

W. BURROWS.
Door-Checks.

No. 150,823.

Patented May 12, 1874.

Fig. 1.

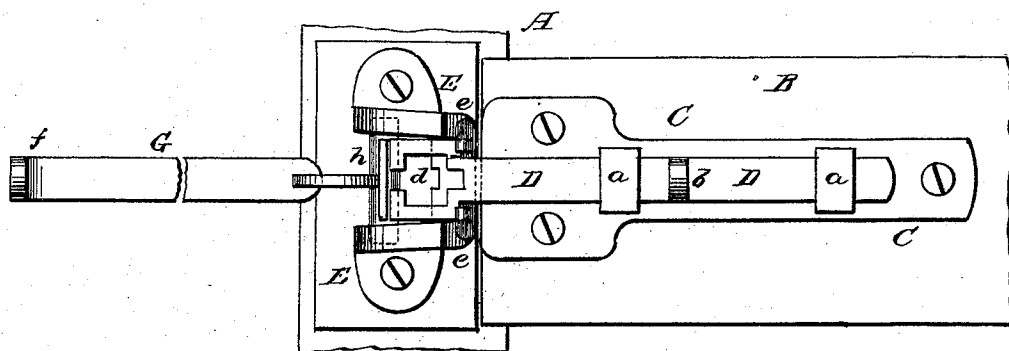
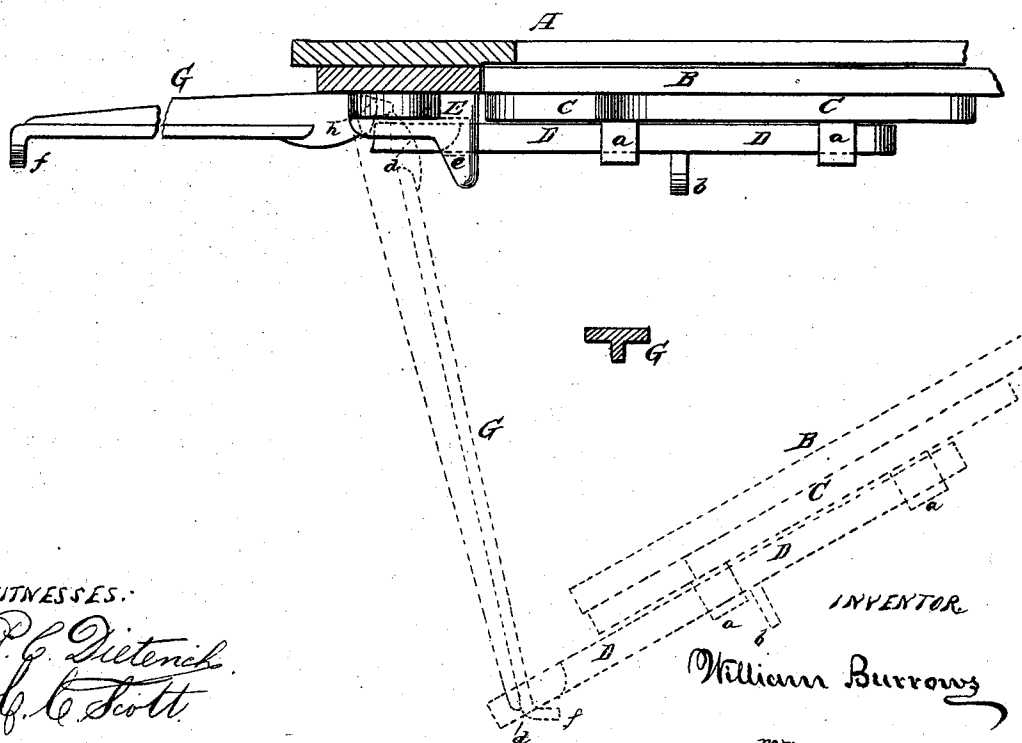


Fig. 2.



WITNESSES:

P. C. Dietrich.
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IMPROVEMENT IN DOOR-CHECKS.

Specification forming part of Letters Patent No. 150,823, dated May 12, 1874; application filed April 2, 1874.

To all whom it may concern:

Be it known that I, WILLIAM BURROWS, of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Door-Checks; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

The nature of my invention consists in the construction and arrangement of a door-bolt with check-bar, in which the check-bar is made solid without any slot, but of a form to correspond with the perforations in the end of the bolt used, the bottom of said bar being constructed to enter said perforations in the bolt, and the bar, being hinged, is constructed to form a stop for the bolt when said bar is turned back, as will be hereinafter more fully set forth.

In order 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 annexed drawing, in which—

Figure 1 is a plan view of a device embodying my invention, and Fig. 2 is a side elevation of the same.

A represents the door frame or casing, and B the door-hinge, as usual, to one side thereof. On the inner side of the door B, near the outer edge, is secured a horizontal bed-plate, C, provided with suitable guide-loops *a a*, in which the bolt D moves, said bolt being, between the loops, provided with a thumb-piece, *b*. The outer end of the bolt D is provided with a slot or hole, *d*, from the outer edge inward for a suitable distance, as shown. On the door-frame A, opposite to the end of the bolt, is secured a plate, E, upon which are two L-shaped projections, *e e*, forming an open keeper for the entrance of the head of the bolt D, when moved outward to bolt the door. G represents the check-bar, made in any suitable

form, to enter the slot *d* in the end of the bolt, and provided at its outer end with a projection or stop, *f*. At the inner end of the check-bar G is an eccentrically-formed cross-bar, *h*, provided with a journal at each end, which journals have their bearings in suitable boxes formed in the plate E. The check-bar G, in its normal position, is thrown back, when the cross-bar *h* forms a stop for the movement of the bolt, to hold the end thereof under the projections *e e*. Then, if anybody desires admittance, and it is desired to see who the outside party is before opening the door fully, the check-bar G is thrown outward or forward, so as to enter the slot *d* in the bolt. The bolt, with the check-bar in the slot thereof, is then moved so as to clear the projections *e e*, when the door can be opened the length of the check-bar, the bolt sliding thereon until it strikes the stop *f*. If it is then desired to admit the outside party the door will first be pushed to, and the check-bar G thrown back, when the bolt can be withdrawn, and the door fully opened.

The advantages of this device are apparent, and need no description.

I am aware that a slotted check-bar is not new, and I do not, therefore, broadly claim such device; but

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination of the slotted bolt D and the solid bar G, having the eccentrically-formed cross-bar *h*, which acts as a stop for the bolt when the bar is turned back, substantially as and for the purpose herein specified.

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

WILLIAM BURROWS.

Witnesses:

J. S. PIERSON,
JOHN H. STITT.