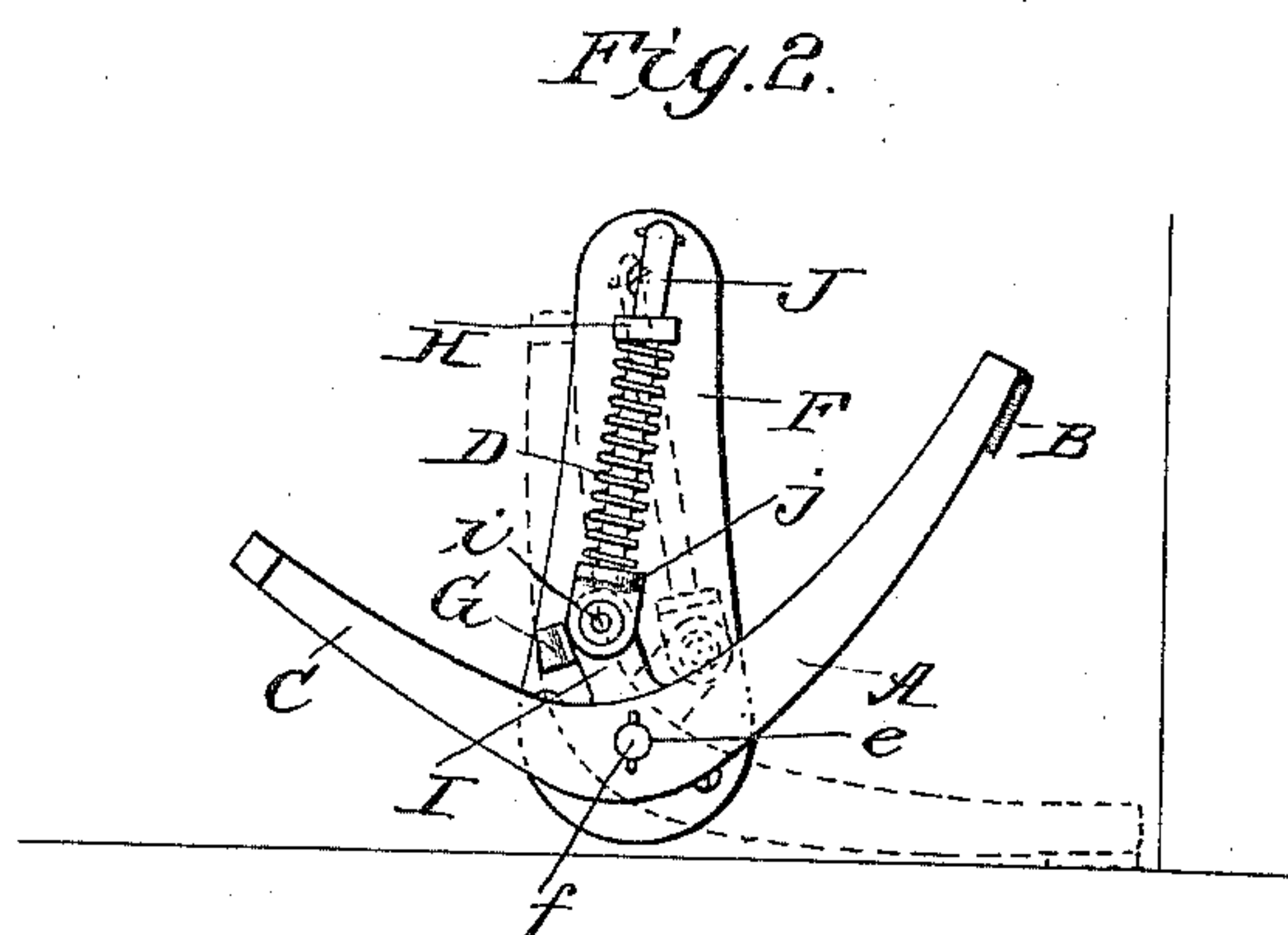
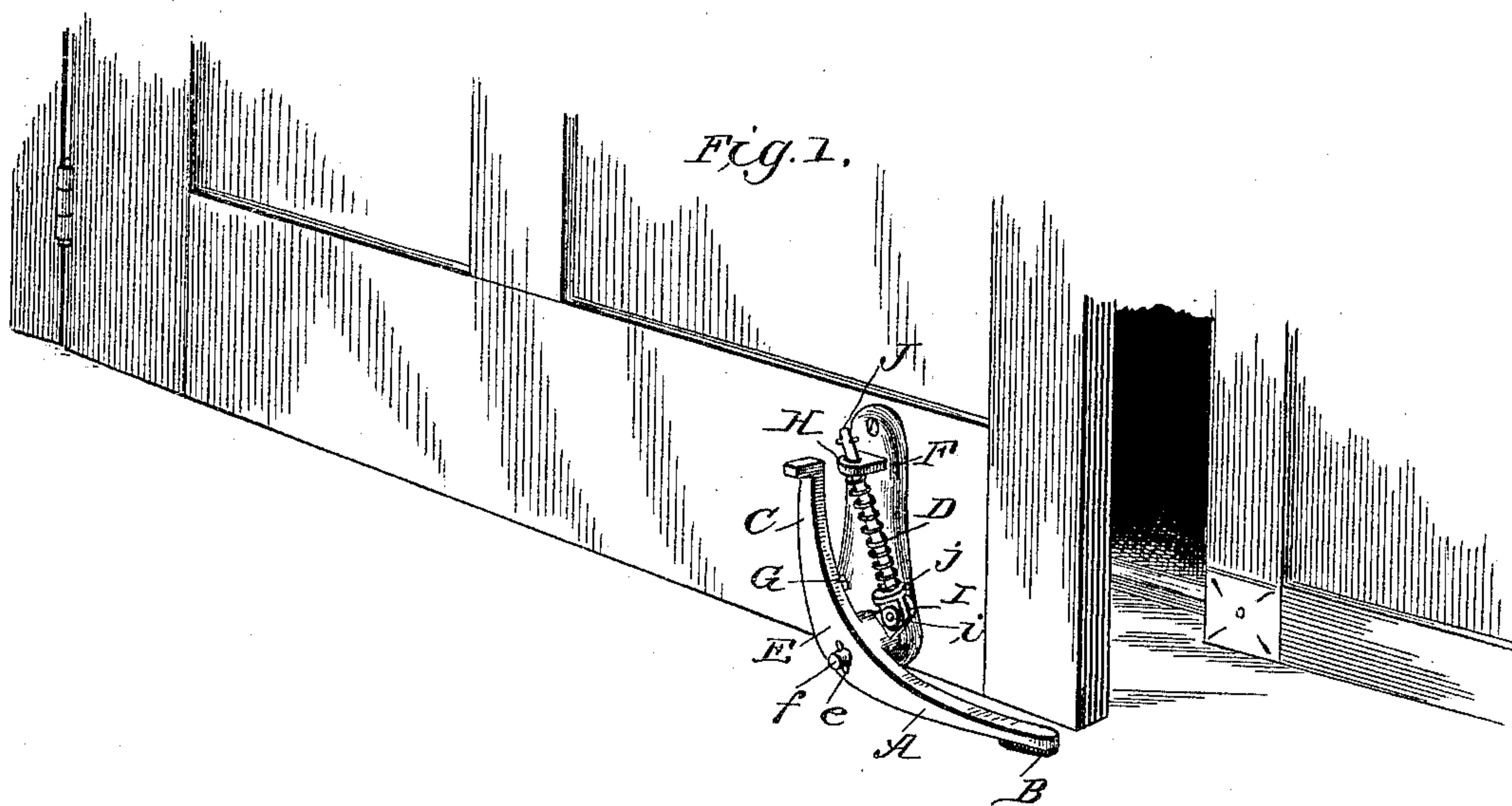


(No Model.)

J. H. MINIX.
DOOR CHECK.

No. 446,760.

Patented Feb. 17, 1891.



WITNESSES:

Fred G. Dietrich
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INVENTOR:

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BY

Wm. L.

ATTORNEYS

UNITED STATES PATENT OFFICE.

JOHN H. MINIX, OF EATON, OHIO.

DOOR-CHECK.

SPECIFICATION forming part of Letters Patent No. 446,760, dated February 17, 1891.

Application filed May 3, 1890. Serial No. 350,543. (No model.)

To all whom it may concern:

Be it known that I, JOHN H. MINIX, of Eaton, in the county of Preble and State of Ohio, have invented a new and useful Improvement in Door-Holders; of which the following is a specification.

This invention is an improved door-holder by which the door may be held closed or may be held partially open to any desired extent; and the invention consists in certain novel constructions and combinations of parts, as will be hereinafter described, and pointed out in the claim.

In the drawings, Figure 1 is a perspective view of my holder as in use, and Fig. 2 is a front view of the holder with motion indicated in dotted lines.

The device shown comprises an arm or portion A, having a bearing B to engage the floor; a handle C, by which the arm A may be moved to set its bearing B into and out of engagement with the floor, and a spring D, arranged to actuate the arm A to adjust its bearing into and out of engagement with the floor. The manner of arranging and connecting such parts is preferably that shown in the accompanying drawings, and which I will now describe. The parts A and C are shown as the arms of a bar E, which is pivoted at *e*, about centrally between its ends, and inclines upward toward its outer ends, such ends being the free extremities of parts A and C, as shown. The pivot of bar E is preferably effected by providing it centrally with an opening which receives a stud *f* on the frame-plate F. On this frame or base-plate F, I secure a stop-shoulder G and a guide H.

The bar A is provided with a lever-arm I, which receives through the aid of rod J the pressure of spring D. This spring D exerts a constant downward tension on the arm I, and operates to hold the said arm against stop-shoulder G when the bearing of arm A is set out of engagement with the ground, and also operates to hold such bearing in engagement with the floor, when so desired. The spring D encircles rod J and bears between shoulder or head *j* thereof and the guide H, through which the upper end of rod J passes, the lower end of the said rod J be-

ing pivotally connected at *i* with lever-arm I, as shown.

It will be noticed that as the bar E turns back to adjust bearing B out of engagement with the floor the arm C will move freely over the stop-shoulder G, while the lever-arm I is arranged to engage such shoulder, as shown.

In operation, the base or frame plate being secured to the inner side of the door near its lower swinging edge, as shown, the door may be held closed by throwing arm A down to cause bearing B to strike the floor. This may be accomplished by lifting the outer end of handle C, which may be conveniently done with the foot, while the arm A may be raised by pressing the arm C down with the foot, the spring operating to hold the arm A in either position according as the lever-arm I is thrown past the center.

The bearing B may be a ball of rubber or other suitable pad, as may be desired.

The device will be found convenient in securing the door slightly ajar, as is frequently desired.

Having thus described my invention, what I claim as new is—

The improved door-stop, substantially as herein described and shown, consisting of the frame-plate F, having near one end the guide H, and provided near its opposite or lower end with the outwardly-projected stud *f*, the bar E, having centrally an opening *e*, fitting on the stud *f*, whereby the bar is pivoted on the said stud and is held thereby from upward or downward displacement at its pivotal point, the said bar being provided at one end with a cushion B and at its other end with a projection for engagement by the foot, a lever-arm I, projected upward from said bar E, the rod J, extended at its upper end through guide H and having its lower end pivotally connected at *i* with the upper end of lever I and provided with a shoulder *j*, and the spring D, fitted on rod J and bearing between the guide H and the shoulder *j*, all substantially as and for the purposes set forth.

JOHN H. MINIX.

Witnesses:

FREDERICK MICHAEL,
DANIEL M. SWIHART.