

W. HINCHLIFFE.
Door-Securer.

No. 209,261.

Patented Oct. 22, 1878.

Fig. 1.

Fig. 2.

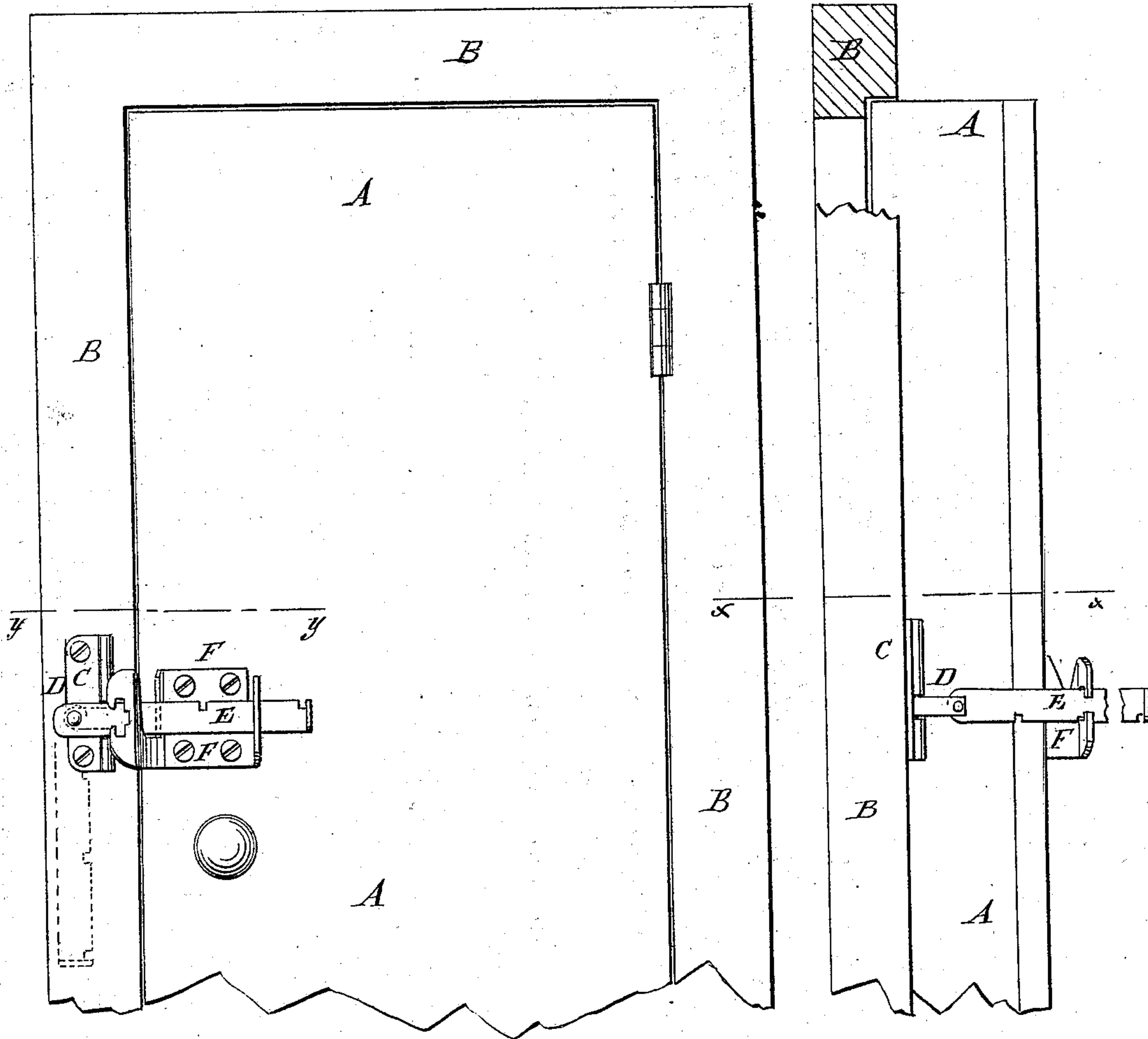


Fig. 3.

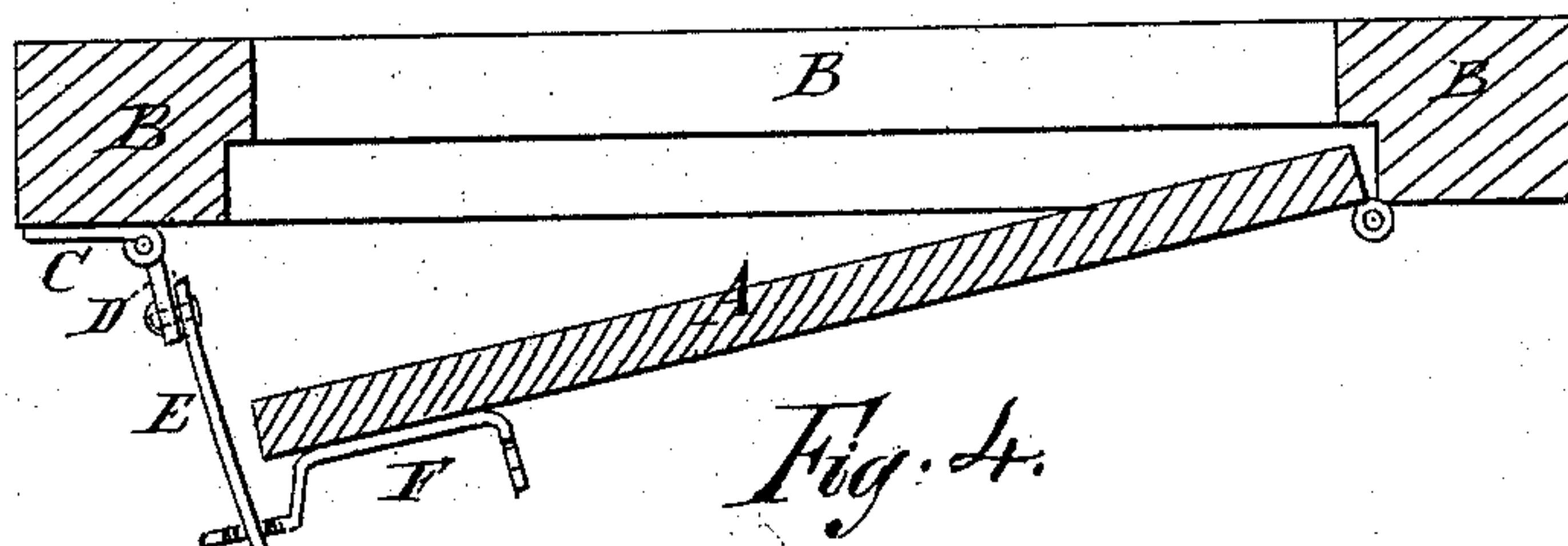


Fig. 4.

WITNESSES:

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WILLIAM HINCHLIFFE, OF NASHVILLE, TENNESSEE.

IMPROVEMENT IN DOOR-SECURERS.

Specification forming part of Letters Patent No. **209,261**, dated October 22, 1878; application filed August 29, 1878.

To all whom it may concern:

Be it known that I, WILLIAM HINCHLIFFE, of Nashville, in the county of Davidson and State of Tennessee, have invented a new and Improved Door-Fastening, of which the following is a specification:

Figure 1 is a front view of my improved fastening, shown as fastening the door closed. Fig. 2 is a side view of the same, shown as fastening the door partly open. Fig. 3 is a detail section taken through the line *x x*, Fig. 2. Fig. 4 is a detail section taken through the line *y y*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved door-fastening, which shall be so constructed that it may be used to fasten the door when closed and when partly open, and which shall be simple in construction and convenient and reliable in use.

The invention consists in the combination of the plate, the hinged strap, the pivoted, notched, and flanged bar, and the flanged, slotted, and notched plate with each other to adapt them to be applied to a door-casing and door, as hereinafter fully described.

A represents a door, and B a door-casing. C is a plate, which is attached to the casing B, and to the inner edge of which is hinged a narrow strap, D. To the strap D is pivoted, by a rivet, the end of a bar, E, which has one or more notches formed in its lower edge, and the free end of which is bent over at right angles to form a flange. F is a plate attached to the door A, the rear end of which is bent outward, or has an outwardly-projecting flange formed upon it. The forward end of the plate F is bent outward and then forward, or has an angular flange formed upon it. The flanges of the plate F are slotted from their upper edges and close to the body of the said plate F, to receive the bar E in fastening the door shut.

In the forwardly-projecting part of the forward flange of the plate F is formed a T-notch to receive the hinge-strap D and the bar E. The mouth of the T-notch is made wide enough to allow the strap D to be passed in and out through it, and the arms of the said notch are made deep enough to allow the bar E to slide through them.

By this construction, by allowing the bar E to rest with either of its notches upon the edge of the plate F, at the end of the lower arm of the T-notch, the door will be fastened partly open, and cannot be moved in either direction without first raising the said bar E.

When the door is closed, the bar E and strap D can be swung out of the T-notch and allowed to hang down along the door-casing, as shown in dotted lines in Fig. 1.

When the door is to be fastened shut, the bar E is swung around into the slots in the flanges of the plate F, as shown in Figs. 1 and 4.

If desired, the strap D may be made so wide that it will not pass through the mouth of the T-notch in the flange of the plate F. In this case the inner part of the bar E must be notched or have a neck formed upon it of such a width that it will pass through the mouth of the said T-notch when the door is fully closed.

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

The combination of the plate C, the hinged strap D, the pivoted, notched, and flanged bar E, and the flanged, slotted, and notched plate F with each other to adapt them to be applied to a door, substantially as herein shown and described.

WILLIAM HINCHLIFFE.

Witnesses:

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