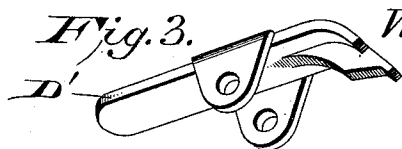
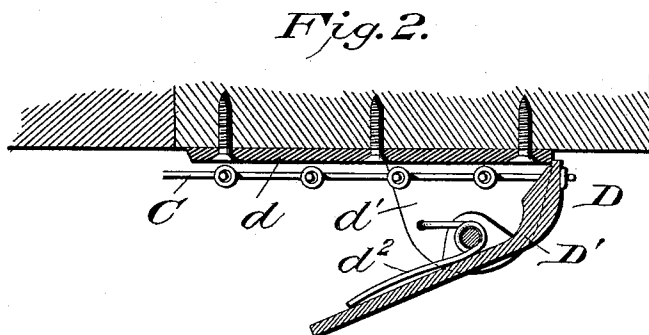
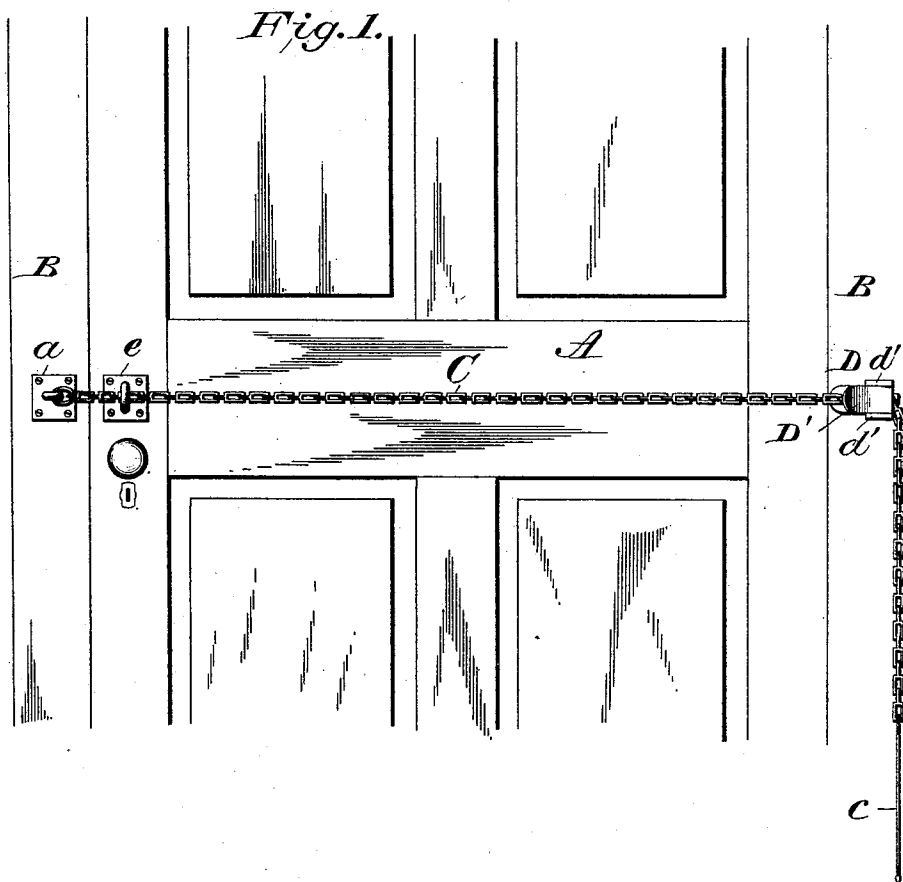


(No Model.)

W. J. CONNER.
DOOR CHECK.

No. 482,227.

Patented Sept. 6, 1892.



Witnesses

L. S. Elliott,

E. M. Johnson

William J. Conner,

Inventor

by

[Signature]
Attorney

UNITED STATES PATENT OFFICE.

WILLIAM J. CONNER, OF LABETTE, KANSAS.

DOOR-CHECK.

SPECIFICATION forming part of Letters Patent No. 482,227, dated September 6, 1892.

Application filed May 26, 1892. Serial No. 434,508. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM J. CONNER, a citizen of the United States of America, residing at Labette, in the county of Labette and State of Kansas, have invented certain new and useful Improvements in Door-Checks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention relates to improvements in door-guards, the object of the same being to provide a means for securing a door so that it cannot be opened on the outside, the fastening or chain extending from one side of the door-frame to the other, as will be hereinafter fully set forth, and particularly pointed out in the claims.

In the accompanying drawings, forming part of this specification, Figure 1 is a front elevation of a door and door-frame showing my improvements applied. Fig. 2 is a sectional view of a catch which holds the free end of the chain in engagement with the door-frame. Fig. 3 is a detail perspective view of a part of the catch.

A designates the door, which is hinged in the usual manner to the door-frame B. To the side pieces of the door-frame is rigidly secured an eye-plate *a*, to which one end of a chain C is rigidly secured. On a line with said eye-plate the opposite side of the door-frame is provided with a spring-catch D, which preferably consists of a base-plate *d*, having ears *d'* *d'*, between which is pivoted a pawl D', the pivot-pin being encircled by a helical spring *d*², one end of which bears against the under side of the pawl, while the other end is passed through a perforation in one of the ears *d'*. The end of the pawl is reduced, so that it may pass through one of the links of the chain and engage the end of the base-plate. The door A has an eye-plate *e*, located, preferably, above the door-knob and adjacent to the plate to which the chain

is attached. The chain C has a threading rod or needle *c* secured to its free end, and said chain is passed through the eye *e* and from there under the spring-actuated pawl forming a part of the fixture D. It will be observed that in use the chain engages with fixtures attached to the door-frame on each side of the door and is held in engagement with the door by being passed through the eye *e*, so that when the chain is made tight it will assist the hinges and usual catches of the door in resisting pressure or force which may be exerted from the outside. By loosening the chain sufficiently the door can be opened from within, and by withdrawing it from the fixture D and eye *e* the door will be free from the same.

I am aware that prior to my invention it has been proposed to attach a chain to a door and door-frame for the purpose of barricading the door, in some instances such chains forming portions of bolts, and I do not claim such invention, broadly; but

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

1. In a door-fastening, the combination of the fixtures *a* and D, rigidly secured to the door-frame on each side of the door, a chain permanently attached to one of the fixtures and adapted to be engaged by a pawl carried by the other fixture, substantially as shown, and for the purpose set forth.

2. In a door-fastening, the combination of a chain C, rigidly secured to one side of the door-frame and provided at its free end with a needle or bar *c*, a pawl secured to the opposite side of the frame, said pawl having a reduced end which engages with said chain, substantially as shown.

3. The combination, in a door-fastening, of a chain permanently secured to the door-frame, an eye or loop carried by the door, through which the chain passes, and a fixture D, secured to the opposite side of the door-frame, the chain being adapted to be engaged by said fixture, substantially as shown, and for the purpose set forth.

4. The combination, in a door-fastener, of a chain rigidly secured to the door-frame and

adapted to engage with an eye carried by the door, a spring-actuated pawl attached to the opposite side of the door-frame, the pawl having a reduced end which may pass through a
5 link of the chain and engage with the bed-plate of the fixture which carries the pawl, substantially as shown.

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

WILLIAM J. CONNER.

Witnesses:

E. G. FOSTER,
A. W. DIGGS.