C. S. WHIPPLE.

DOOR-CHECK.

No. 185,466. Patented Dec. 19, 1876.

Fig. 1.

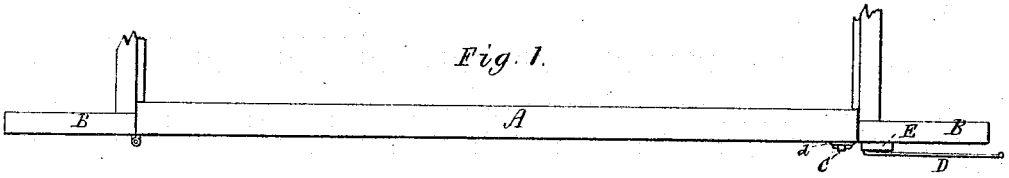

Fig. 2.

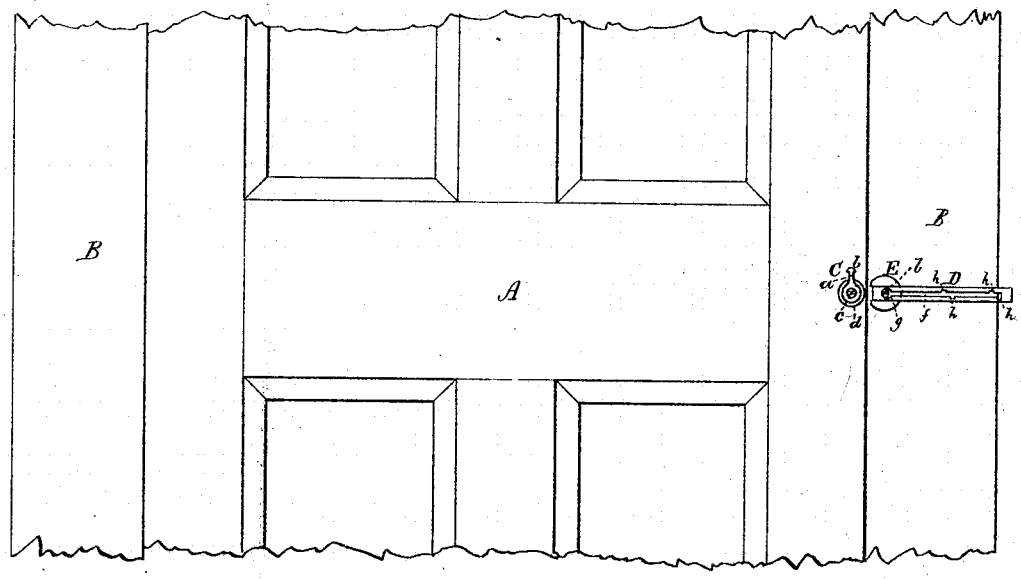

Fig. 3.

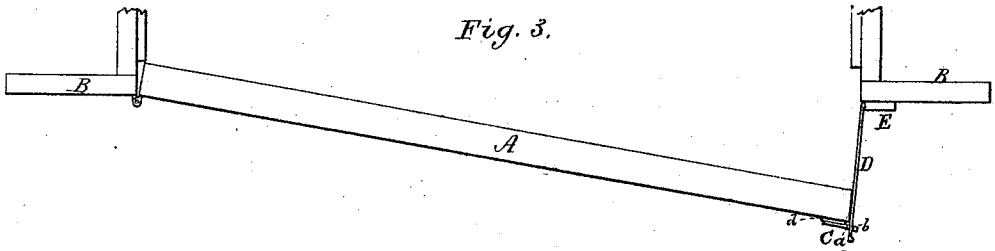

Fig. 4.

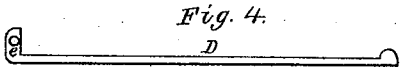

Fig. 5.

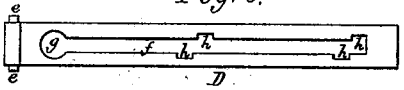

Fig. 6.

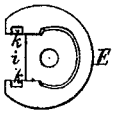

Fig. 7.

Witnesses.
S. N. Pipen
Jos. W. Mills

Charles S. Whipple
by his attorney.
R. H. Eddy.

UNITED STATES PATENT OFFICE

CHARLES S. WHIPPLE, OF NEW LONDON, CONNECTICUT.

IMPROVEMENT IN DOOR-CHECKS.

Specification forming part of Letters Patent No. **185,466**, dated December 19, 1876; application filed October 30, 1876.

To all whom it may concern:

Be it known that I, CHARLES S. WHIPPLE, of the city and county of New London, of the State of Connecticut, have invented a new and useful Improvement in Door or Shutter Fasteners; and do hereby declare the same to be described in the following specification and represented in the accompanying drawings, of which—

Figure 1 denotes a top view, and Fig. 2 a front elevation, of one of my improved fasteners applied to a door and its frame. Fig. 3 represents the door as held open by the fastener. Figs. 4, 5, 6, and 7 are detail views.

The invention consists, mainly, in a rotary catch and a slotted arm working on a notched and recessed block, as set forth, the former being for application to the door, and the latter to its frame or casing, as hereinafter more fully described and definitely claimed. Their object is to hold the door open within certain limits, and to so fasten it open that a person on the outside of it cannot disconnect the parts of the fastening in a manner to enable him to open the door sufficiently for him to enter or pass through the doorway.

In the drawings, A denotes part of a door; B, the casing or frame to which the door is hinged. The rotary catch (shown at C, and formed with a neck, *a*, and a head, *b*) is to be pivoted to the door—that is, it is to be secured thereto by a screw, *c*, on which it can turn, there being between the catch and the door, and on the screw, a metallic washer, *d*.

The slotted arm D is shown more particularly in top view in Fig. 4, and in side view in Fig. 5, it being, near one end of it, bent at a right angle, and provided with two pivots, *e e*, all being as represented. It has a long slot, *f*, extending through it, and opening at its inner end into a mouth or round hole, *g*.

Leading from the slot are certain notches, *h h h h*, they being arranged as shown.

By means of a pivotal block, E, (exhibited in rear elevation in Fig. 6, and in horizontal section in Fig. 7,) the arm is connected with the door casing or frame.

The block E is notched in its periphery at *i*, and provided with pivotal bearings or recesses *k k*, all being as shown, the notch or recess being to receive the bent part and pivots of the arm, in order to hinge the arm to the block. The latter is to be fastened to the door-frame by one or more screws, *l*, the whole being so as to enable the arm to be hinged to the door-frame in such a way as to enable the said arm either to be turned back against the frame or out into an obtuse angle therewith. Any other mode of hinging the arm to the casing or frame, so as to enable such arm to turned back against the same, or out into an obtuse angle therewith, may be substituted for that described.

In order to put the catch and the arm in engagement, the latter is to be turned out from the casing far enough, and the head and neck of the catch are to be inserted through the mouth or opening *g*. On the door being opened the neck of the catch will slide along in the slot of the arm, and may be turned into either of the notches of the arm, the head of the catch, while the neck may be in the slot, serving to hold the arm and the catch in engagement.

I am aware that a chain, a dovetailed head, and a grooved plate to receive such head, have been used for the purpose of my invention, and therefore I do not claim such. They operate quite differently from any fastener which holds the door open without allowing it to freely swing or occasionally close, as a chain will.

I claim—

1. The combination of the rotary catch C, pivoted or to be applied to a door, as set forth, with the arm D, provided with the slot *f*, notches *h*, and mouth *g*, and hinged or to be hinged to the door-casing, and to operate with such catch, substantially as and for the purpose as explained.

2. The notched and recessed block E, as described, in combination with the slotted arm D, bent and provided with the pivots *e e*, all being essentially as specified, and for use with a rotary catch, as explained.

CHARLES S. WHIPPLE.

Witnesses:

R. H. EDDY,

J. R. SNOW.