

A. BROWN.
DOOR CHECK.

APPLICATION FILED JULY 22, 1909.

943,515.

Patented Dec. 14, 1909.

Fig. 1.

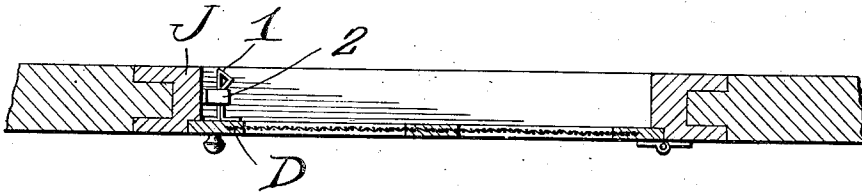


Fig. 2.

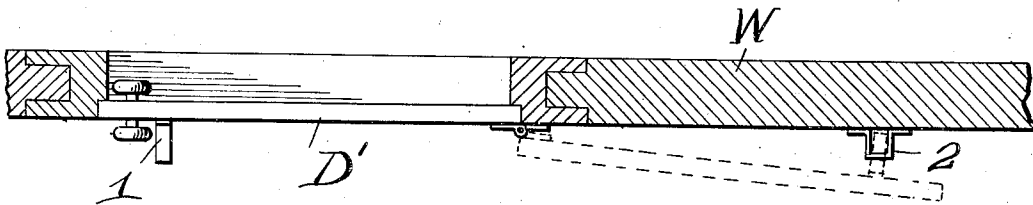


Fig. 4.

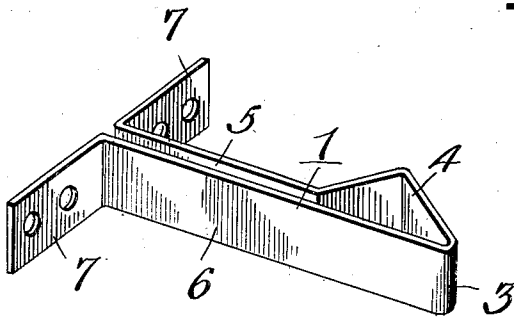
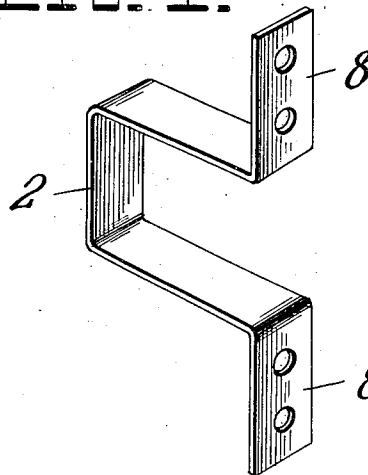


Fig. 3.

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Witnesses

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DOOR-CHECK.

943,515.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ALBERT BROWN, a citizen of the United States, residing at Rockford, in the county of Floyd and State of Iowa, have invented certain new and useful Improvements in Door-Checks, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to improvements in door checks which may be used for holding doors of any kind in either their open or closed position.

The object of the invention is to provide a simple and inexpensive device of this character which will effectively accomplish its intended purpose.

With the above and other objects in view, the invention consists of the novel features of construction and the combination and arrangement of parts hereinafter fully described and claimed, and illustrated in the accompanying drawings, in which—

Figure 1 is a horizontal section through a screen door and its frame showing the use of the invention in checking the closing movement of the door and holding it in closed position; Fig. 2 is a horizontal section through a door frame showing the use of the invention for retaining an ordinary door in an open position; and Figs. 3 and 4 are perspective views of the two parts of the invention.

The invention consists of a catch member 1 and a keeper member 2. The catch member 1 is formed from a single piece or strip of resilient sheet metal by bending the same upon itself adjacent its center, as shown at 3, then bending one arm or portion adjacent the bend 3 into angular or V-shape form so as to provide a double beveled or V-shaped catch projection 4. The two portions 5, 6 of the strip extend parallel for a suitable distance and are then bent at right angles and in opposite directions to provide apertured attaching flanges 7. The keeper member 2 is also formed from a single strip of sheet metal by bending the intermediate portion of the same into U-shape and then bending its extremities outwardly in opposite directions so as to provide apertured attaching flanges 8.

When the invention is to be used as a

check and fastener for a screen door, as shown in Fig. 1, the keeper member 2 is secured in an upright position on the door jamb J while the catch member 1 is secured in a horizontal position on the door D so that when said door swings to its closed position the V-shaped projection 4 will spring into the keeper loop 2, as shown. As said catch member enters the keeper the closing movement of the door is checked and when it is fully within the keeper the door will be prevented from opening and will be retained in its closed position.

When the invention is used for holding an ordinary house door, car door, or the like in open position, the keeper member 2 is secured in a horizontal position to the wall or the weather-boarding W while the catch member 1 is secured to the door D with the catch projection 4 turned either up or down so that when the door is swung to its full open position shown in dotted lines in Fig. 2, said projection 4 will spring over either the lower or the upper edge of the U-shaped central portion of the keeper member, as will be readily understood on reference to the drawings.

From the foregoing it will be seen that the invention provides an exceedingly simple and inexpensive device of this character which may be readily applied to all kinds of doors and used for effectively retaining them in either open or closed position.

Having thus described the invention what is claimed is:

A door check consisting of a keeper member and a co-acting catch member, the latter being formed from a single strip of resilient material bent upon itself adjacent its center to provide parallel portions, the outer end of one of said portions being bent angularly to provide a V-shaped catch projection and the extremities of said parallel portions being bent oppositely at right angles to provide attaching flanges.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

ALBERT BROWN.

Witnesses:

WILLIAM BROWN,
FRANK BROWN.