

T. P. WHITE.
Door-Check.

No. 217,565.

Patented July 15, 1879.

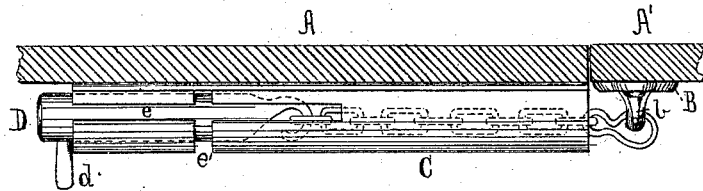


Fig. 1.

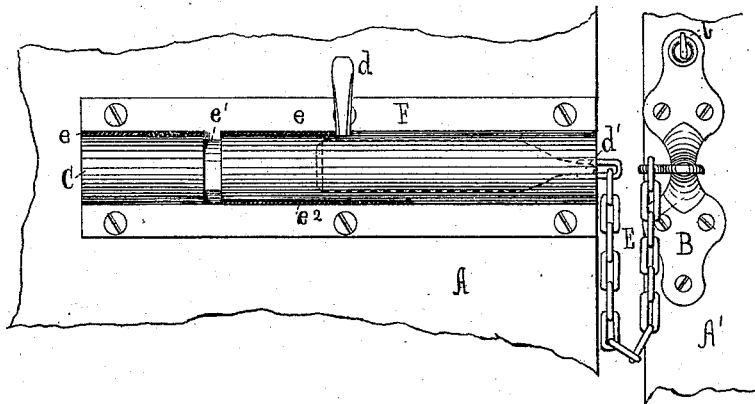


Fig. 2.

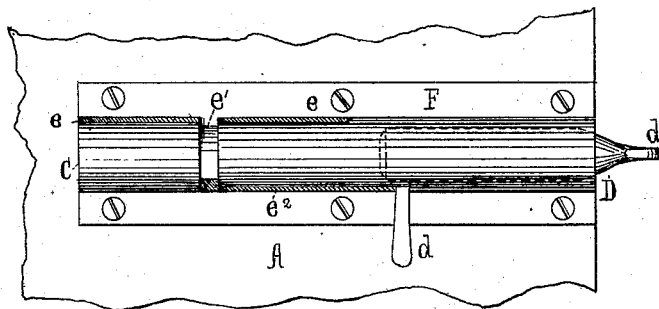


Fig. 3.

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UNITED STATES PATENT OFFICE

THOMAS P. WHITE, OF ASHTABULA, OHIO.

IMPROVEMENT IN DOOR-CHECKS.

Specification forming part of Letters Patent No. **217,565**, dated July 15, 1879; application filed May 23, 1879.

To all whom it may concern:

Be it known that I, THOMAS P. WHITE, of Ashtabula, in the county of Ashtabula and State of Ohio, have invented certain new and useful Improvements in Door-Checks and Fastening Devices; and I do hereby declare that the following is a full, clear, and exact description of the invention, which 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.

My invention relates to certain improvements in door-fastening devices, which will also serve as door-checks.

The object of my invention is to provide a simple and reliable means for retaining doors in position when closed, or to allow them to be left ajar when desired, for the purpose of ventilation, and also to permit the door to be partially opened, in order that the person within may ascertain who desires admission before permitting them to enter, and yet so fasten and hold the door that an outsider cannot disconnect the parts of the fastening and be enabled to open the door sufficiently for them to enter or pass through the doorway without destroying by force either the door, the frame, or the fastening.

My invention consists of a barrel or tube, formed on a suitable bed-plate or base having a peculiar arrangement of slots cut or otherwise formed in it, and so connecting with each other as to allow the free passage of a knob or handle of a chain-bar that slides freely within the said barrel, one end of which is provided with a hook, all arranged and operated for the purpose more fully hereinafter described, in combination with a chain and fixed bracket, to which one end of the said chain is permanently attached.

To enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the accompanying drawings, in which—

Figure 1 is a plan view of my invention when the door is closed fast, and a portion of the door and frame in horizontal cross-section.

Figs. 2 and 3 are front elevations of the same, the parts being in different positions.

A represents a door, to which my invention is attached by screws in the usual manner. A' is the frame of the said door. F represents the base or bed-plate, on which the slotted barrel C is formed, within which the chain-bar D slides freely from end to end. The chain-bar D is provided at its forward end with the hook d', and on or near the other end with the handle d, which is of the requisite size and shape to allow it to be worked back and forth along the longitudinal slots e and e², and up and down, as desired, in the vertical slot e¹.

The longitudinal slot e extends from the rear end of the barrel C forward a suitable distance. The slot e¹ extends vertically across the barrel C from the slot e to the slot e². The longitudinal slot e² extends forward from the slot e¹ to any required length.

E represents the chain, one end of which is firmly attached to the bracket B, that is properly secured to the door-frame A'. The other end of the said chain may be either fastened to the chain-bar D by means of the hook d', from which it can be easily detached at the proper time, or looped up onto the hook b in the bracket B, out of the way, when not in use.

The chain-bar D can be of any length; but the distance from the end of the hook d' to the shoulder formed by the handle d is less than the distance from the inner extremity of the slot e to the forward end of the barrel C.

The door to which my invention is attached being closed, and the parts in the position shown in Fig. 1, it is evident that the door will be securely fastened, as the chain E cannot be slackened, and is held taut within the barrel C by means of the chain-bar D, to which it is hooked, which is prevented from sliding forward by reason of the handle d being in close contact with the rear end of the barrel C, as shown.

In order that the door may be opened either for the purpose of ventilation or to inspect the persons on the outside who desire admission, raise the handle d into the slot e, move it along to the extremity of the said slot e, as shown in Fig. 2, when the door may be slightly opened; but the chain E is of such a length that it will

not allow the door to be opened widely enough for the outsider to enter; and it is apparent that the chain E cannot be detached from the hook *d'* by any one while it is in the position shown, being protected by the sides of the barrel C, and so held, for reasons already given.

To remove the chain E from the hook *d'*, first nearly close the door, then move the handle *d* back along the slot *e* to the slot *e'*, and down into the slot *e''*, when the chain-bar D may be moved into the position shown in Fig. 3, the chain detached therefrom, and the door be fully opened.

Having thus described my invention, what

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

The combination of the barrel C, having the slots *e*, *e'*, and *e''*, with the chain-bar D, provided with the handle *d* and hook *d'*, arranged and operated substantially as and for the purpose described.

In testimony that I claim the foregoing as my own I hereunto affix my signature in presence of two witnesses.

THOMAS P. WHITE.

Witnesses:

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FRED. A. WILLIAMS.