No. 772,514. PATENTED OCT. 18, 1904.

R. W. HUBBARD.

DOOR CHECK.

APPLICATION FILED FEB. 24, 1904.

NO MODEL.

Fig. 1.

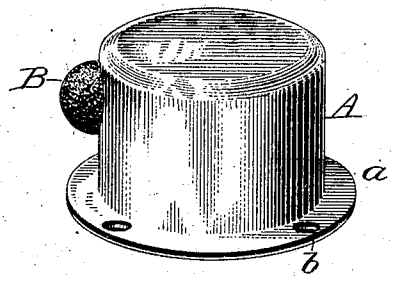
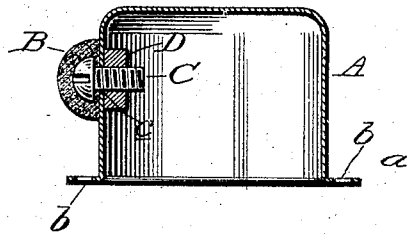


Fig. 2.



Attest;
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No. 772,514. Patented October 18, 1904.

UNITED STATES PATENT OFFICE.

RICHARD W. HUBBARD, OF ASHTABULA, OHIO.

DOOR-CHECK.

SPECIFICATION forming part of Letters Patent No. 772,514, dated October 18, 1904.

Application filed February 24, 1904. Serial No. 195,098. (No model.)

To all whom it may concern:

Be it known that I, RICHARD W. HUBBARD, a citizen of the United States, residing at Ashtabula, in the county of Ashtabula and State of Ohio, have invented new and useful Improvements in Door-Checks, of which the following is a specification.

My invention pertains to door-checks of the buffer type; and it has for its object to provide a door-check which is at once inexpensive, sturdy, and neat in appearance and is designed more particularly to be attached to a floor with a view of stopping a door before the same reaches the adjacent wall of an apartment.

The invention will be fully understood from the following description and claims when taken in connection with the accompanying drawings, forming part of this specification, in which—

Figure 1 is a perspective view of the check constituting the preferred embodiment of my invention, the same being shown in its proper operative position. Fig. 2 is a diametrical section of the check, taken through the tip and the tip-connecting means thereof.

Similar letters designate corresponding parts in both views of the drawings, referring to which—

A is the body of my novel check. B is the tip thereof, and C and D are the bolt and nut which are preferably employed to connect the tip to and hold it on the body.

As best shown in Fig. 2, the body A is drawn or otherwise formed of sheet metal, is closed at its outer end and open at its inner end, and is provided on the latter with an outwardly-extending flange *a*, having apertures *b* for the passage of attaching-screws. (Not shown.) The tip B is preferably formed of rubber, is arranged against the outer side of the body A, and is connected to the said body by a connection which extends through the thickness of the body, as best shown in Fig. 2. In the present instance the said connection is the before-mentioned threaded bolt C, on the outer end of which the tip is vulcanized or otherwise secured and which extends through an aperture *c* in the body, and the nut D, which is turned up on the bolt within the body so as to draw and hold the tip snug against the outer side of the body.

When my novel check is attached to a floor through the medium of screws or the like passed through the apertures *b*, it will serve to stop a door before the same reaches an adjacent wall or at any desired point, and this without unnecessary noise. It will also be observed that in virtue of the shape of the hollow sheet-metal body the same is capable of resisting considerable lateral strain and is therefore not liable to be dented or otherwise injured by the blows of the door. Again, it will be observed that the check is not liable to catch or tear the clothing of ladies passing the same.

It will be appreciated from the foregoing that the body A may be formed and provided with the apertures *b* and *c* at a minimum cost and that the connection of the tip to the thickness of the body may be quickly and cheaply effected. While I prefer to dispose the tip on and the tip connection in the side of the body A, as illustrated, I do not desire to be understood as confining myself to such location of the tip with reference to the body, since, if desired, the tip might be arranged on and the tip connection in the closed end of the body without involving a departure from the scope of my invention. The tip described is susceptible of being beautifully finished to match the hardware in a house and is calculated to enhance rather than detract from the appearance of a handsome apartment.

While designed more particularly for use on a floor to check a door, my novel device when reduced in size is adapted to serve efficiently as a good screen-door check or anti-slammer, as it is susceptible of being placed at any point on a screen-door casing and is not liable to catch and tear the clothes of passing ladies. The device is also adapted to be used to advantage as an antirattler for windows, being attached in this application to the window-casing so that its tip engages with the face of the window-sash sufficiently to prevent rattling thereof, and this without interfering with the sliding of the sash up and down.

I have specifically described the present and preferred embodiment of my invention in order to impart a definite understanding of the same. I desire it understood, however, that, as before stated or indicated, such changes or modifications may be made in practice as fairly fall within the scope of my invention as claimed.

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

1. As an article of manufacture, the device described comprising a hollow, sheet-metal body open at one end and closed at its opposite end, a tip arranged outside of and against the body, and a connection between the tip and the body extending through the thickness of the latter and secured on the inner side of said thickness.

2. As an article of manufacture, the device described comprising a hollow, sheet-metal body open at one end and closed at its opposite end, a bolt extending through the thickness of the body and threaded, a tip arranged outside of the body and secured on the bolt, and a nut arranged on the threaded bolt and against the inner side of the thickness of the body.

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

RICHARD W. HUBBARD.

Witnesses:
H. T. RASER,
M. KAHNE.