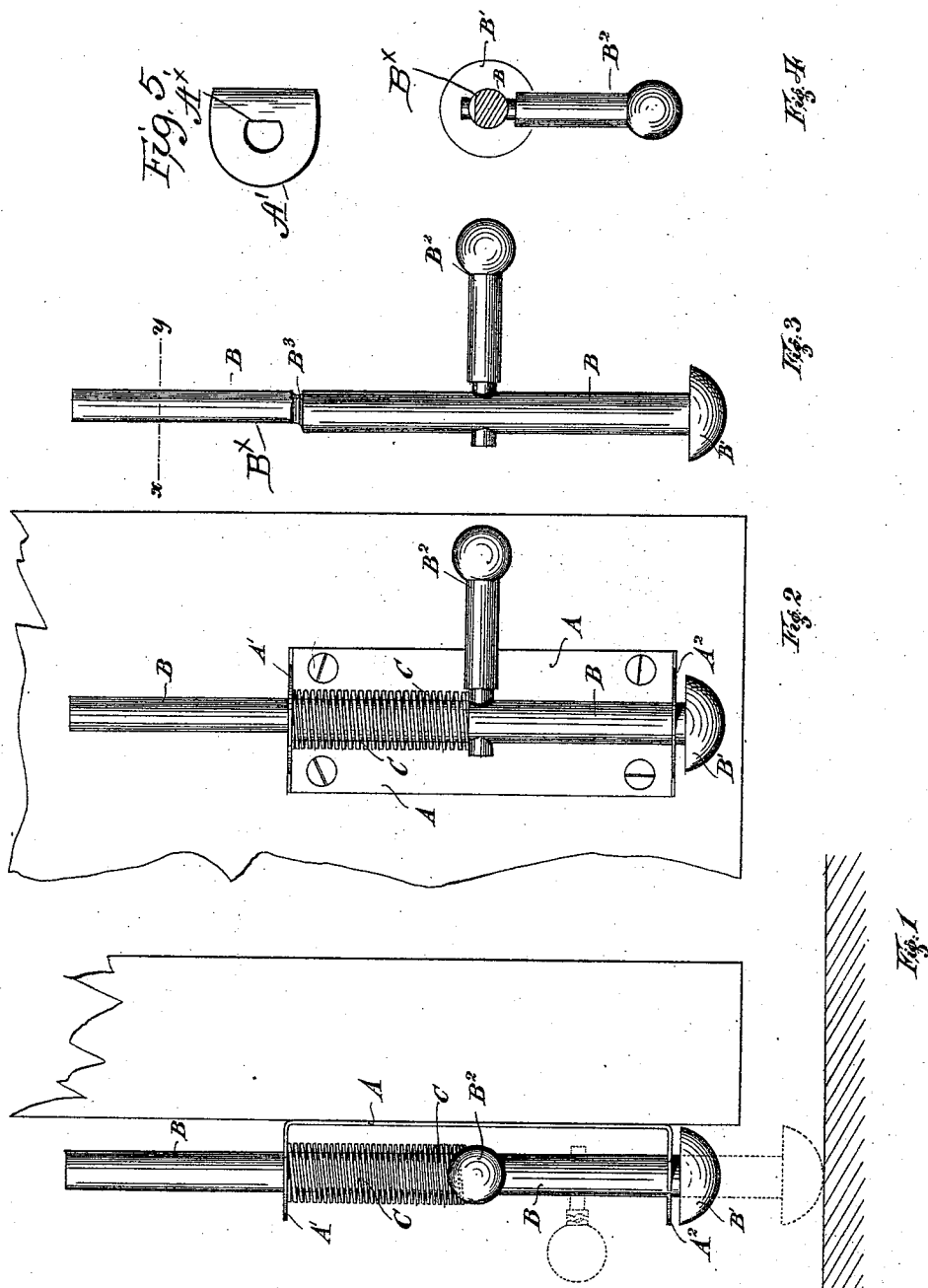


(No Model.)

E. DREDGE.
DOOR CHECK.

No. 527,053.

Patented Oct. 9, 1894.



Witnesses:

E. H. Bolton
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By

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UNITED STATES PATENT OFFICE.

EDGAR DREDGE, OF LONDON, ENGLAND.

DOOR-CHECK.

SPECIFICATION forming part of Letters Patent No. 527,053, dated October 9, 1894.

Application filed March 12, 1894. Serial No. 503,276. (No model.) Patented in England August 30, 1893, No. 16,344.

To all whom it may concern:

Be it known that I, EDGAR DREDGE, a subject of the Queen of Great Britain and Ireland, residing at London, England, have invented a certain new and useful Door-Check, of which the following is a specification, and for which a patent has been granted to me in Great Britain, No. 16,344, dated August 30, 1893.

My invention consists of the particular features of construction and arrangement set forth in detail hereinafter and particularly pointed out in the claim appended hereto.

My invention will be readily understood by reference to the accompanying sheet of drawings, wherein—

Figure 1 is a side view of my apparatus fitted on to a door. Fig. 2 is a front view of same. Fig. 3 is an elevation of the sliding rod B detached, and Fig. 4 is a sectional plan of the said sliding rod on the line $x-y$ of Fig. 3. Fig. 5 is a detail view of the upper lug bearing for the sliding bolt.

On the lower part of the inside of the door is screwed or otherwise fastened a back plate A having at top and bottom thereof two lugs A^1 A^2 , through holes in which lugs slides a vertical rod or bolt B. This bolt B has at bottom an enlarged rounded end or button B^1 having a convex face or bearing surface on its under side, and higher up a knob or ring B^2 serving as a handle. Between this handle B^2 and the upper lug A^2 , a spiral spring C surrounds the vertical bolt. In Figs. 1 and 2, the spring is shown compressed, and the door stop raised into its inoperative position. The position the bolt takes when the door stop is in use is shown in dotted lines in Fig. 1.

To keep the parts in the position shown in full lines in Figs. 1 and 2, so that the door is free to be moved, the handle is taken hold of, and the sliding bolt pulled up until the grooved part thereof marked B^3 , clearly shown in Fig. 3, is level with the upper lug A^2 . The handle is then turned, so that the overhanging part of the bolt B comes over the straight side A^x of the hole in the lug A^1 ,

whereby the bolt is held, and cannot go down again until the handle is turned.

When it is desired to adjust the door in any particular position, the door is moved to that position, and the handle B^2 is turned out at right angles to the door. The flat side D^x or sides of the upper part of the bolt B being thus brought opposite the straight edge or edges of the hole in the upper lug A^1 the bolt is now free to pass through and is immediately forced down by the spring so as to press its knob or button B^1 on the floor, and thereby restrain the door from moving.

By my invention, I provide a simple, cheap, and effective door-stop, which will not do any injury to carpets if employed on a door of a carpeted room, and which may be quickly put in and out of action, and when out of action, the door may be opened and shut without any inconvenience from the presence of the stop apparatus; and if the door is moved by force, the convex face of the knob at the lower end of the bolt will slide over the carpet without breaking the apparatus and without tearing the carpet. The straight edge may be formed in either the upper or the lower perforation.

I claim as my invention—

In combination with a door, a plate A secured thereto having turned over ends provided with perforations one of which has a straight side, a bolt guided in said perforations and having a flat side and a rounded or button foot, a handle projecting from said bolt, a spring encircling the bolt between the handle and upper end of the plate, said bolt having a groove adapted to permit the upper portion of the bolt to overhang the straight edge of the perforation when the bolt is raised and the handle turned, substantially as described.

In witness whereof I have hereunto set my hand in presence of two witnesses.

EDGAR DREDGE.

Witnesses:

GEO. BLACK,
HENRY E. DOD.