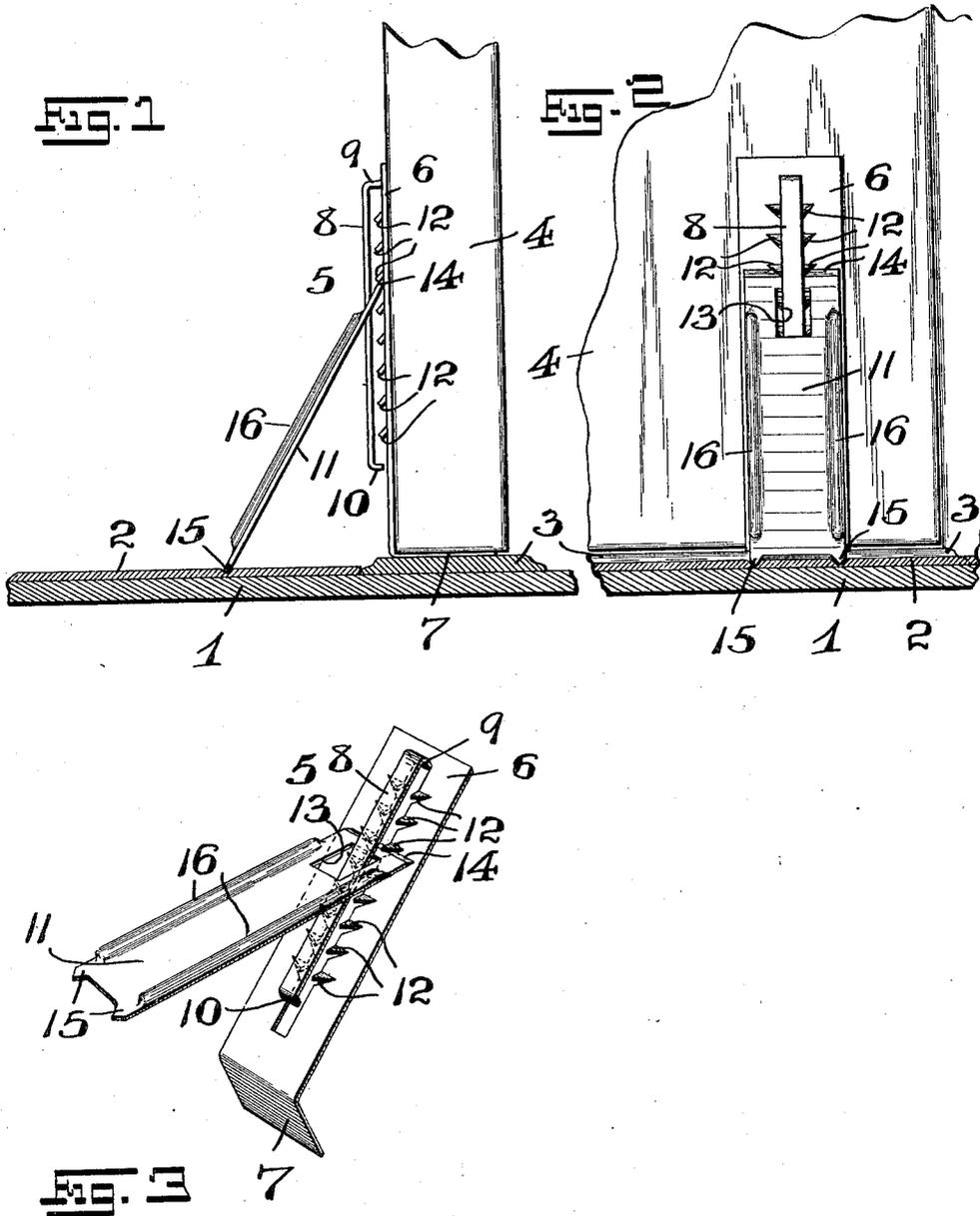


E. B. BRADY.
 LOCKING DEVICE FOR DOORS.
 APPLICATION FILED AUG. 16, 1911.

1,032,585.

Patented July 16, 1912.



WITNESSES:
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UNITED STATES PATENT OFFICE.

EDWIN B. BRADY, OF NEW YORK, N. Y.

LOCKING DEVICE FOR DOORS.

1,032,585.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, EDWIN B. BRADY, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Locking Devices for Doors; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to characters of reference marked thereon, which form a part of this specification.

The present invention has reference, generally, to improvements in locking devices for doors and the like; and the invention relates, more particularly, to a novel construction of portable door-locking device.

The present invention has for its principal object to provide a simple, cheap and easily applied door locking device, which may be carried from place to place and easily affixed in operative locking relation to any door, to provide a temporary but effective means for locking or holding the door against forcible opening. To this end the novel locking device affords a protection against thieves, or others, seeking to enter a room, or other place, through the door, and at the same time being of a light and easily operated construction, the said locking device may be easily carried from place to place, and arranged in operative connection with any door, without cutting or otherwise marring the said door. It is frequently found that the ordinary locks and bolts of the room doors of hotels and boarding houses are out of order, and are of such construction that the same may be easily picked or forced open, in such cases the application of the novel door locking device, embodying the principles of my present invention, to the door renders the same secure, and affords the inmate of the room proper security, privacy and protection.

Other objects of the present invention not at this time more particularly enumerated, will be clearly understood from the following detailed description of the present invention.

With the various objects of this invention in view, the same consists, primarily, in the novel construction of portable door-locking device hereinafter set forth; and, further-

more, this invention consists in the novel arrangements and combinations of the various devices and their parts, as well as in the details of the construction thereof, all of which will be hereinafter more fully described in the following specification, and then finally embodied in the clauses of the claim which are appended to and which form an essential part of this specification.

The invention is clearly illustrated in the accompanying drawings, in which:—

Figure 1 is a side elevation of the novel portable door locking device, arranged in its operative connection with a door; and Fig. 2 is a front elevation of the same. Fig. 3 is a perspective view of said novel portable door-locking device removed from the door.

Similar characters of reference are employed in all of the hereinabove described views to indicate corresponding parts.

Referring now to the said drawings, the reference-character 1 indicates the flooring of a room or other place, 2 the floor-covering, 3 the door-sill, and 4 a portion of the door which swings above said door-sill.

The reference-character 5 indicates the complete portable door locking device made according to and embodying the principles of my present invention, the same comprising a main body or plate 6 adapted to rest against the inner surface of said door 4, said main body or plate having a foot-piece 7 which extends forwardly from the lower end of said main body or plate 6, and at right angles thereto, said foot-piece 7 being adapted to extend beneath the door 4 in the space between the lower end of said door and the door-sill 3, thus holding said main body or plate 6 from riding upwardly, and thereby retaining the same in its operative relation to said door 4. Said main-body or plate 6 is provided with a longitudinally extending guide-strap 8, the same being struck out of the body of said main-body or plate 6, and connected therewith at its upper end. Said guide-strap 8 is bent outwardly, as at 9, so that the main portion of said guide-strap extends downwardly and parallel of said main body or plate 6 and raised above its surface. The lower end 10 of said guide-strap is turned inwardly with the end spaced slightly away from the surface of said main-body or plate 6, so as to form an opening whereby a brace-plate 11 may be caused to operatively engage said guide-strap and thereby assume its proper relation with said

main-body or plate 6. Said main body or plate 6 is provided with a series of pairs of tongues or lugs 12 struck up out of the said main-body or plate 6, and located in alignment with said guide-strap 8. Said brace-plate 11 is provided adjacent to its upper end with an opening 13 adapted to permit the passage therethrough of said guide-strap 8, thus providing an adjustable connection between said main-body or plate 6 and said brace-plate 11. The upper end of said brace-plate is provided with a beveled portion 14 which may be brought in operative engagement with any one of said pairs of tongues or lugs 12. The lower end of said brace-plate 11 is provided, preferably, with a plurality of engaging points or prongs 15 which engage the floor or floor covering, when said brace-plate is arranged in locking position in connection with said main-body or plate 6 and the door 4. In order to strengthen and stiffen said brace-plate 11 the same may be provided with longitudinally extending ribs or beads 16.

The operation of said door locking-device in holding the door in its locked position will be clearly understood from an inspection of Figs. 1 and 2 of the accompanying drawings, without the necessity of further description. It will be apparent, however, that the bracing relation of said brace-plate 11, in its connection with said main-body or plate 6, may be adjusted according to the height of the door and door-sill from the floor-level by causing the beveled portion of said brace-plate to engage a selected pair of said lugs or tongues 12, so as to cause the brace-plate to assume the desired pitch or slant best adapted to firmly brace and hold the door against any opening movement.

I am aware that some changes may be made in the general arrangements and combinations of the devices and parts, as well as in the details of the construction of the same, without departing from the scope of the present invention, as set forth in the

foregoing specification, and as defined in the claims appended thereto. Hence, I do not limit my invention to the exact arrangements and combinations of the devices and parts as described in said specification, nor do I confine myself to the exact details of the construction of the said parts as illustrated in the accompanying drawings.

I claim:—

1. A portable door locking device comprising a main-body or plate, a forwardly extending foot-piece connected with said main-body or plate, a guide-strap connected with said main-body or plate, a plurality of tongues or lugs connected with said main-body or plate, and a brace-plate provided with an opening adjacent to its upper end for connecting the same upon said guide-strap, said brace-plate being adapted to be engaged at its upper end by said tongues or lugs.

2. A portable door locking device comprising a main-body or plate, a forwardly extending foot-piece connected therewith, a guide-strap struck up out of said main-body or plate and extending longitudinally thereof and above the surface thereof, a plurality of pairs of tongues or lugs struck outwardly from said main-body or plate beneath said guide-strap, a brace-plate provided adjacent to its upper end with an opening adapted to receive said guide-strap, a beveled portion at the upper end of said brace-plate adapted to be brought in engagement with any one of said pairs of tongues or lugs, stiffening beads connected with said brace-plate, and a plurality of floor engaging points at the lower end of said brace-plate.

In testimony, that I claim the invention set forth above I have hereunto set my hand this 11th day of August, 1911.

EDWIN B. BRADY.

Witnesses:

GEORGE D. RICHARDS,
MAYBELLE McADOO.