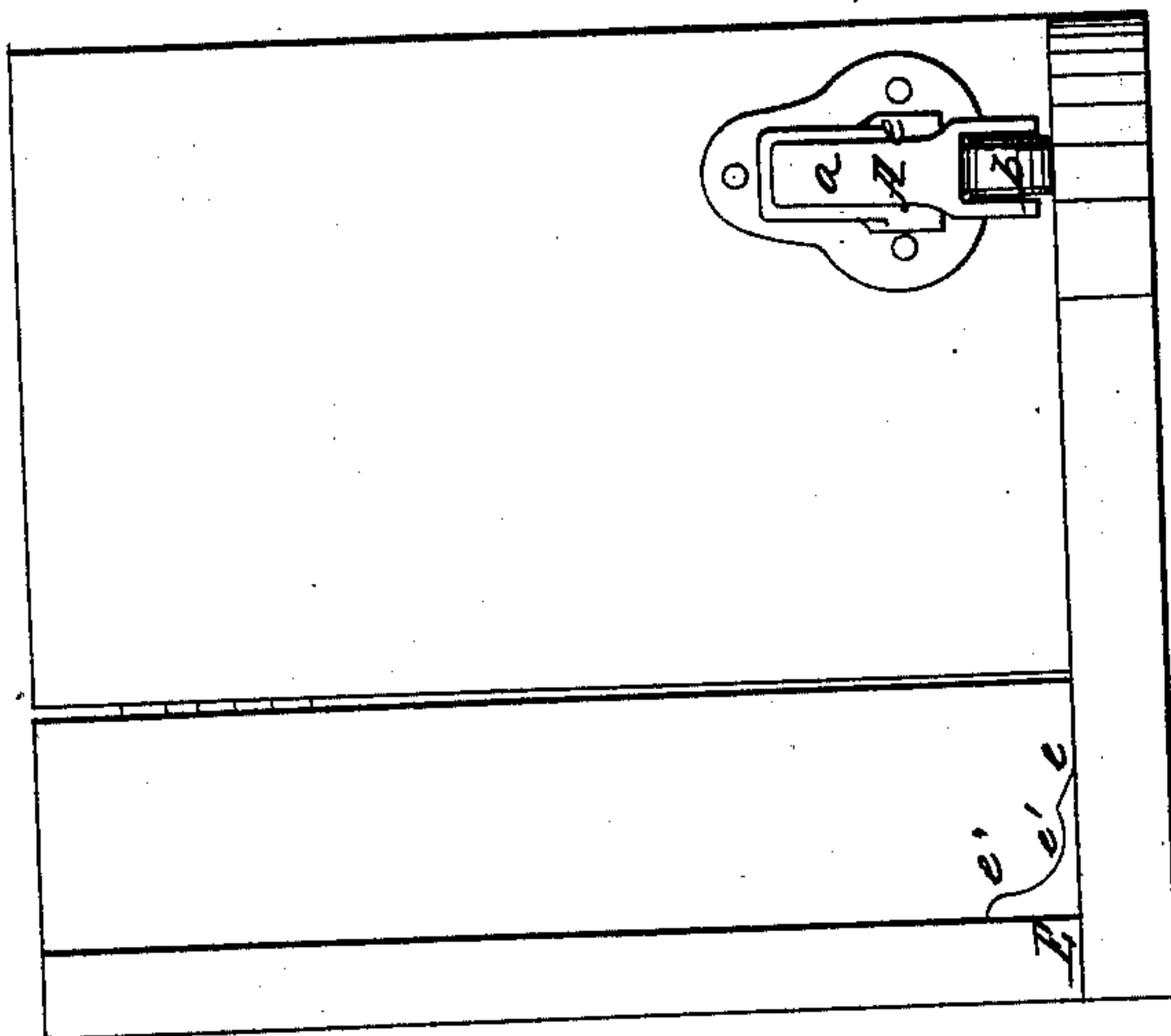


*J. K. Clark,*  
*Door Check.*

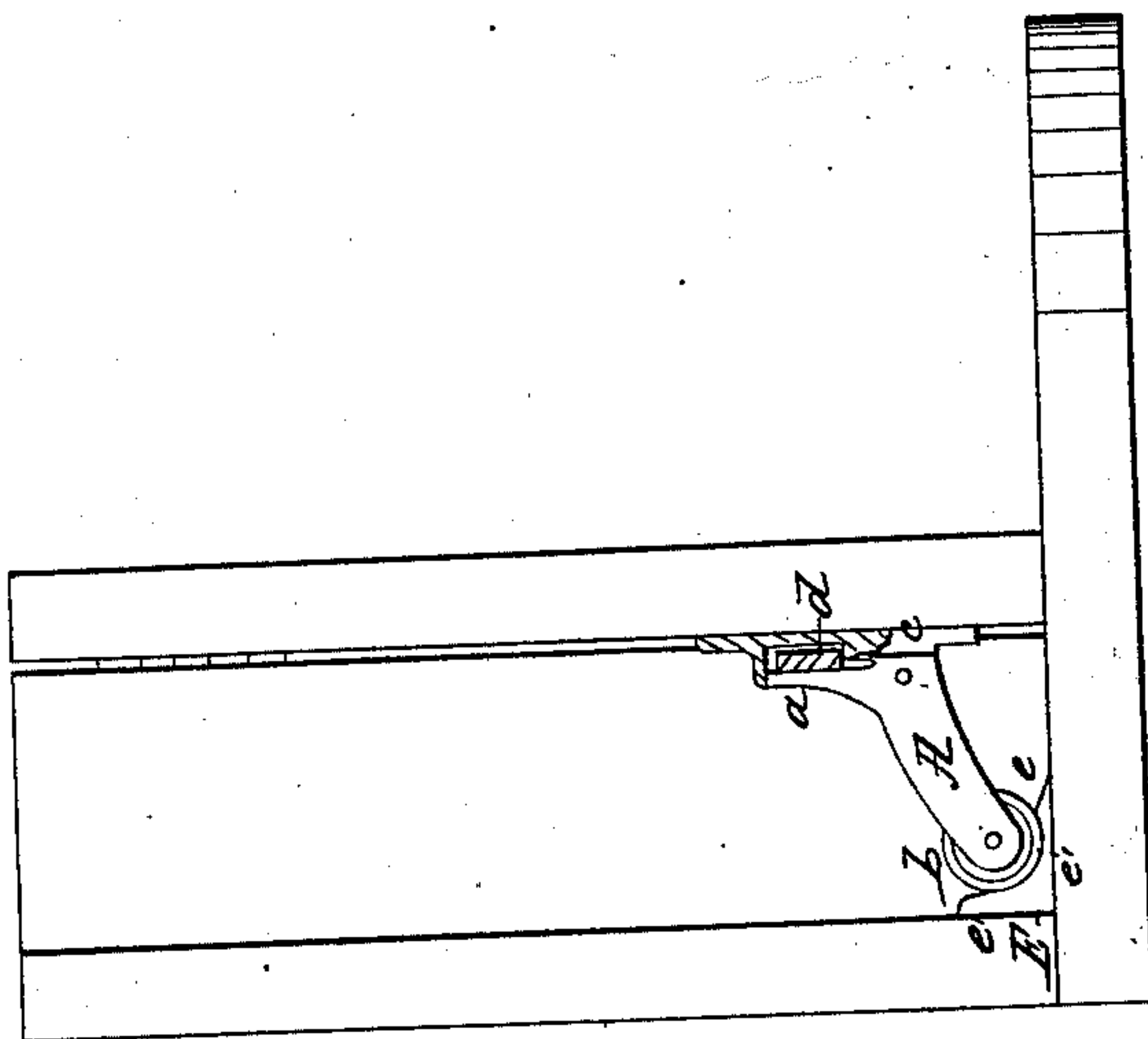
*N<sup>o</sup> 80,390.*

*Patented July 28, 1868.*

*Fig. 2.*



*Fig. 1.*



*Witnesses:*  
*G. Brunkhardt*  
*Victor Becker*

*Inventor:*  
*John K. Clark*  
*By Forbush & Mayatt.*

# United States Patent Office.

JOHN K. CLARK, OF MOUNT PLEASANT, IOWA, ASSIGNOR TO HIMSELF, CHARLES B. CLARK,  
AND HENRY R. CLARK, OF BUFFALO, NEW YORK.

*Letters Patent No. 80,390, dated July 28, 1868.*

## IMPROVEMENT IN DOOR-HOLDER.

*The Schedule referred to in these Letters Patent and making part of the same.*

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, JOHN K. CLARK, of Mount Pleasant, in the county of Henry, and State of Iowa, have invented a certain new and improved Door-Stop and Holder; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, in which—

Figure I is a view of my improvement represented as applied to and holding a door open.

Figure II is an elevation of the same, with the door in a closed position.

Like letters of reference designate corresponding parts in both figures.

The object of my improvement is the construction of an automatic device, to be attached to a door, by which the latter will be retained in the open or partially-open position in which it may be placed.

The invention consists of a spring-arm pivoted to the door, near the bottom thereof, and carrying a roller at its free end, which is caused to run upon the floor, with a spring-pressure, and engage with a stop-attachment secured to the floor, so as to hold the door in an open position.

In the drawings, A is the yielding arm, b the roller, at its outer or free end, which is preferably made of India rubber, or its periphery coated or encased in that or equivalent elastic material that will increase its adherence to the floor, and deaden or produce a noiseless operation of the roller. The arm I prefer to pivot to a plate, c, provided with suitable ears for the purpose, by which the device is readily attached to near the bottom of the door by screws, as represented. It may, however, be pivoted in any other proper manner that will allow the free end the required vertical yielding.

To insure the necessary contact and pressure of the roller upon the floor, I prefer to employ a rubber spring, d, between projection a of the arm and the plate c, or the door, which fully accomplishes the desired result.

A spiral spring, arranged in the same way, or a different arrangement and kind of spring, may be employed, which will effect the same purpose, for instance, a flat spring, with its end pressing on the arm outside of the pivot.

The pivoting of the arm permits the operating-end to rise in passing over inequalities in the floor or carpet, while the spring causes the roller to maintain a constant pressure on the floor, sufficient to retain the door in whatever position it may be placed, the elastic surface of the roller preventing sliding and any unpleasant noise from the operation of the device.

To form a stop, as well as to fasten the door when it is entirely thrown open, I provide an attachment, E, that may be readily secured to the floor, constructed with an incline, e, to guide the roller into a slight depression, e', which locks the door open, while the elevated portion, e'', serves as a stop, to prevent the door from coming in contact with the wall.

The advantages of my invention are too obvious to require further mention.

What I claim as my invention is—

The pivoted arm A, provided with roller b, in combination with the India-rubber spring d and stop-attachment E, the whole constructed, arranged, and operating as shown and described.

JOHN K. CLARK.

Witnesses:

E. A. VANCE,

H. H. TOWNSEND.