

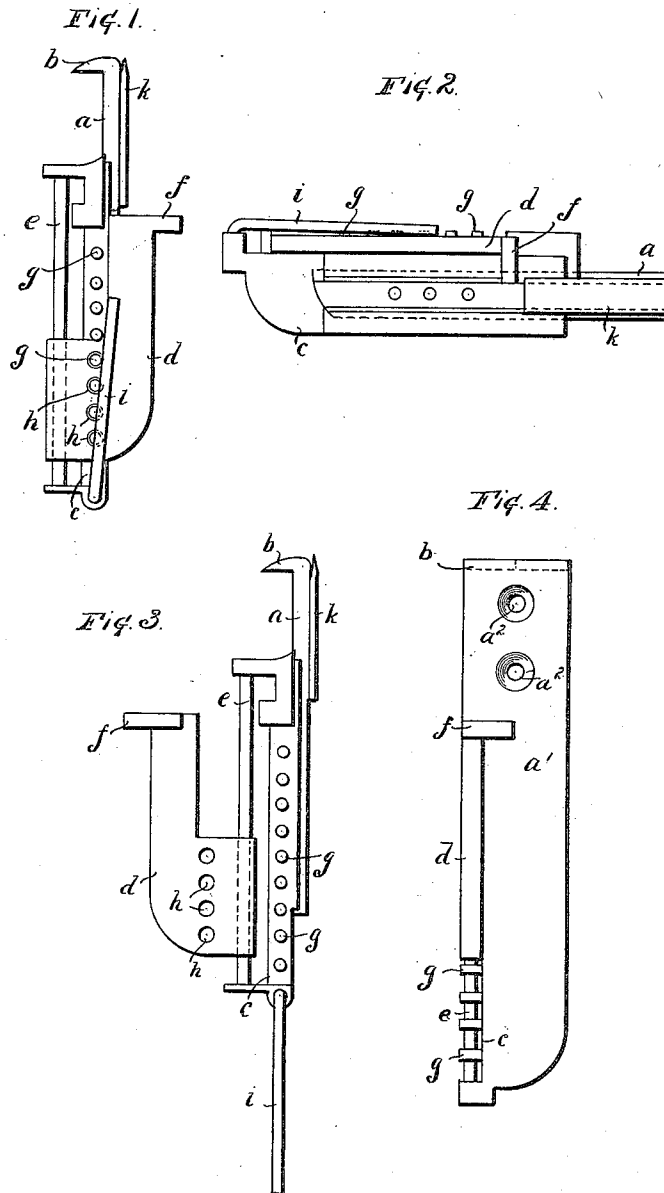
F. W. MILLIS & A. CARLTON.

DOOR SECURER.

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934,558.

Patented Sept. 21, 1909.



Witnesses

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UNITED STATES PATENT OFFICE.

FREDERIC WILLIAM MILLIS, OF TEDDINGTON, AND ARTHUR CARLTON, OF CLAPHAM JUNCTION, LONDON, ENGLAND.

DOOR-SECURER.

934,558.

Specification of Letters Patent. **Patented Sept. 21, 1909.**

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To all whom it may concern:

Be it known that we, FREDERIC WILLIAM MILLIS and ARTHUR CARLTON, subjects of the King of Great Britain and Ireland, residing at Wattle Bloom, Broomwater West, Teddington, Middlesex, and 30 Aldwal road, Clapham Junction, in the county of London, England, respectively, have invented certain new and useful Improvements in Door-
10 Securers, of which the following is a specification.

This invention relates to devices, which may be conveniently carried about by travelers and others or permanently fixed, providing a simple and effective means of securing
15 a door when closed, against opening from the outside by unauthorized persons, and refers particularly to the class of device which consists of a toothed or claw like projecting portion inserted between the edge of the
20 door jamb or post, and a stop piece brought into position immediately behind the edge of the door when closed in order to prevent the door being opened until such stop piece is
25 withdrawn by the occupier of the room.

In order that our invention may be more clearly understood, reference is had to the accompanying drawings in which:—

Figure 1 is a plan of the device constructed
30 in accordance with our invention, shown with the stop in acting position; Fig. 2 is a side elevation of the same; Fig. 3 is a plan of the device with the stop piece turned back to permit the door to be opened; and Fig. 4
35 shows a modification suitable for permanent fixture to a door.

The sliding piece or bar *a* is made with a projecting spur or tooth *b* at the end. This bar *a* is made to slide in a dovetailed groove
40 in the base *c* so as to collapse against it to reduce the length of the device and facilitate carrying. Where this is not required and the article is kept in the room or fixed to the door the bar *a* may be a fixture in the base *c*,
45 or, as shown in elevation in Fig. 4, the bar and base may be in one piece *a*¹ and screwed to the door by means of holes *a*². In this

case the bar *a* is placed against the door jamb or post with the projecting spur or tooth *b* against it. The door is then closed and the
50 tooth *b* is embedded in the wood of the door post. Suitably hinged to the block *c* is the sliding stop piece *d* which is turned back, as shown in Fig. 3, when the device is being fixed in position, but is turned over on its
55 hinge *e*, as in Figs. 1 and 2, when the door is closed, and its end *f* then lies immediately behind the edge of the door and prevents opening. The position of the stop piece is adjusted according to the thickness of the
60 door, by sliding it upon its hinge pin *e* and when turned over into securing position it is retained by means of the row of studs *g* on the base *c*. The stop *d* is provided with corresponding holes *h* fitting over a number of
65 the studs *g* and after adjustment an arm *i* pivoted at the end of the base *c* may be sprung over the stop to hold it on the studs. When found necessary an additional wedge
70 piece *k* may be fixed by pins or otherwise to the bar *a* to fill the space between the edge of the door and the door post.

This device can be secured in place with great facility and adjusted to allow for doors which may be badly warped or out of position. To remove it from the inside all that
75 is necessary is to turn back the locking arm *i* and then turn over the stop *d* into the position shown in Fig. 3.

The device is shown in Fig. 1 in position
80 for securing a door closing to the left. Should the door close to the right the device is turned over and the arm *i* then holds up the stop *d*.

What we claim as our invention and desire
85 to secure by Letters Patent is:—

1. In means for securing doors in closed position, a base bar mounted on the door jamb, a long pivot pin on the base, a stop
90 piece sliding and swinging on the pivot pin and adapted to swing behind the edge of the door, and means for locking the hinged stop in position.

2. A device for securing doors in closed

position, comprising a base bar mounted on the door jamb, a long pivot pin on the base, a perforated swinging and sliding door stop on the said pin, and a series of studs on the
5 base engaging the perforated stop to hold it in securing position.

3. A device for securing doors in closed position, comprising a base bar mounted on the door jamb, a row of studs on the base, a
10 perforated swinging and sliding stop on the base and a hinged arm turning over the stop and holding it on the said studs.

In witness whereof we have hereunto set our hands in the presence of witnesses.

FREDERIC WILLIAM MILLIS.

ARTHUR CARLTON.

Witnesses to the signature of Frederic William Millis:

FRANK WILLIAM PATTISON,

GEORGE FREDRIC RAYNER.

Witnesses to the signature of Arthur Carlton:

JACK WALKER,

WILLIAM H. NIXON.