June 22, 1926. 1,590,133

W. Y. TENNYSON

DOORLOCK

Filed July 20, 1923

Fig. 1.

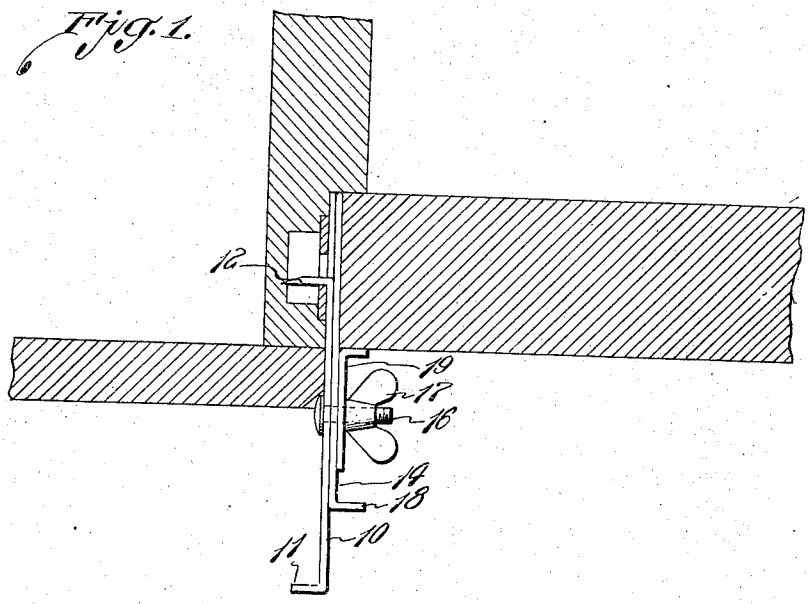



Fig. 2.

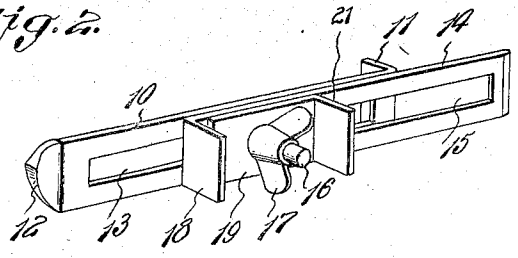
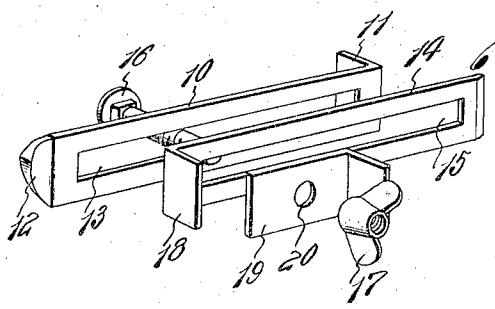



Fig. 3.




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# UNITED STATES PATENT OFFICE.

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## DOORLOCK.

Application filed July 20, 1923. Serial No. 652,816.

This invention has for its object the provision of an inside door lock, being in the nature of an article of manufacture which can be carried on the person of the user, and quickly and conveniently associated with the door and the jamb therefor in a manner to positively prevent the door from being opened from the outside, the invention being primarily intended for use by traveling salesmen, and other transients.

The nature and advantages of the invention will be better understood when the following detailed description is read in connection with the accompanying drawings, the invention residing in the construction, combination and arrangement of parts as claimed.

In the drawing forming part of this application, like numerals of reference indicate similar parts in the several views, and wherein:

Figure 1 is a sectional view through a door and jamb showing the manner of using the invention.

Figure 2 is a detail view of the device removed from the door.

Figure 3 is a view of the component part of the device separated.

Referring to the drawing in detail, 10 indicates an elongated plate, the opposed ends of which are offset to provide substantially parallel flanges 11 and 12 respectively. The flange 11 extends across the entire width of the plate 10, while the flange 12 is preferably pointed or substantially V-shaped as shown. This plate is provided with a longitudinal slot 13, and is substantially of the same length as the plate 14 which is also longitudinally slotted as at 15. These plates are held operatively associated by means of a headed bolt 16 which is equipped with a winged nut 17. The plate 14 has one end offset to provide a flange 18 for a purpose to be hereinafter described. A relatively short plate 19 is provided with an opening 20 to receive the bolt 16, and is arranged between the plate 18 and the winged nut 17. All of these plates are so connected that they can be moved relatively in either a longitudinal plane or a transverse plane so that the plates can be arranged in different positions for use.

In practice, when it is desired to lock the door from the inside, the plate 10 is positioned against the door jamb at a right angle thereto, with either the flange 11 or the flange 12 arranged in the keeper secured to the door jamb as shown in Figure 1. The pointed flange 12 is preferably used because if the opening in the keeper is not deep enough to wholly receive the flange, the said pointed flange 12 can be slightly forced or driven into the door jamb to provide an effective connection between the plate 10 and said jamb. The door A is then swung to a closed position with the plate 10 positioned between the door and jamb therefor. The plate 14 is then driven between the door and the jamb as far as it can be so moved, it being understood that the flange 21 of the short plate 19 is arranged to bear against the inside of the door. After the parts have been thus positioned, the thumb nut 17 is tightened to hold the parts fixed relatively. The door cannot then be opened from the outside, inasmuch as it is necessary to first loosen the thumb nut before the door can be released or moved to an open position. Should it happen that there is not enough space between the door jamb and the free end of the door when the latter is closed to accommodate the plate 14, the latter can be reversed so as to present the flange 18 of said plate to bear against the inside of the door, cooperating with the short plate 19 to prevent the door from being opened after the thumb nut has been tightened. The invention is very simple in construction, and can be manufactured and sold at a very nominal cost.

While it is believed that from the foregoing description, the nature and advantages of the invention will be readily apparent, I desire to have it understood that I do not limit myself to what is herein shown and described and that such changes may be resorted to when desired as fall within the scope of what is claimed.

Having thus described the invention, I claim:

A device for locking a door from the inside, comprising two parallel plates of substantially the same length, and longitudinally slotted, flanges projecting at right-angles from the opposite ends of one plate and lying parallel to each other, one of said flanges being adapted to be received by the door bolt receiving an opening formed in the jam of a door, a right-angle flange formed on one end of the other plate, said plate being movable between the door and jam therefor when the door is closed and be-

ing independent of any movement of the first mentioned plate, a headed bolt passed through the aligned slots or said plate, a wing nut mounted on said bolt, and a comparatively short plate carried by said bolt and terminating to provide a flange adapted to bear against the inner side of the door when the component parts of the device have been finally adjusted, said other plate being capable of being arranged in a position where its flange will over-lie the flange of the first plate and cross with the latter to hold the door against movement when said other plate may not be arranged between the door and the jam.

In testimony whereof I affix my signature.

WILLIAM Y. TENNYSON.