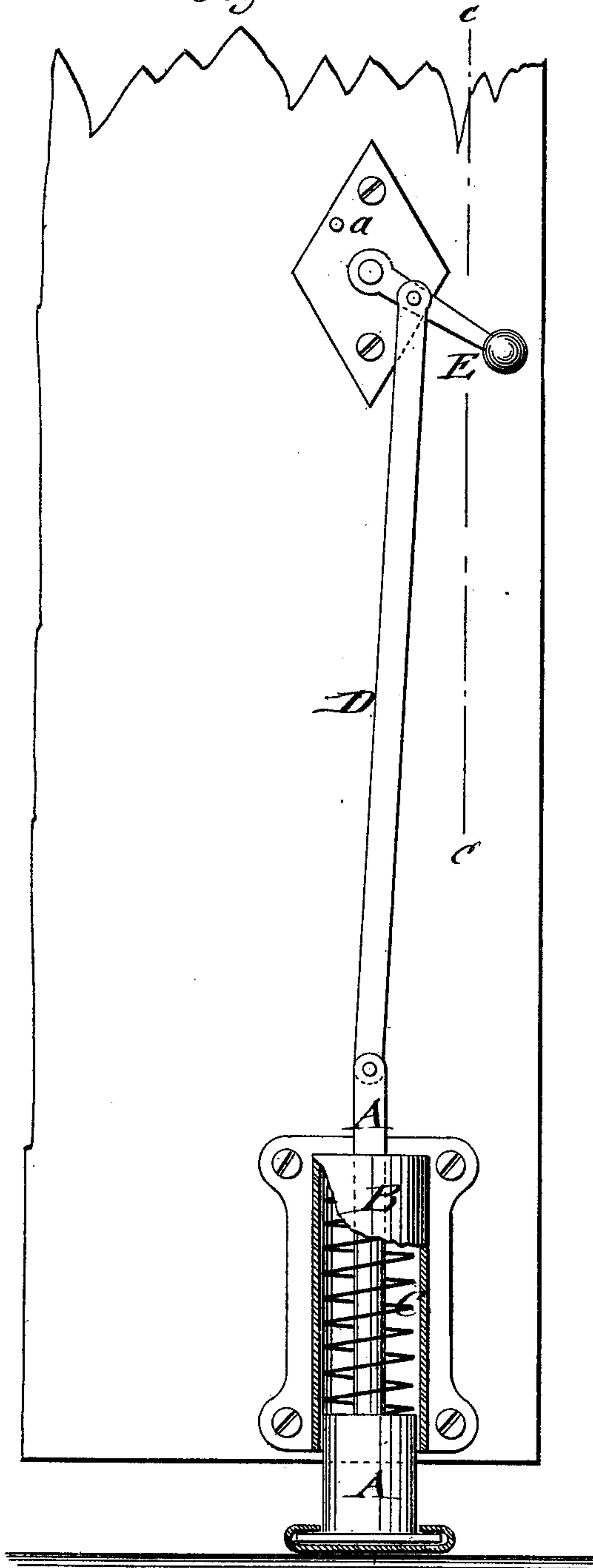


J. COLLINS.  
DOOR-CHECK.

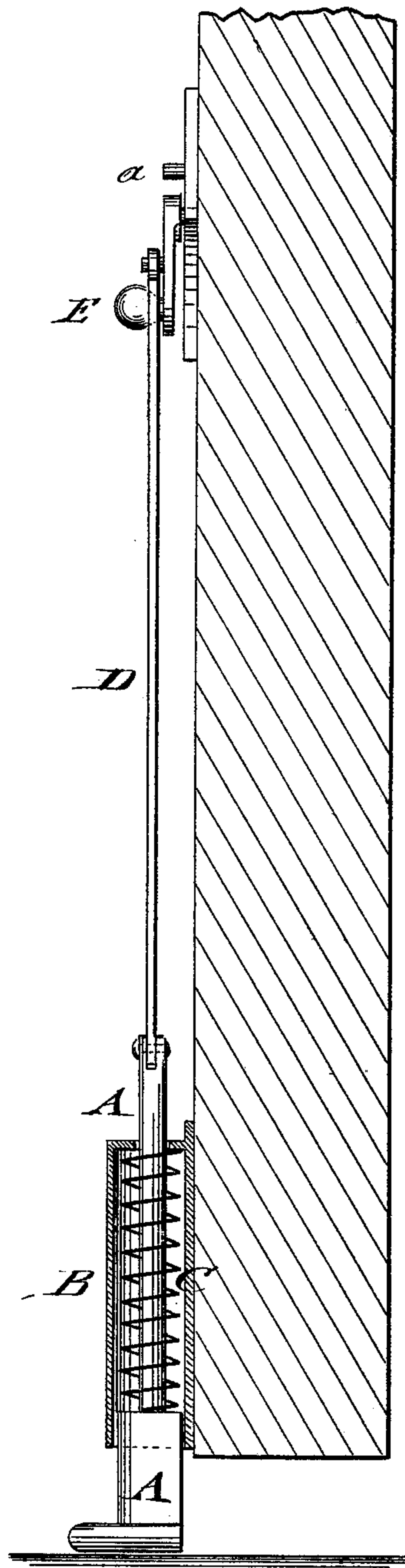
No. 176,598.

Patented April 25, 1876.

*Fig: 1.*



*Fig: 2.*



WITNESSES:

*Chas. Nida.*  
*John Goethals*

INVENTOR:

*J. Collins*  
BY *Munn & Co.*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

JAMES COLLINS, OF CENTRAL CITY, COLORADO TERRITORY.

## IMPROVEMENT IN DOOR-CHECKS.

Specification forming part of Letters Patent No. **176,598**, dated April 25, 1876; application filed February 28, 1876.

*To all whom it may concern:*

Be it known that I, JAMES COLLINS, of Central City, in the county of Gilpin and Territory of Colorado, have invented a new and Improved Door-Stop, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a sectional front view, and Fig. 2 a vertical transverse section, of my improved door-stop taken on the line *c c*, Fig. 1.

Similar letters of reference indicate corresponding parts.

My invention relates to a device for holding the door without the use of wooden blocks, chains, &c., and without injury to the carpet or floor.

The invention consists of a spring-acted and rubber-headed bolt that slides in a casing or groove of the door, and is operated by connecting-lever rod and crank, as hereinafter more fully described and definitely claimed.

In the drawing, A represents a sliding bolt that is guided either in a casing, B, screwed to the lower part of the door, or in a socket-groove of the same, as desired. The lower part of the bolt is lined or cushioned with rubber, or other elastic material, to bear on the carpet or floor without scratching or otherwise injuring the same. The bolt A is acted upon by a spiral spring, C, that is placed between the top part of the casing and the enlarged bottom part of the bolt, being forced in a downward direction to bear with considerable pressure on the floor. The upper end of the

bolt projects to the outside of casing B, and is pivoted to a lever-rod, D, that is again pivoted at its upper end to a crank, E, at a short distance from the pivot-pin or turning-point of the same.

When the crank is carried below its pivot the pressure of the spring is sufficient to throw the bolt downward, so as to hold the door in firm position.

When the door is desired to be moved in either direction the crank is raised above the pivot, and carried by the force of the spring against a stop-pin, *a*, holding thereby the pressure-bolt in a stationary raised position without a chance of forming contact with the floor.

The spring may be readily replaced when weakened by use by lowering the bolt sufficiently to insert a new one. The whole stop is readily applied, and of great convenience and durability.

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

The combination, with pivoted spring-bolt A working in a guide, of the lever-rod D and the crank E, the former pivoted to the latter at a short distance from its turning-point, and between the pivot and the handle, substantially as and for the purpose specified.

JAMES COLLINS.

Witnesses:

J. S. D. MANVILLE,  
BEN E. SEYMOUR.