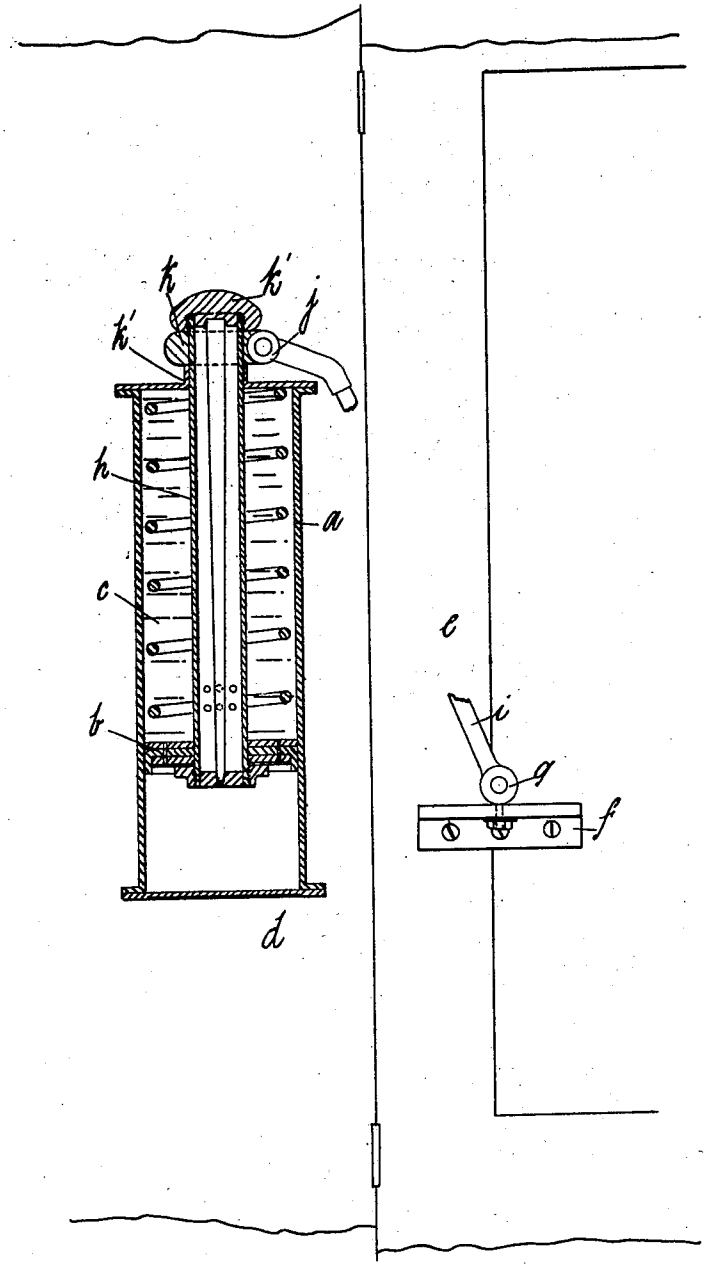
No. 753,997. PATENTED MAR. 8, 1904.

J. C. MOORE.

DOOR CHECK.

APPLICATION FILED JAN. 2, 1903.

NO MODEL.



Witnesses
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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

No. 753,997. Patented March 8, 1904.

UNITED STATES PATENT OFFICE.

JOHN CRAWFORD MOORE, OF LOWER EDMONTON, ENGLAND.

DOOR-CHECK.

SPECIFICATION forming part of Letters Patent No. 753,997, dated March 8, 1904.

Application filed January 2, 1903. Serial No. 137,628. (No model.)

To all whom it may concern:

Be it known that I, JOHN CRAWFORD MOORE, a subject of the King of the United Kingdom of Great Britain and Ireland, residing at Nightingale Hall, Lower Edmonton, in the county of Middlesex, England, have invented new and useful Improvements in Door-Checks, of which the following is a specification.

This invention relates to improvements in door-checks, and more particularly to that class of checks wherein the violent shutting of the door is prevented by a spring and fluid controlled piston working in a cylindrical casing, and still more particularly it relates to the means by which the piston-rod is moved on opening or closing the door.

In carrying my invention into effect I proceed in or in about the following manner, making reference to the accompanying drawing, which shows a part sectional front view.

a is a cylindrical casing having a spring-controlled piston *b* so arranged that glycerin or other fluid *c* can pass through it, so as to be above or below the piston *b*, according as the piston is up or down in the cylinder, and the door consequently open or closed,

The casing *a* I attach to the door *d*, and to the door-frame *e* I attach a bracket *f*, so as to be below the top of the casing *a*.

Free to turn in a hole in the bracket *f* is an eyebolt *g*, which is connected with the free end of the piston-rod *h* by a rod *i*, one end of which is pivotally attached to the eye of the bolt *g* and the other end pivotally attached at *j* to a clip or band *k*, embracing the free end of the piston-rod *h* and kept from moving otherwise than round the piston-rod *h* by top and bottom collars or nuts *k'*, attached to said piston-rod.

In use when the door is opened the combined action of the piston-rod *h* of the bolt *g*, the rod *i*, and hinged clip or band *k* causes the necessary movement of the piston *b* in yielding opposition to the fluid and spring, and so modifies the violence of closure.

Obviously, if preferred, the bracket *f* may be on the door and the casing *a* on the frame.

What I claim, and desire to secure by Letters Patent, is—

In a door-check the combination with a door and its frame of a checking-cylinder vertically disposed on the door, a spring-actuated piston movable within the cylinder, and means for operating said piston comprising a bracket attached to the door-frame below the level of the piston, an eyebolt pivotally mounted in said bracket, a rod pivotally connected at one end to said bolt, a band embracing the projecting free end of the piston-rod and pivotally connected to the upper end of said rod, and means for retaining said band on the piston-rod, substantially as shown and described.

JOHN CRAWFORD MOORE.

Witnesses:

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