A. G. Stevens,

Door Check.

No. 77,122. Patented Apr. 21, 1868.

Fig: 1.

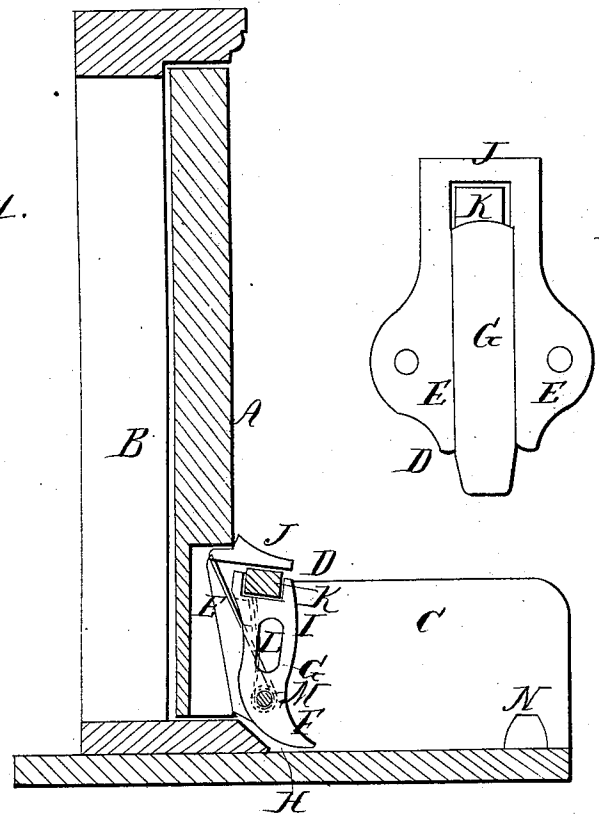


Fig: 2.

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A. G. STEVENS, OF MANCHESTER, NEW HAMPSHIRE.

Letters Patent No. 77,122, *dated April* 21, 1868.

IMPROVED DOOR-STOP.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, A. G. STEVENS, of Manchester, in the county of Hillsboro, and State of New Hampshire, have invented a new and improved Door-Stop; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The object of the door-stop embraced in the present invention is to obviate any injury to the sides of rooms by the striking of the door against the same when opened wide, and for this purpose this invention consists in a novel-constructed and arranged stop, applied to the door, which, by the opening of the door, will be thrown into position to prevent its striking against the side of the room, and thus obviate any injury thereto.

In the accompanying plate of drawings my improved door-stop is illustrated—

Figure 1 being a vertical section through a door and its frame, with my improved stop applied thereto, and

Figure 2 an outside front view of the case in which my door-stop is arranged.

Similar letters of reference indicate like parts.

A, in the drawings, represents a door, and B the frame, in which the door is hung by hinges in the ordinary manner; C, the side wall to a room.

D, my improved door-stop, consisting of a case or box, E, applied to the door, at or near its bottom, but so that the lower end or toe, F, of a lever, G, hung therein, will rest upon or near to the threshold H of the door-frame B. The upper end, I, of the lever G, sets under the top-piece J, to the case or box E, and in such upper end is secured a rubber cushion or pad, K, as shown in red in the drawings, fig. 1 more particularly.

L, a bent spring, passing around centre or fulcrum-pin M to the lever G. This spring, at one end, is confined by the case E, and at the other in the lever G, so that it will act, when the end to the lever having the rubber pad is thrown out from under the top-piece to the case E, to draw it back under the same.

N, a trip-pin, to be fastened in floor of room, at or near the side or mop-board of the same, and in such a position that, when the door is swung open, the toe-end to the lever hung therein will strike against the same, and thus the bumper or rubber-pad end to the lever thrown out into position to strike the side of the room, preventing the door from striking the same, which would cause injury to or the defacement of the same.

I claim as new, and desire to secure by Letters Patent—

1. A door-stop, constructed as described, consisting of the pivoted lever G, formed at the lower end into a toe, F, spring L, cushion K, and case E J.

2. I claim the combination of pivoted lever G, spring L, and cushion K, with the case E J attached to the lower part of the door A, substantially as described.

3. I claim operating the door-stop by means of the trip-pin N, substantially as described and for the purpose specified.

A. G. STEVENS.

Witnesses.

L. B. CLOUGH,

HERMAN FOSTER.