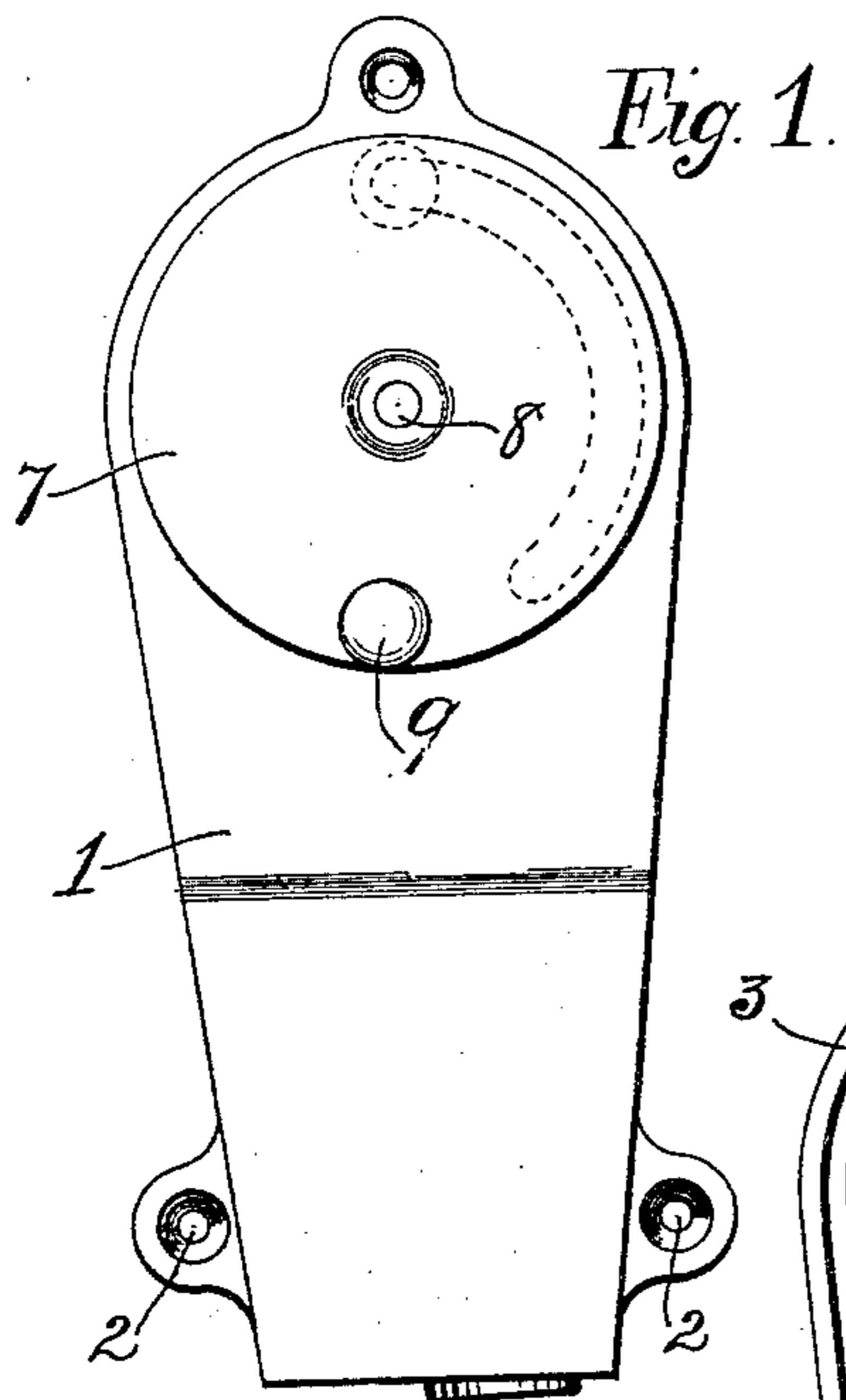
No. 638,761.

Patented Dec. 12, 1899.

J. B. SARGENT.  
DOOR HOLDER.

(Application filed Dec. 28, 1898.)

(No Model.)



Witnesses.

*J. F. Coleman*  
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# UNITED STATES PATENT OFFICE.

JOSEPH B. SARGENT, OF NEW HAVEN, CONNECTICUT, ASSIGNOR TO THE  
SARGENT & COMPANY, OF SAME PLACE.

## DOOR-HOLDER.

SPECIFICATION forming part of Letters Patent No. 638,761, dated December 12, 1899.

Application filed December 28, 1898. Serial No. 700,543. (No model.)

*To all whom it may concern:*

Be it known that I, JOSEPH B. SARGENT, of the city and county of New Haven, in the State of Connecticut, have invented a new and useful Improvement in Door-Holders, of which the following is a full, clear, and exact description, when taken in connection with the drawings which form a part thereof, and in which—

Figure 1 represents a front elevation of a holder embodying my invention; Fig. 2, a rear elevation; Fig. 3, a similar view with the parts in their protracted position; Fig. 4, a vertical transverse section on lines 4 4 of Fig. 1, and Fig. 5 a vertical section of the bolt on lines 5 5 of Fig. 3.

In all the figures similar numerals of reference represent like parts.

This invention relates to holders for doors or similar articles, and has for its object the production of a novel, efficient, and simple holder containing the various combinations of parts more fully set forth and claimed hereinafter.

In the drawings the parts designated by the numeral 1 represent a chambered casing adapted to be secured to a door or similar article by screws through screw-holes 2 or other suitable means. On the outer face of the casing is shown a parti-circular slot 3 and at one end an opening 4 for a reciprocating bolt 5, to the end of which may be attached an elastic bearing 6. For this purpose the end of the bolt 5 may be made hollow and screw-threaded, as shown in Fig. 5, for the insertion of the elastic bearing 6.

7 represents a circular disk or rotary member, pivoted at 8 to the casing 1, so that one or more lateral pins or knobs 9, with which it is provided, are on the outer face of the casing 1. The member 7 is pivotally connected to the reciprocating bolt 5 in a suitable manner, as by the lug 11, which may extend through the slot 3 and to which the reciprocating bolt 5 may be pivoted. Within the casing 1 a lengthwise contractile spring 12 for operating the bolt 5 has one end secured to a post 13 in the casing and the other connected to the bolt 5 in a suitable manner for actuating the same, as by a pin 14. A plate 15 may be secured to the inner edge of the

casing to prevent any direct contact between the working members of the holder and the door.

The operation of the device is as follows: The spring 12 normally tends to protract the bolt, which it is permitted to do when the parts are in the position shown in Fig. 3. To retract it, the disk or rotary member 7 is rotated by pressure on the lateral pin or knob 9, and the bolt 5, pivoted thereto, is retracted against the tension of the spring until at or immediately after the passage of the spring to the other side of the center or pivot 8 of the rotary member, as shown in Fig. 2, the movement is stopped by the spring tending to draw some part, as the lug 11, connecting the bolt and disk, against the casing or the end 16 of the slot 3, which acts as a check to prevent the further movement of the parts. This check to the movement takes place when the bolt 5 has reached as nearly as possible its limit of retraction, Figs. 1 and 2. To protract the bolt, sufficient pressure on the lateral pin or knob 9 will swing the disk, so that the spring is carried back across the center 8, whereupon its tension will be exerted in substantially the same line as the movement of the bolt to force it outward, the member 7 being free to swing as the lug 11 travels in the slot 3 and there being no obstruction to the rotation of the member 7 in this direction.

Having now described my invention, which may vary in its details without departing from the spirit thereof, what I claim, and desire to secure by Letters Patent, is—

1. In a door-holder, the combination with a rotary member pivotally mounted on the door; of a reciprocating bolt pivoted thereto; a spring for actuating said bolt, the force of which is transferred from one side to the other of the pivot of the rotary member by the movement of said rotary member; and a stop for limiting the movement of said rotary member in one direction against the force of said spring at or near the limit of retraction of said bolt, substantially as described.

2. In a door-holder, the combination with a casing adapted to be secured to the door or other article; of a rotary member pivotally secured to said casing; a reciprocating bolt having a pivotal connection with said rotary

member; a spring, one end of which is secured to said casing and the other having a pivotal connection with said rotary member, so that the end of the spring is transferred  
5 from one side to the other of the pivot of said rotary member upon the rotation of said member; and a stop for limiting the movement of said rotary member in one direction against the tension of said spring at or near the limit

of retraction of said bolt, substantially as described. 10

In witness whereof I have hereunto set my hand this 23d day of December, A. D. 1898.

JOSEPH B. SARGENT.

Witnesses:

ELIZABETH K. PENDLETON,  
SAMUEL H. FISHER.