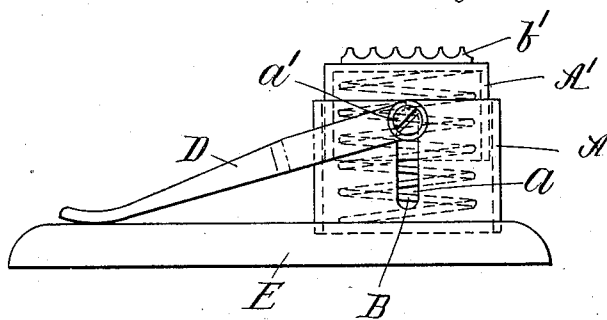
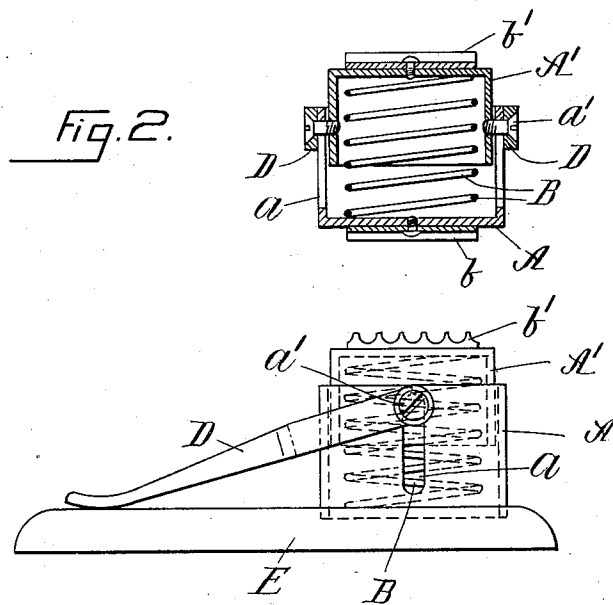
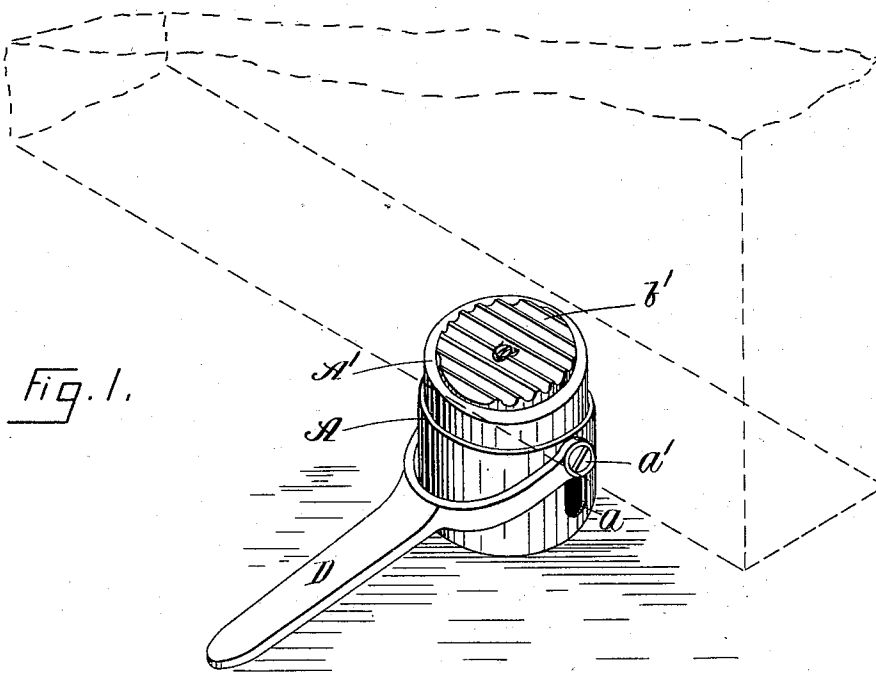


(No Model.)

C. B. HARKNESS.
DOOR CHECK.

No. 565,896.

Patented Aug. 18, 1896.



WITNESSES:
H. P. Guillo
John R. Snow

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UNITED STATES PATENT OFFICE.

CHARLES BRADLEY HARKNESS, OF READING, MASSACHUSETTS.

DOOR-CHECK.

SPECIFICATION forming part of Letters Patent No. 565,896, dated August 18, 1896.

Application filed April 13, 1896. Serial No. 587,249. (No model.)

To all whom it may concern:

Be it known that I, CHARLES BRADLEY HARKNESS, of Reading, in the county of Middlesex and State of Massachusetts, have invented an Improved Door-Check, of which the following is a specification, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of my improved check. Fig. 2 is a sectional elevation, and Fig. 3 shows a modified form.

My invention is a movable door-check designed to prevent a door from swinging upon its hinges and to hold it fixed in any desired position.

I am aware that devices which were fast to the floor or wall and served to hold the door at one particular place fast to the floor or wall have heretofore been used, and that a device in which a tooth upon the short end of a lever, fulcrumed upon a movable base was made to engage the bottom of a door and held in engagement against the force of a spring, is old, as shown in patent to H. N. H. Lugin, No. 110,985, dated January 17, 1871, everything contained in which patent I disclaim.

My movable door-check operates of necessity upon an entirely different principle, for it is simply interposed between the door and the floor at any desired point, when it operates by friction to hold the door in any desired position.

In the drawings, A A' are the two opposing abutments for the spring B, in the form of a telescopic box, the part A having slots *a* on opposite sides and the part A' carrying trunnions *a'*, which slide in the slots. Each of the

parts A A' is closed at one end by heads, and upon these heads may be mounted pads *b b'*, of rubber or other suitable material. Within this telescopic box, formed as above described, is confined spring B, whose ends abut upon the heads and tend to extend the telescopic box until motion is stopped by the trunnions *a'* and the top of slots *a*. The forked ends of a setting-lever D are carried upon the ends of trunnions *a'*, the other end of the lever resting upon the floor.

In the modification shown in Fig. 3 the device is mounted upon a base E, increasing its stability and affording an increased friction-surface opposed to the floor.

The mode of operation is as follows: The device is moved to the position at which it is desired to hold the door, the spring is compressed by pressing upon the setting-lever with the foot, and, the door being swung over the check, the spring is released, allowing the top of part A' to come in contact with the bottom of the door. The friction produced by the pressure of the spring against the floor and the door serves to hold the door fixed until released.

What I claim is—

The movable door-check consisting of the telescoping abutments A A'; spring B; lever D and means to connect the abutments A and A' and the abutment A' and lever D, combined and operating substantially as and for the purpose set forth.

CHARLES BRADLEY HARKNESS.

Witnesses:

JOHN R. SNOW,
H. P. GUILLO.