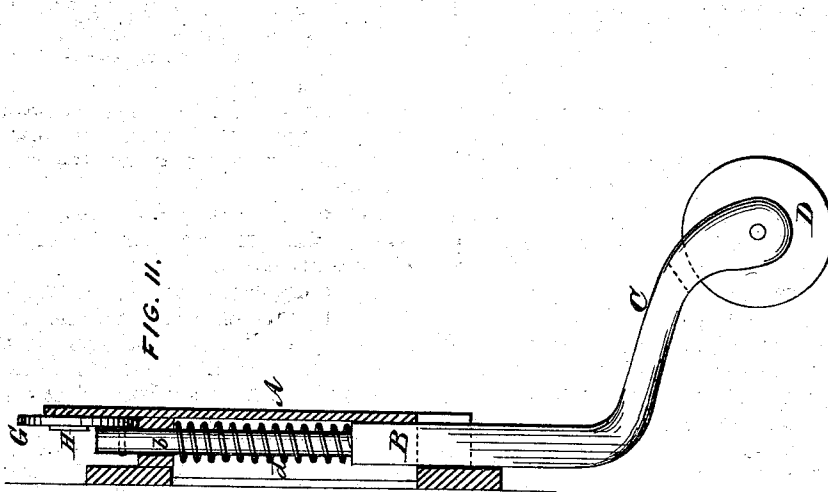
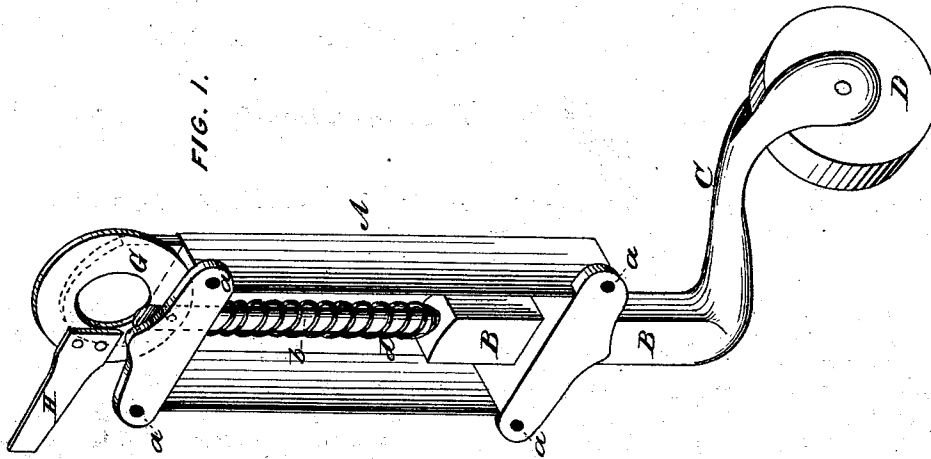


F. LINSEL.  
Door-Checks.

No. 154,262.

Patented Aug. 18, 1874.



WITNESSES:

*W. H. DuSarnel*  
*Thomas Byrne*

INVENTOR:

*Fred Linsel*  
Per *H. C. Abbott*  
*Attorney.*

# UNITED STATES PATENT OFFICE.

FRED LINSEL, OF FOREST CITY, MISSOURI.

## IMPROVEMENT IN DOOR-CHECKS.

Specification forming part of Letters Patent No. **154,262**, dated August 18, 1874; application filed July 20, 1874.

*To all whom it may concern:*

Be it known that I, FRED LINSEL, of Forest City, county of Holt and State of Missouri, have invented certain new and useful Improvements in Adjustable Door-Stops, of which the following is a specification:

The nature of my invention consists in the construction and combination of a casing having a shank terminating in a curved or spur-shaped arm at one end, and at the other provided with a stem and spiral spring, the upper end being attached to a cam provided with an arm or lever, as will hereinafter be more fully described.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a perspective view of my door-stop, showing the interior of the casing. Fig. 2 is a side view of the same, the casing being in longitudinal section.

A represents a casing, of any suitable form or dimensions, cast or otherwise, and provided with projections or ears *a a* for screws to pass through to fasten it to the door. Through the lower end of the casing A passes a square shank, B, to the lower end of which is either formed or attached a curved or spur-shaped arm, C. The outer or lower end of this spur is forked, and in the same is placed a roller or wheel, D, which may be of rubber, metal, or any other suitable material. The upper end of the shank B is formed with a round stem, *b*, which extends up through the top of the

casing, and is within the casing surrounded by a spiral spring, *d*, which exerts the necessary pressure to force the wheel D tight enough against the floor, thereby holding the door more or less open, as desired. The front of the casing is extended above the top, through which the stem *b* passes, and on the front side of the stem, between it and the extended casing-front, is pivoted a cam, G, provided on one side with an arm or handle, H. By means of this cam and arm the shank B, with its spur and wheel, may be raised up and held so that the wheel will be above the floor. The wheel is readily thrown down again by simply reversing the cam.

The outer end of the arm or handle H may be provided with a crank, so that the door-stop can be raised and lowered by the foot, if desired.

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

The combination, in a door-check, of a cam, G, and handle H, with the casing A, stem *b*, spring *d*, shank B, curved or spur-shaped arm C, and wheel D, all constructed and arranged substantially as described, for the purpose set forth.

In testimony that I claim the foregoing as my invention I hereunto affix my signature this 16th day of July, 1874.

FRED LINSEL.

Witnesses:

ORVEL GRAVES,  
W. S. CANON.