

H. B. PRUDEN.
Door-Check.

No. 226,786.

Patented April 20, 1880.

Fig. 1.

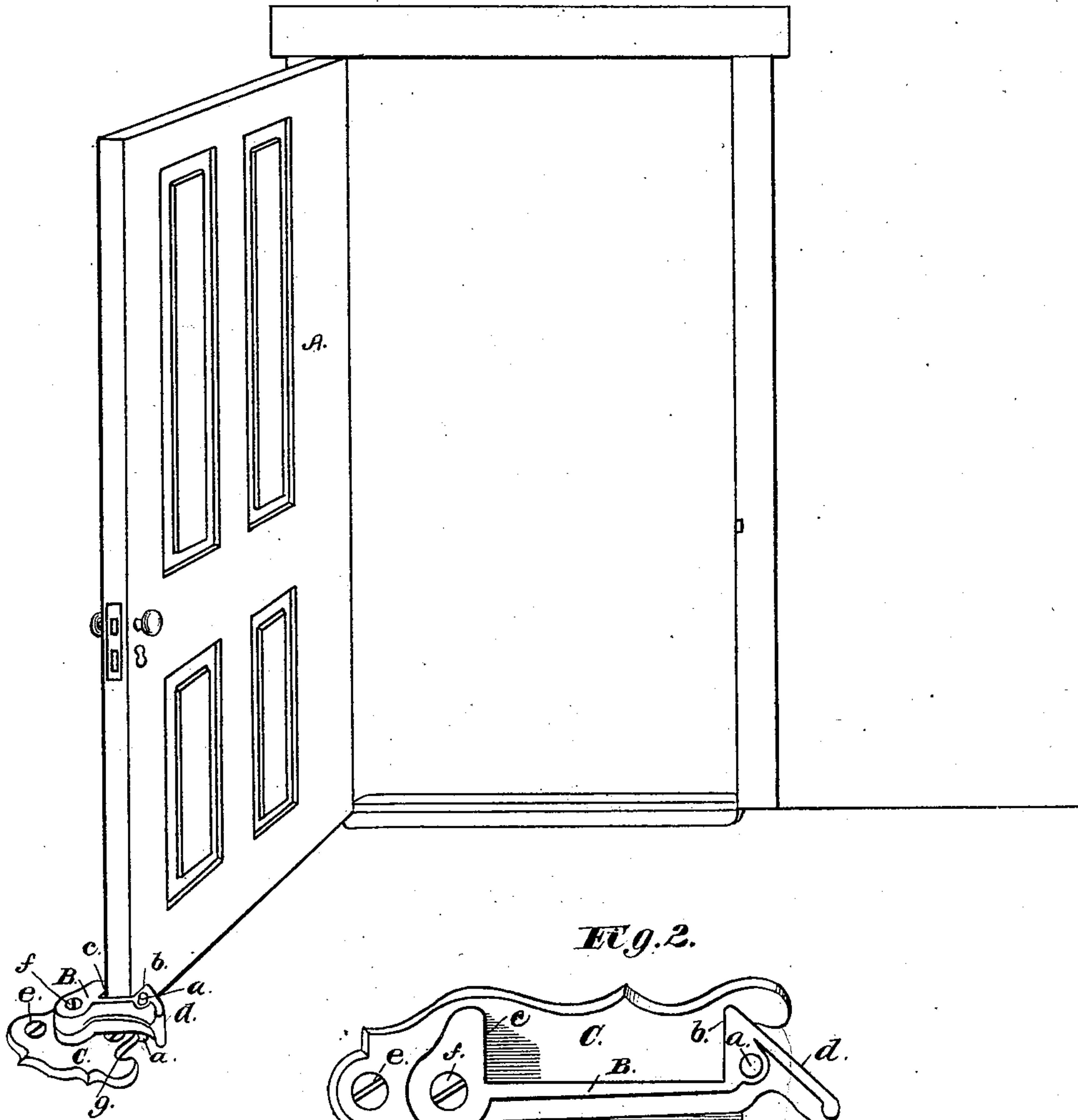


Fig. 2.

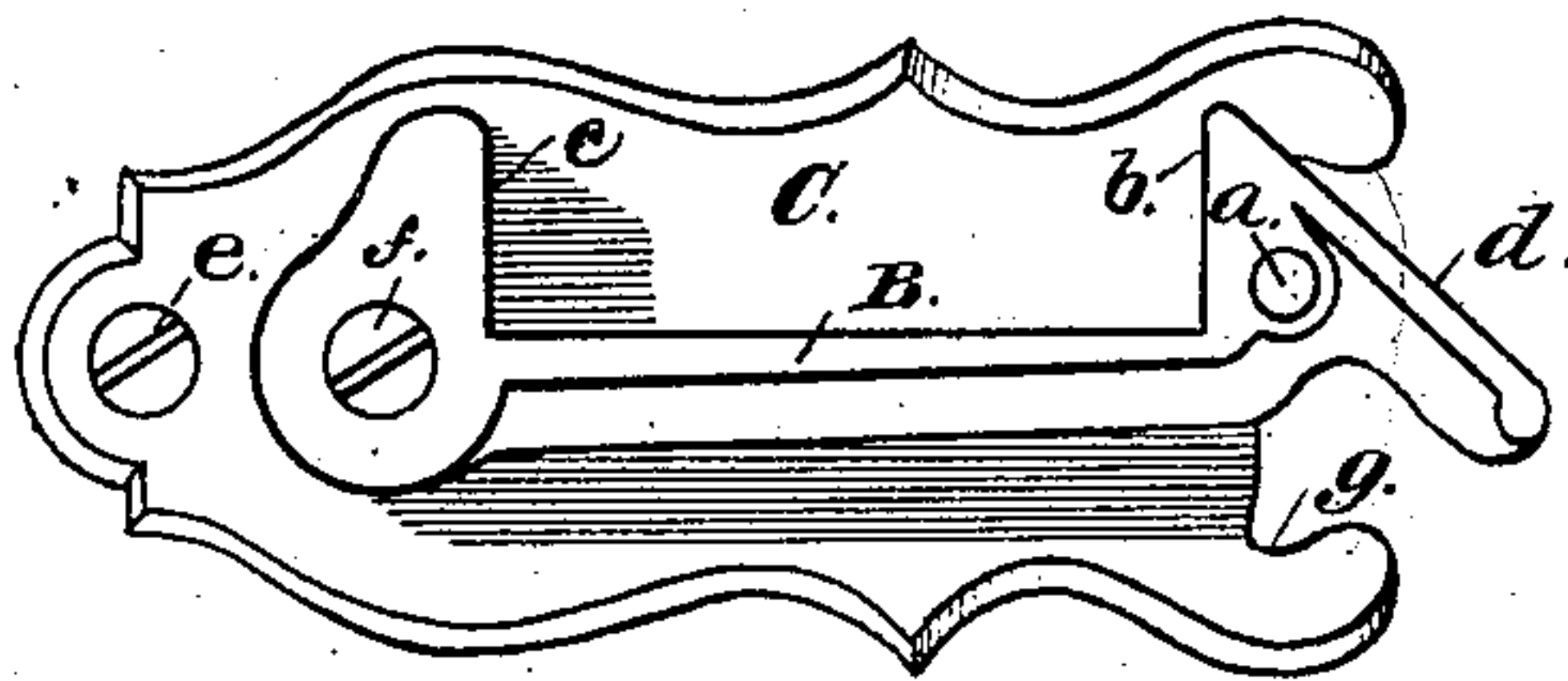
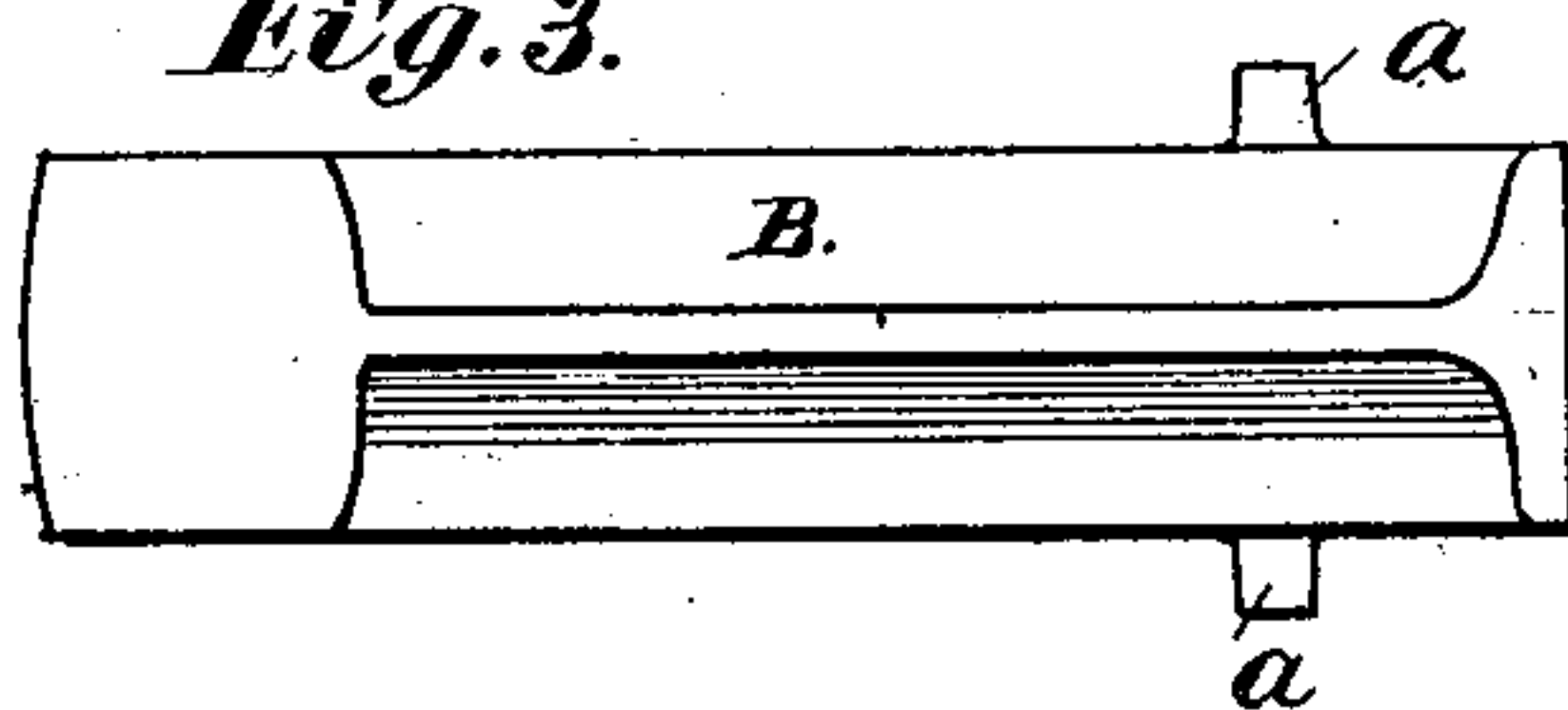


Fig. 3.



Witnesses:
Chas. M. Peck
P. H. Gunkel

Inventor;
Henry B. Pruden
by Peck & Ritchie
his Atty;

UNITED STATES PATENT OFFICE.

HENRY B. PRUDEN, OF DAYTON, OHIO.

DOOR-CHECK.

SPECIFICATION forming part of Letters Patent No. 226,786, dated April 20, 1880.

Application filed January 23, 1880.

To all whom it may concern:

Be it known that I, HENRY B. PRUDEN, of Dayton, in the county of Montgomery and State of Ohio, have invented certain new and
5 useful Improvements in Door-Checks; and I do hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to an improvement in automatic catches or latches for gates or doors,
10 which are designed to hold them open and prevent them from being accidentally closed or blown to by the wind.

The device consists in a reversible slotted catch, which is pivoted to a retaining and guide
15 plate, so that when the door or gate is opened its lower corner is caught and held firmly in the slot or recess of the catch until intentionally released; and the novelty consists in the construction and combination of the parts, as will
20 be herewith set forth and specifically claimed.

In the accompanying drawings, Figure 1 is a perspective view of an open door, showing the application of my improved automatic catch. Fig. 2 is an enlarged plan view of the
25 catch and its plate. Fig. 3 is a side elevation of the catch.

The catch consists of a metal piece, B, of the shape shown, having a recess or slot in one side as wide as the thickness of the door, and
30 with right-angular interior sides or shoulders *b c*, as shown particularly in Fig. 2. The nose or striking portion of this catch is inclined, as seen at *d*, and the catch is pivoted, by a screw or bolt, *f*, at one end, to the flat plate C, which
35 is fastened to the floor at the point where it is desired to hold the door. The end or edge of the plate C under the nose of the catch is slotted or recessed, as seen at *g*, and the lower one of the two studs or pins *a* projecting from

the nose of the catch travels in and is confined 40 by this recess, so that the swinging motion of the catch is limited to the length of this recess. By thus placing the pins *a* upon both the upper and lower sides of the nose the catch is made reversible, and will fit right or 45 left hand opening doors or gates.

When the door is thrown open its lower corner strikes the nose of the latch and moves it sufficiently to pass by. It then comes in contact with the shoulders *c*, and, pressing against 50 the same, reverses the first movement of the catch and causes it to grasp the edge of the door, as represented in Fig. 1. By means of the stops *a* the catch is always held in readiness for the door and cannot get out of place. 55

To release the door it is only necessary to press back the nose of the latch with the foot, when the door is freed and can be closed.

I do not broadly claim an automatic catch for doors or gates, as I am aware that such 60 are old; but,

Having thus fully described my invention, I claim—

The herein-described catch B, recessed upon one side to form shoulders *b c*, and having 65 pins *a* projecting from both upper and lower sides, in combination with the metal plate C, provided with the slot *g*, adapted to receive the lower pin, *a*, when said catch is pivoted and rests upon said plate, in the manner and for 70 the purpose specified.

Witness my hand this 3d day of January, 1880.

HENRY BAER PRUDEN.

Witnesses:

CHAS. M. PECK,

PATRICK H. GUNCKEL.