(No Model.)

G. G. & R. MATTHEWS.

DOOR CHECK.

No. 281,542. Patented July 17, 1883.

Fig. 1

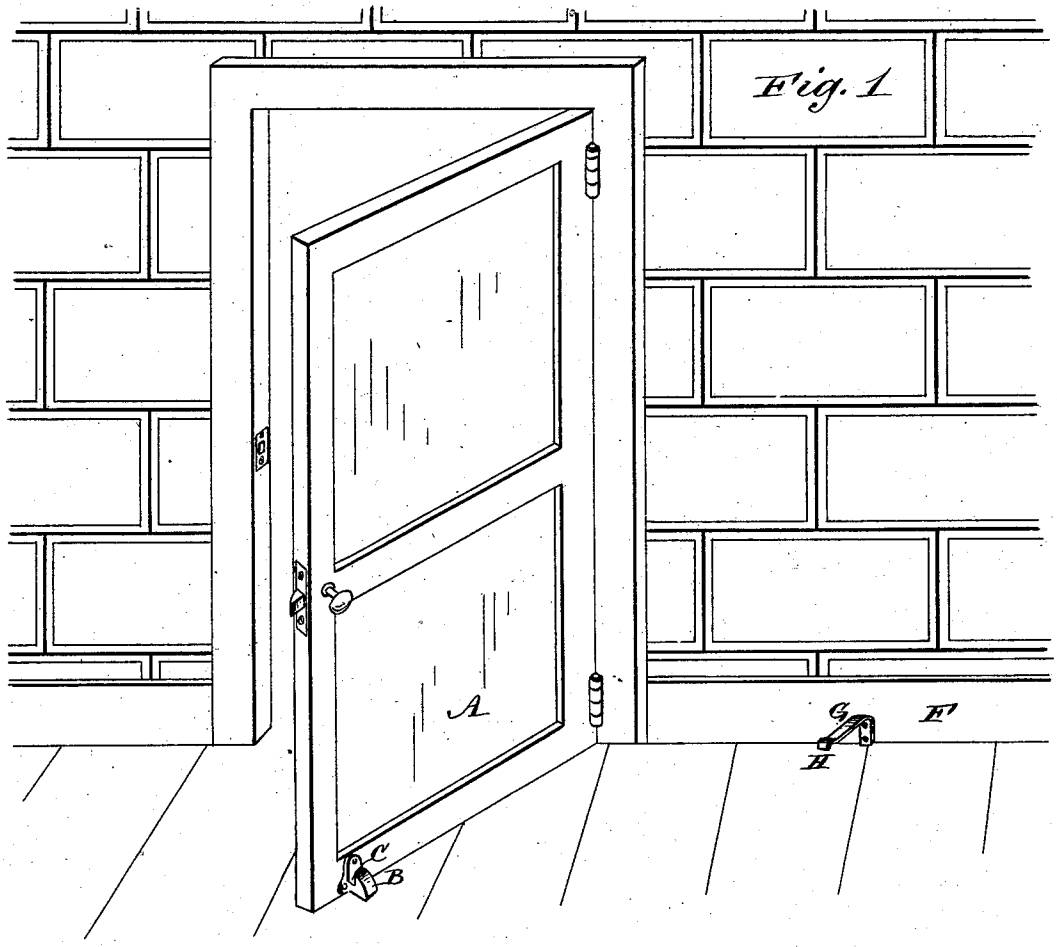


Fig. 2

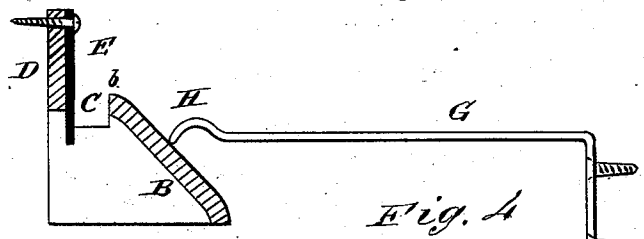


Fig. 3

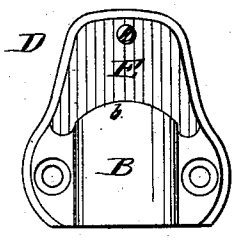
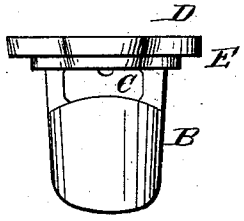


Fig. 4



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UNITED STATES PATENT OFFICE.

GEORGE G. MATTHEWS AND RODOLPH MATTHEWS, OF WICHITA, KANSAS.

DOOR-CHECK.

SPECIFICATION forming part of Letters Patent No. 281,542, dated July 17, 1883.

Application filed May 17, 1883. (No model.)

To all whom it may concern:

Be it known that we, GEORGE G. MATTHEWS and RODOLPH MATTHEWS, both of Wichita, in the county of Sedgwick and State of Kansas, have invented a new and Improved Door-Holder, of which the following is a full, clear, and exact description.

The object of our invention is to provide a new and improved device for holding a door open, which device also serves as a buffer.

The invention consists in a beveled rounded step fastened to the bottom of the inner surface of the door, and provided with a notch, combined with a spring-catch fastened to and projecting from the base-board, which catch is provided at its outer free end with a bend or bow adapted to catch in a recess at the upper end of the inclined surface of the step, and thus holds the door open. The back plate of the step is provided with a buffer-cushion of leather or rubber.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of a door provided with our improved door-holder. Fig. 2 is a side view of the door-holder, parts being shown in section. Fig. 3 is a front view of the beveled step. Fig. 4 is a plan view of the same.

To the bottom of the inner surface of the door A a beveled step, B, is secured, the beveled surface of which is rounded transversely. At the upper end of the incline a notch, C, is formed. The step B is provided with a flange or back plate, D, fastened to the door, which flange is provided on the outer surface with a buffer or cushion, E, of leather or rubber. On the base-board F a spring-catch, G, is fastened, which projects from the base-board, and which is provided at the outer free end with a bow, or hook, or bend, H, projecting downward. If the door is opened, the bend or bow H strikes against the beveled surface of the step B and slides up the same and snaps into the notch C, and thus holds the door open. If the door is to be closed, the pressure on the door can easily draw the hook or bend H out of the notch C. If the door is opened, the cushion E and the spring-catch G serve as a buffer.

The spring-catch G can be made of iron, steel, or any other spring material, and the step B can be made of metal or any other suitable material. Both may be covered by suitable screens. If desired, the step can be attached to the base-board and the spring-catch to the door; but the arrangement shown is preferred. The top edge, *b*, of the step B is rounded, so as to allow the spring-catch to engage when the door comes back at an angle to the base-board, and the spring-catch G strikes the step at an angle. The hook or bow at the end of the spring-catch will then always be guided to the upper end of the step, and will snap into the recess of the same.

We are aware that it is not new to employ a plate having an underneath beveled rib, in combination with a spring-catch having an upwardly-projecting free end; that it is not new to employ a notched bar in combination with a spring-catch, and that it is not new to employ a buffer or cushion in connection with a door-check.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

In a door-check, the back plate, D, fastened to the door and provided with the beveled step B, having the stepped notch C at its upper end, said plate having also a buffer or cushion, E, with its lower end entering said notch C, in combination with the catch G, having its free end H bent or curved downward, essentially as shown and described, and for the purpose set forth.

GEO. G. MATTHEWS.
RODOLPH MATTHEWS.

Witnesses:
W. N. DEAN,
FRANK M. ROGERS.