

No. 834,398.

PATENTED OCT. 30, 1906.

A. McKENZIE.  
DOOR CHECK.

APPLICATION FILED NOV. 8, 1905.

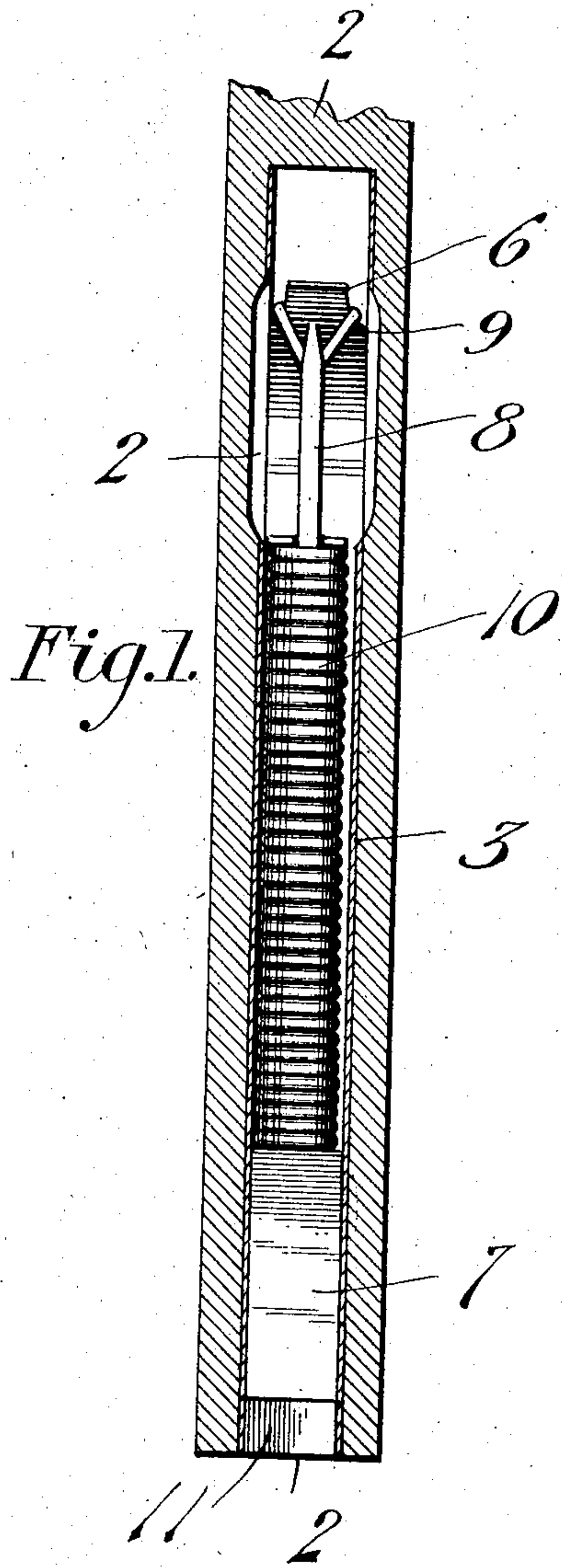


Fig. 1.

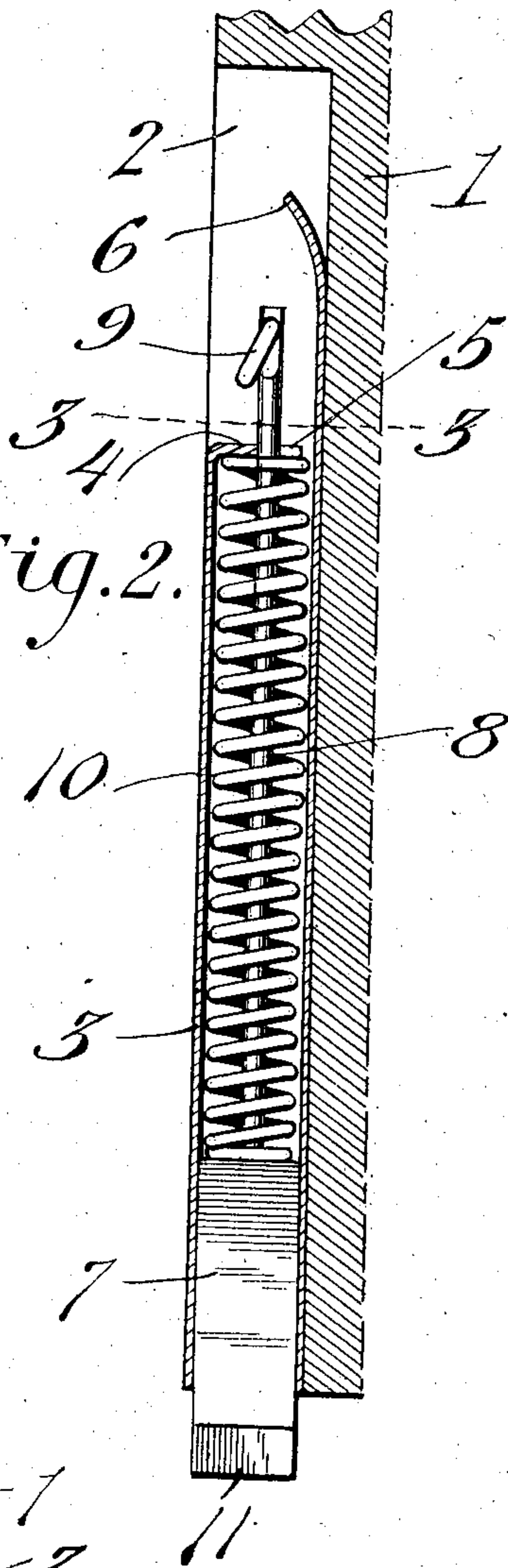


Fig. 2.

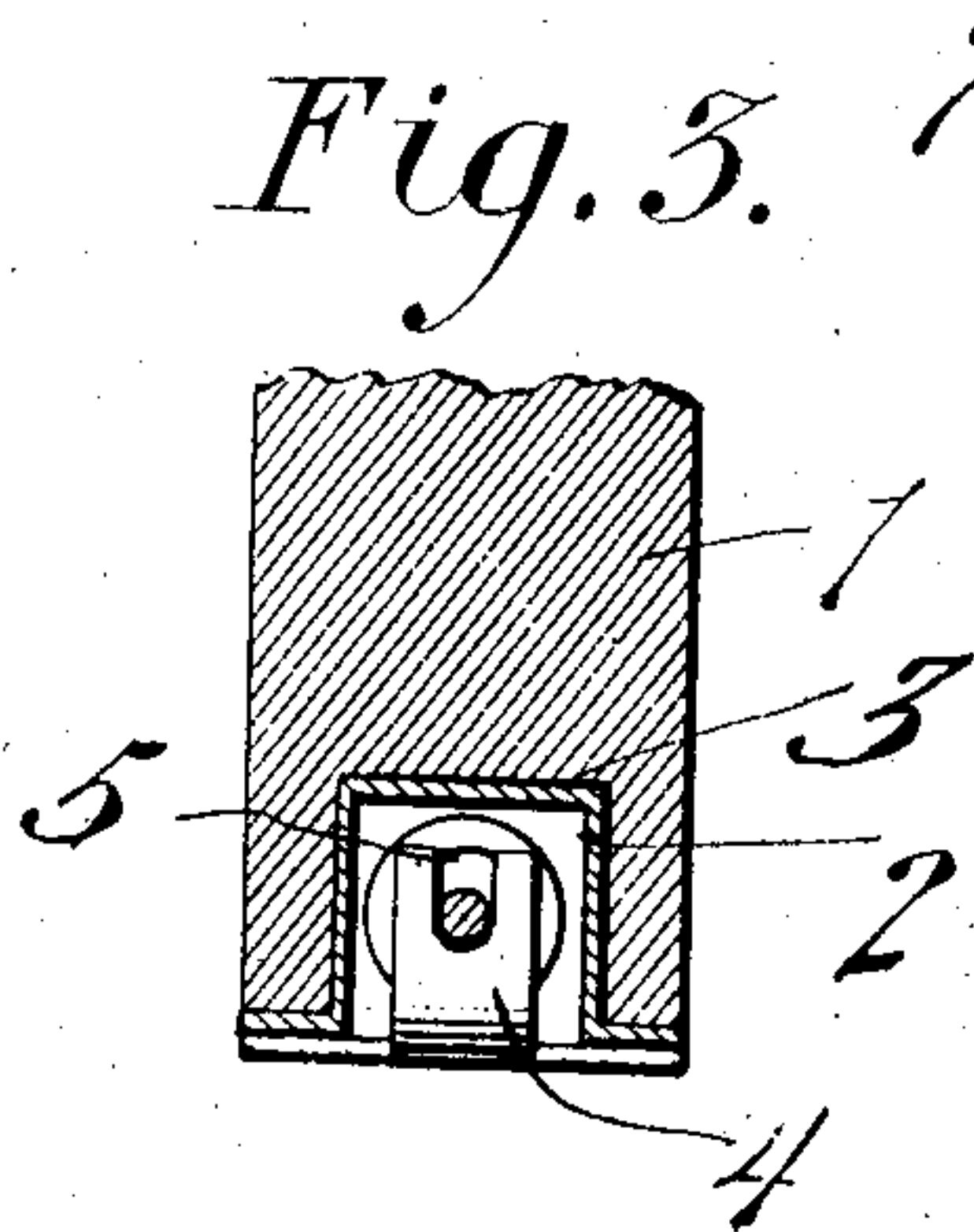


Fig. 3.

Witnesses

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# UNITED STATES PATENT OFFICE.

ALPINE McKENZIE, OF EVANGELINE, LOUISIANA.

## DOOR-CHECK.

No. 834,398.

Specification of Letters Patent.

Patented Oct. 30, 1906.

Application filed November 8, 1905. Serial No. 286,393.

*To all whom it may concern:*

Be it known that I, ALPINE McKENZIE, a citizen of the United States, residing at Evangeline, in the parish of Acadia and State of Louisiana, have invented new and useful Improvements in Door-Checks, of which the following is a specification.

This invention relates to door-checks, and has for its objects to produce a comparatively simple inexpensive device of this character which may be readily installed for use, one wherein the checking member or bolt may be conveniently locked in inactive position, and one in which the bolt may be readily released and will be pressed yieldably to engaging position.

With these and other objects in view the invention comprises the novel features of construction and combination of parts more fully hereinafter described.

In the accompanying drawings, Figure 1 is a detail sectional view of a portion of a door equipped with a check embodying the invention. Fig. 2 is a vertical section taken on the line 2 2 of Fig. 1. Fig. 3 is a horizontal section taken on the line 3 3 of Fig. 2.

Referring to the drawings, 1 designates a door provided in its outer edge with a vertical chamber or recess 2, in which is fitted a metal casing 3 of substantially rectangular form in cross-section, the front wall of which is provided at its upper end with an inturned bearing portion or bracket 4, having a bearing opening or slot 5, while the rear wall of the casing is extended upward above the bearing 4 and provided at a point suitably remote from the latter with an outturned engaging portion or finger 6.

Arranged for vertical sliding movement in the casing 3, the lower end of which is open, is a checking member or bolt 7, having a vertically-uprising guide rod or stem 8, movably disposed between its ends in the bearing-opening 5 and provided at its upper end with a pivoted locking member or bail 9, designed for engagement with the engaging portion or keeper 6, there being coiled upon the stem 8 an expansible actuating-spring 10, having bearing at its upper end against the bracket 4 and at its lower end upon the upper end of the bolt 7, the lower end of which is provided with a rubber bearing portion or shoe 11.

In practice the parts are normally maintained in the position indicated in Fig. 1 with

the bolt withdrawn into the casing 3 and the locking member 9 engaged with the keeper 6, under which conditions the spring 10 will be compressed and the door adapted for free movement to open or closed position. When, however, it is desired to lock the door in open position, the bail 9 is disengaged from the keeper 6 and the spring 10 expands, thereby projecting the bolt to active position, as seen in Fig. 2, with the shoe 11 in secure frictional engagement with the floor for fixing the door against movement, as will be readily understood and as is usual in devices of this class.

It is to be particularly observed that under my construction there is produced a simple form of checking member which may be readily applied for use and one in which the locking-bolt may be conveniently secured in inactive position or released for automatic movement under the influence of spring 10 to active engaging position.

From the foregoing it is apparent that I produce a simple device admirably adapted for the attainment of the ends in view, it being understood that in attaining these ends minor changes in the details herein set forth may be resorted to without departing from the spirit of the invention.

Having thus fully described my invention, what I claim is—

A door-check comprising a casing adapted to be fitted in a recess in the door, said casing having its front wall provided at its upper end with an inturned bearing portion having an opening and its rear wall extended upward above said bearing portion and terminating in an outturned engaging portion, a longitudinally-movable bolt arranged in the casing and provided with a stem slidably disposed in said bearing-opening, said bolt being designed for direct engagement at its lower end with the floor, an expansible spring coiled upon the stem and designed to bear at one end against the bolt and at its other end against said bearing portion, and a locking-bail pivotally connected with the upper end of the stem and adapted for engagement with said engaging portion to lock the bolt in inactive position.

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

ALPINE McKENZIE.

Witnesses:

M. H. PICKARD,  
F. D. CLOUD.