

(No Model.)

J. A. COULTAUS.

DOOR CHECK.

No. 288,028.

Patented Nov. 6, 1883.

Fig. 1.

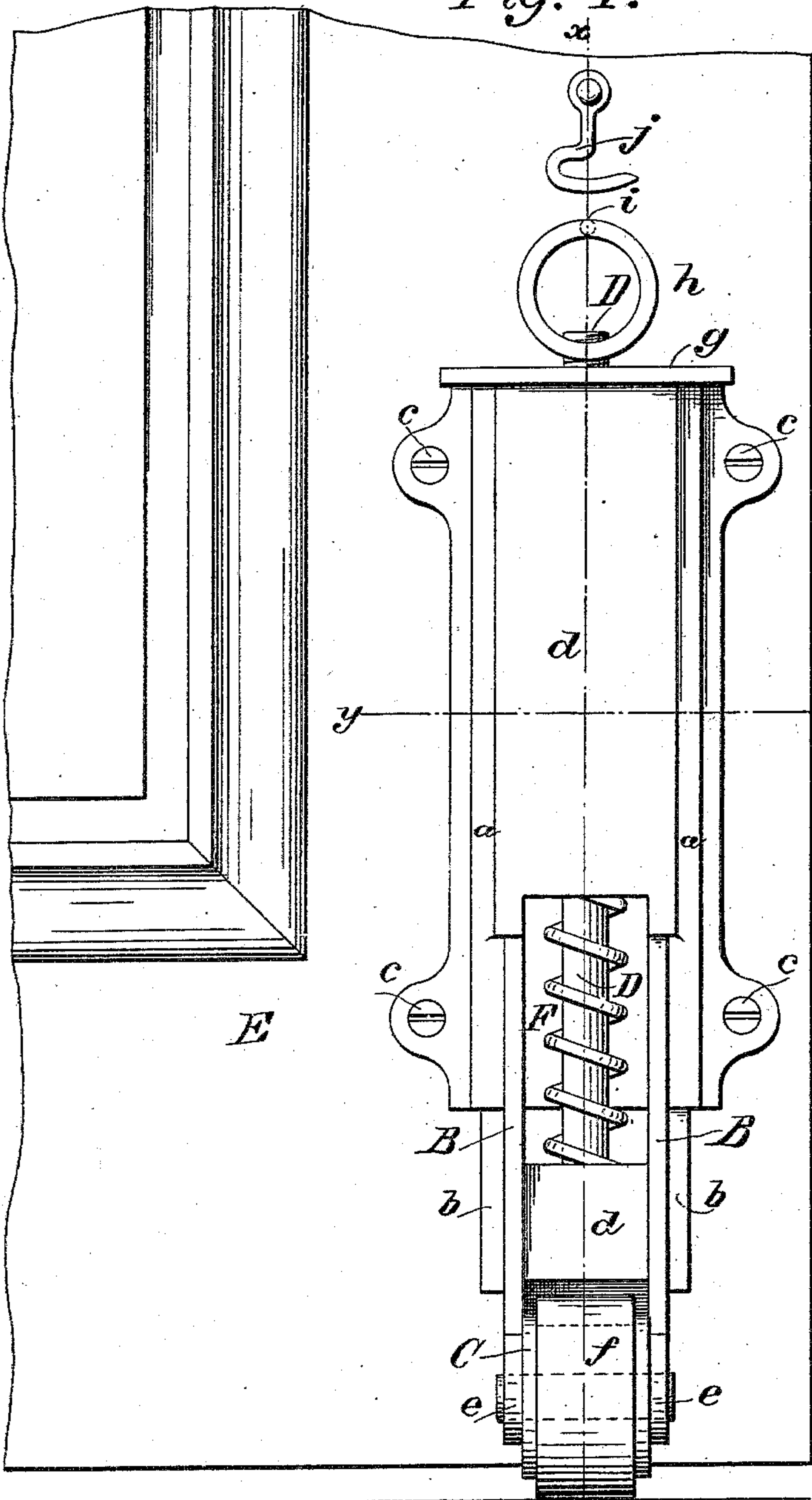


Fig 2.

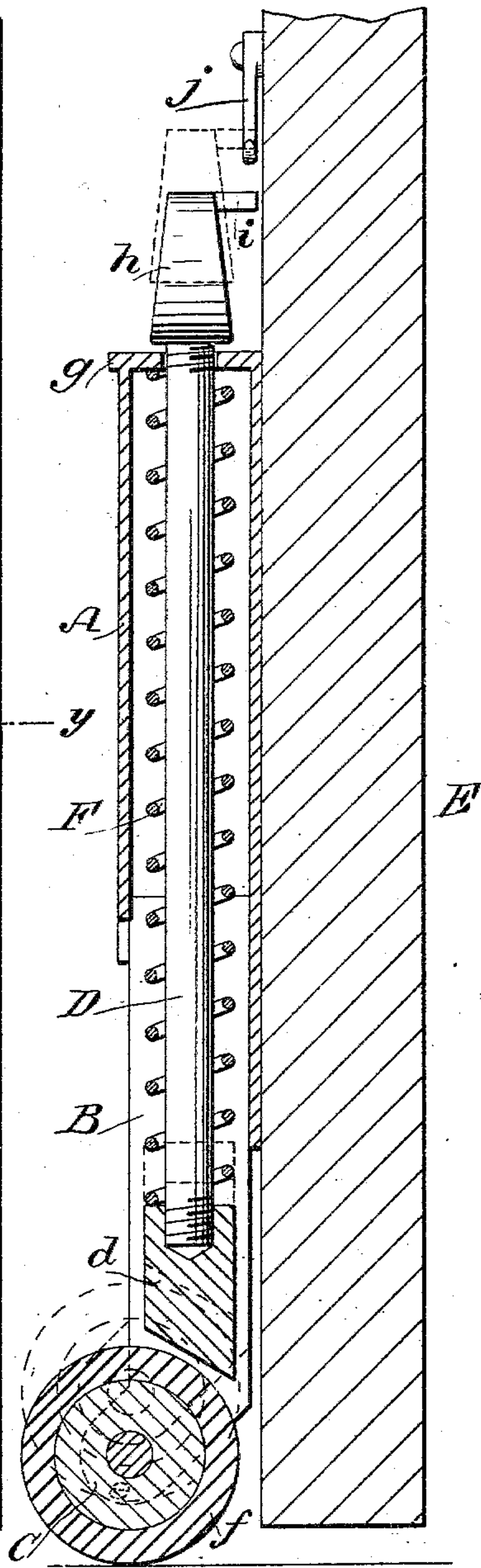
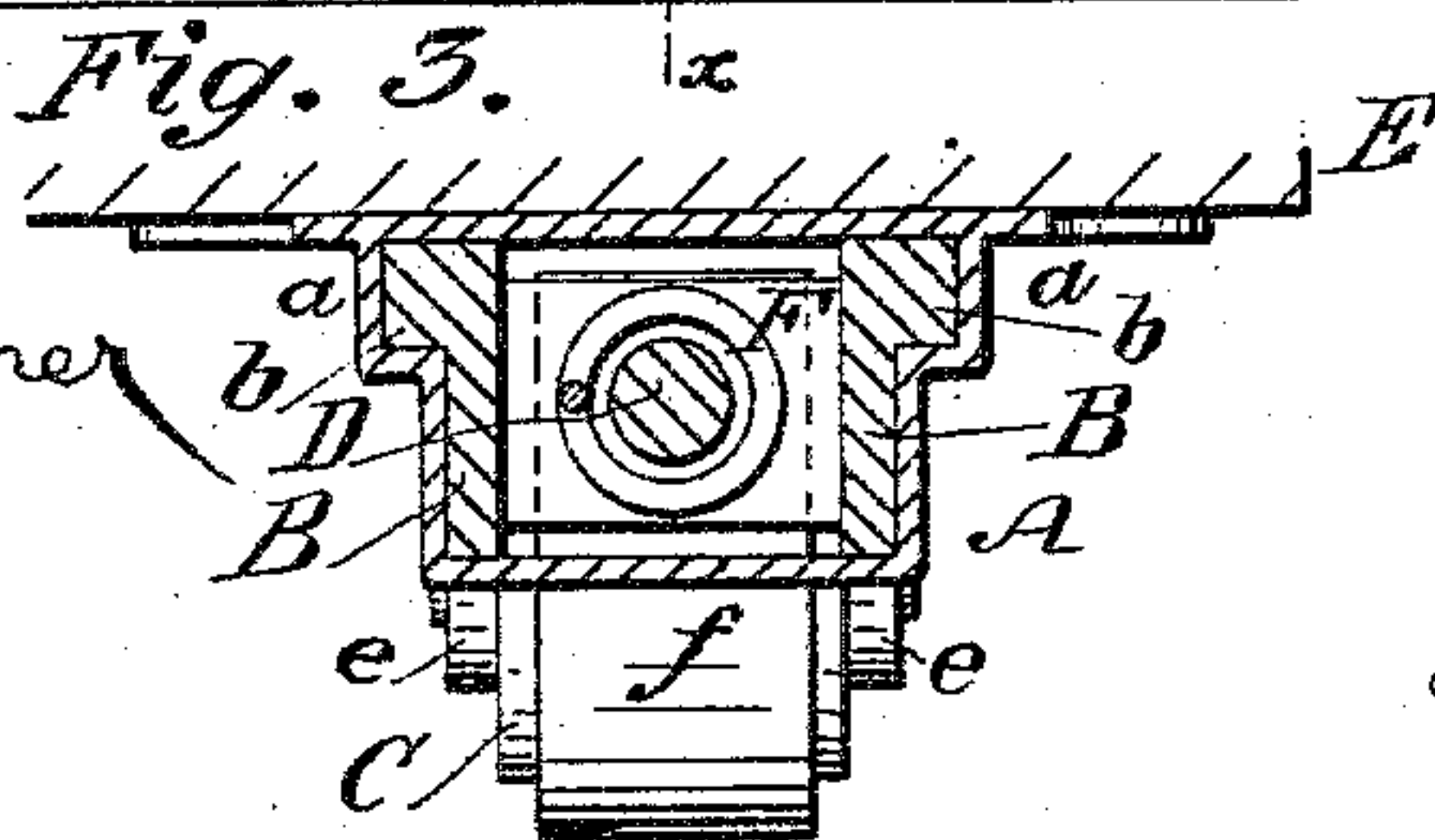


Fig. 3.

WITNESSES:

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# UNITED STATES PATENT OFFICE.

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## DOOR-CHECK.

SPECIFICATION forming part of Letters Patent No. 288,028, dated November 6, 1883.

Application filed April 12, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, JOSEPH A. COULTAUS, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Door-Holder, of which the following is a full, clear, and exact description.

This invention relates to an improvement in door-checks; and it consists in the combination and arrangement of parts substantially as hereinafter fully set forth and claimed.

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 front elevation of my new and improved door-holder and brake as it appears when attached to the door in place for use. Fig. 2 is a sectional elevation of the same, taken on the line *x x* of Fig. 1; and Fig. 3 is a sectional plan view taken on the line *y y* of Fig. 1.

A represents the casing of the door-holder, which casing is secured to the door B by the screws *c c*. The casing A is formed with the side ways, *a a*, in which the ribs *b b* of the check-pieces B B fit. The check-pieces B B are joined together near their lower ends by the block *d*, and between their lower outwardly-projecting ends, *e e*, is journaled the friction-wheel C, which is covered with the jacket *f* of soft rubber, which protects the floor from being scratched and marred by the roller when the door is opened and closed.

Screwed into the upper side of the block *d* is the spindle D, upon which is placed the coiled spring F. The spindle D is of sufficient length, relative to the length of the casing A, to reach up through the casing and to protrude slightly from the top plate, *g*, of the casing A. Its upper end is screw-threaded, and has the ring *h* screwed upon it, which serves as a stop, and also as means for lifting and holding the friction-wheel up out of contact with the floor against the tension of the spring F, which acts between the top plate, *g*, of the casing and the block *d*, as will be understood from Fig. 2. The ring *h* also serves as a means for adjusting the pressure of the friction-roller upon the floor, which adjustment may be effected by turning the ring one way or the other, as circumstances require, and the ring is formed or

provided with the projection *i*, that is adapted to be engaged by the hook *j*, attached to the door E, for holding the spindle D and roller C *f* elevated when it is desired to throw the device out of action.

In use the device will be secured to the inside of the door in such position that the jacket *f* of the roller C *f* will be held pressed down with considerable force upon the floor by the action of the spring F, in which position the pressure of the roller C *f* upon the floor will serve to hold the door open at any desired position—that is, it will serve to hold the door against any drafts of air through the building or casual closing of the door; but when it is desired to close the door the device needs no attention, it being only necessary to press against the door with sufficient force to overcome the friction of the roller C *f* upon the floor. Nor does the device need any attention in opening the door. In this manner it will be seen that the device acts as a constant holder for the door. It will also be seen that in consequence of the rubber jacket *f*, and the easy turning of the roller C *f*, the floor will not be marked or in any manner injured by the device.

In winter, or when it is not desired to have the door held open, the roller C *f* will be raised off from the floor and held either by the hook *j* or by other suitable means, which may be quickly and easily operated for releasing the spindle for putting the device into action again.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The casing A, adapted to be secured to the door, and formed with the ways *a a*, in combination with the check-pieces B B, formed with the ribs *b b*, adapted to fit in the ways *a a*, and having the roller C *f* journaled between their lower ends, in combination with the spindle D, coiled spring F, placed upon the spindle and acting between the top plate, *g*, and the block *d*, the ring *h*, having projection *i*, and hook *j*, substantially as and for the purposes set forth.

JOSEPH A. COULTAUS.

Witnesses:

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