

No. 844,191.

PATENTED FEB. 12, 1907.

C. SCHEER.
DOOR SECURER.

APPLICATION FILED FEB. 27, 1906.

Fig. 1.

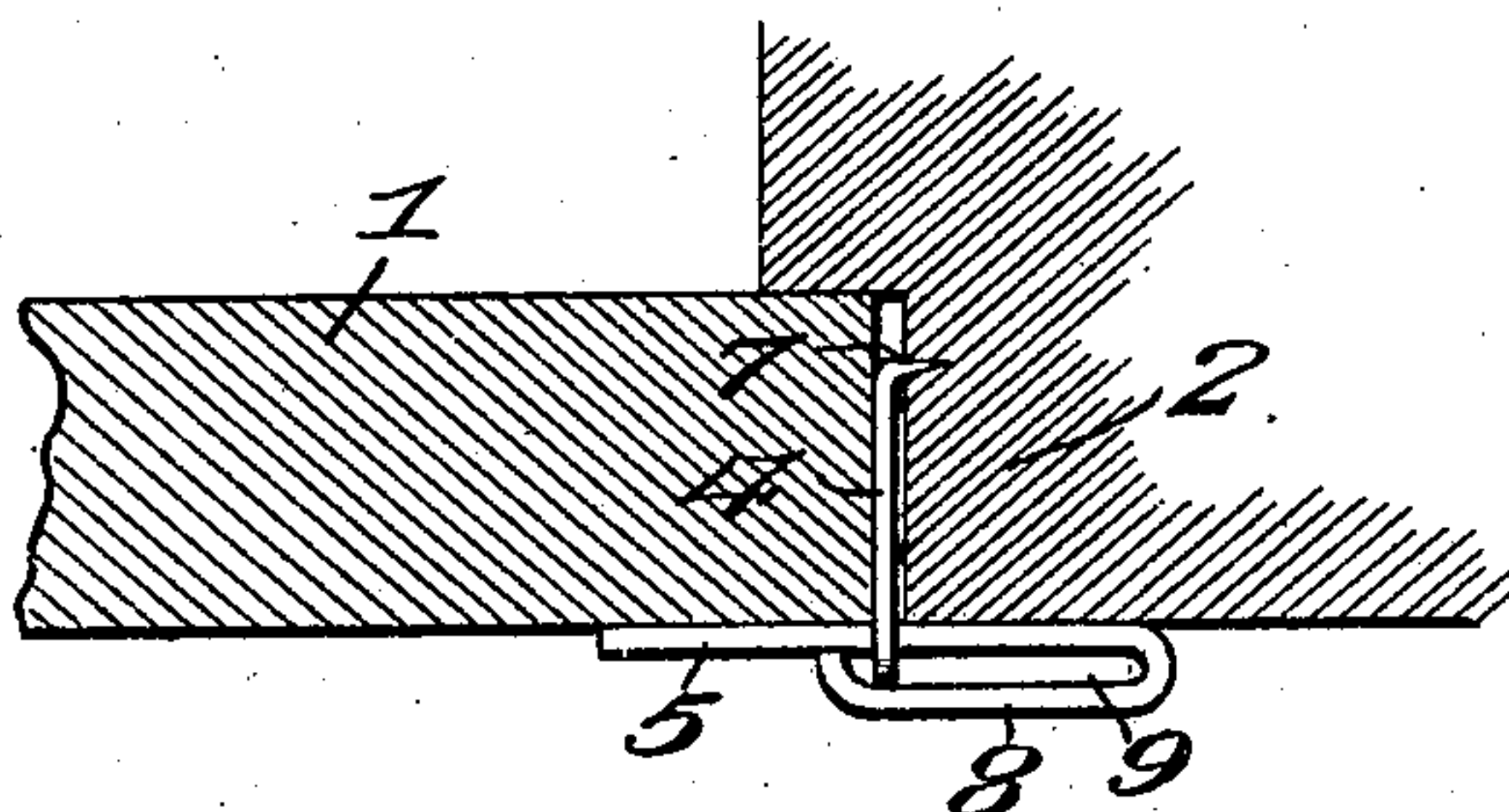


Fig. 2.

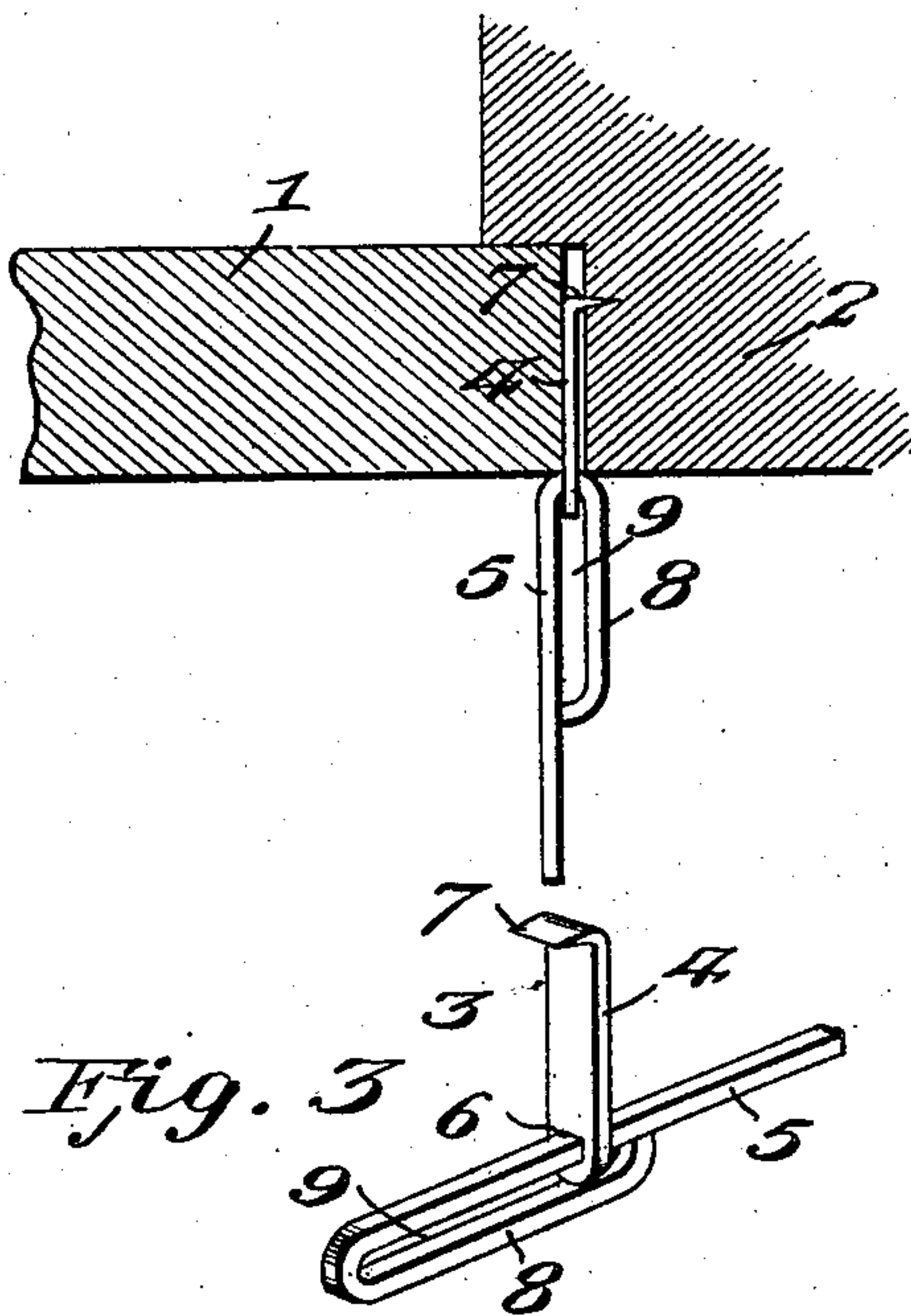
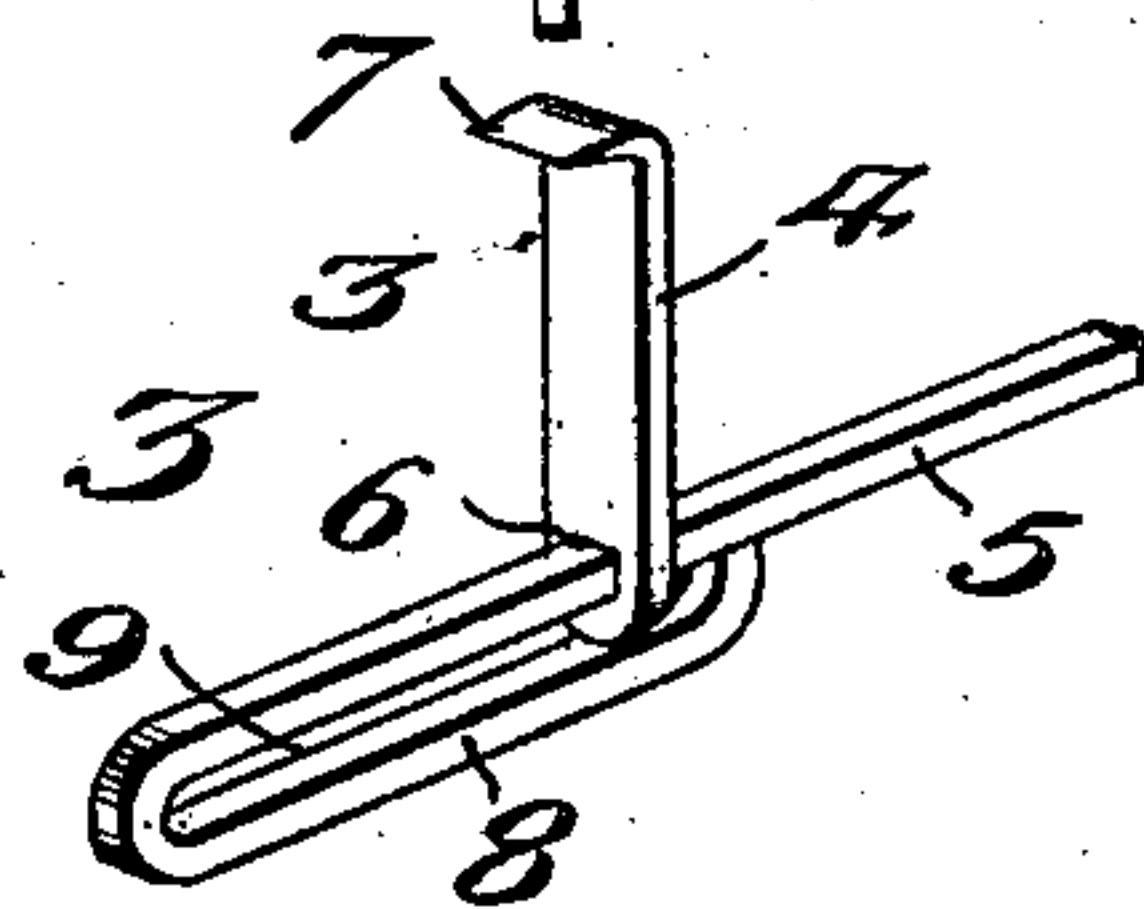


Fig. 3.



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DOOR-SECURER.

No. 844,191.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CHARLES SCHEER, a citizen of the United States, residing at Silver-
5 verton, in the county of San Juan and State of Colorado, have invented new and useful Improvements in Door-Securers, of which the following is a specification.

This invention relates to door-securers, and has for its objects to produce a simple inex-
10 pensive device of this character which may be readily carried in the pocket of the operator and conveniently applied for securing a door in closed position.

With these and other objects in view the
15 invention comprises the novel features of construction and combination of parts more fully hereinafter described.

In the accompanying drawings, Figure 1 is a plan view of a securer embodying the in-
20 vention and showing the same applied in position for locking a door. Fig. 2 is a similar view showing the locking-bar in inactive position. Fig. 3 is a perspective view of the securer.

Referring to the drawings, 1 designates a door, and 2 its casing, these parts, which are conventionally shown herein, being of the usual construction and material and designed to perform their ordinary functions.

For locking the door in closed position I employ a securer 3, comprising as a whole an engaging piece or bar 4 and a relatively movable locking piece or bolt 5, arranged for movement in a square or other non-circular opening 6, provided at one end of the retaining-bar 4, the other end of which terminates in a transversely projecting sharpened engaging portion or tooth 7. The locking-bolt 5, which is formed from a single length of bar
40 metal or other suitable material, is folded backward upon itself at one end, as at 8, the returned portion of the bolt being spaced from the main portion of the latter and angularly bent at its inner end into contact with
45 the body of the bolt to produce an elongated open loop or link 9, which receives the adjacent end of the retaining-bar 4 for permanently connecting the locking-bar therewith, the bar 5 being of cross-sectional form corresponding to the shape of the opening 6 and
50 for non-rotation in the latter.

In using the device the retaining-piece 4 is

introduced between the edge of the door and its casing 2, with the sharpened portion 7 disposed toward the latter, into which it will be
55 forcibly embedded by the action of the door, as seen in Figs. 1 and 2, after which the locking-bar 5 is turned from the position shown in the latter figure to that illustrated in Fig. 1, thus to extend across the door 1 and lock
60 the same in closed condition. When it is desired to open the door, the locking-bar 5 is turned to the position seen in Fig. 2, whereupon the door may be readily opened and the retaining-bar 4 moved from engagement
65 with the casing 2, as will be readily understood. It is to be particularly noted that owing to the bar 5 and link 9 being formed in a single piece the cost of production of the device will be reduced to a minimum, while
70 at the same time the parts of the securer will be firmly connected and ready manipulation of the locking-bar permitted. When the device is not in use, the retaining-piece 4 may be folded on the locking-bar 5 to permit of
75 the device being conveniently carried in the pocket of a garment, it being observed that when thus folded the retaining member 4 will be maintained in proper alinement with the bar 5, owing to the latter and opening 6
80 being of non-circular form to prevent rotation of the bar 5 within the opening, and, further, that the retaining member will be held in folded position, owing to engagement of the end 7 thereof with the end of the bar 5. 85

From the foregoing it is apparent that I produce a simple device admirably adapted for the attainment of the ends in view, it being understood that in attaining these ends minor changes in the details herein set forth
90 may be resorted to without departing from the spirit of the invention.

Having thus described my invention, what I claim is—

A door-securer comprising as a whole a re-
95 taining-bar and a locking-bar, said retaining-bar consisting of a length of strap metal provided adjacent one end with a lateral non-circular opening having the locking-bar fitted for sliding movement therein, the other end
100 of the retaining-bar being bent at right angles to the plane of its flattened faces and sharpened to form an engaging portion, said locking-bar consisting of a length of bar

metal having a portion thereof folded backward upon itself, an elongated link for permanently and movably connecting the locking-bar with the retaining-bar, the locking-
5 bar being of non-circular cross-sectional form corresponding to the shape of the opening and for non-rotation in the latter.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES SCHEER.

Witnesses:

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WILLIAM A. WAY