N. W. REID.

DOOR FASTENER.

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936,164

Patented Oct. 5, 1909.

Fig. 1.

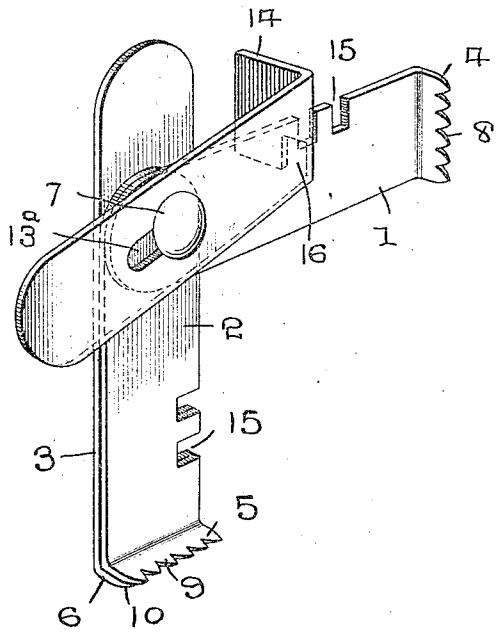
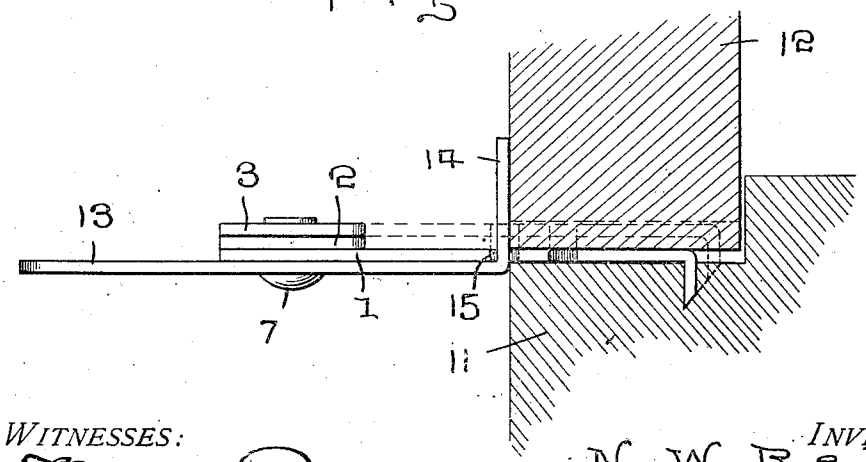


Fig. 2.



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DOOR-FASTENER.

936,164. Specification of Letters Patent. Patented Oct. 5, 1909.

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To all whom it may concern:

Be it known that I, NATHAN WILLIAMES REID, a citizen of the United States, residing at Roundaway, in the county of Coahoma and State of Mississippi, have invented certain new and useful Improvements in Door-Fasteners; 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.

My invention relates to new and useful improvements in door fasteners and my object is to provide means for securely holding a door in its closed position and a further object is to provide means for increasing the thickness of the fastening device to accommodate the same to doors varying in distances from the face of the door jamb.

Other objects and advantages will be hereinafter referred to and more particularly pointed out in the claim.

In the accompanying drawings forming part of this application, Figure 1 is a perspective view of the door fastener, and, Fig. 2 is a plan view of the fastener applied to use, the door and jamb being shown in sections.

Referring to the drawings in which similar reference numerals designate corresponding parts throughout the several views, 1, 2 and 3 indicate the plates of my improved door fastener, which are preferably constructed of flat sections of metal, one end of each of the blades being bent at right angles to form anchors 4, 5 and 6, respectively, the opposite ends of said blades being pivotally secured together in any preferred manner, as by means of a bolt 7, the blade 2 being slightly greater in length than the blade 1 and the blade 3 slightly greater in length than the blade 2, whereby said blades may be swung one above the other.

The anchors 4, 5 and 6, are provided with teeth 8, 9 and 10, respectively, which teeth are adapted to engage the face of the door jamb 11 when the door 12 is closed, the action of closing the door, forcing the anchors on the plates into the jamb.

The fastening device is provided with a locking plate 13, which is pivotally mounted on the bolt 7 and is provided at this point with an elongated slot 13^a to permit longitudinal adjustment of the plate, one end of the locking plate having an angular extension 14, which is adapted to extend over the face of the door when the lock is properly applied to use and in order to adapt the fastening device for doors of varying thicknesses, one edge of each blade is provided with a plurality of registering notches 15, in which is adapted to be seated the angular extension 14, said angular extension also having in one of its edges a notch 16, which notch coöperates with the notches in the plates and in view of the elongated slot in the locking plate, the angular extension may be seated in any of the notches in the plates to bring the extension adjacent the face of the door, thus accommodating the fastener for doors of varying thicknesses.

In applying the fastener to use, any one of the blades may be swung at right angles to the other blades and the anchor thereon engaged with the door jamb and said door then closed, which will result in forcing the anchor inwardly and firmly seating the same in the jamb.

The plate 13 is then swung on its pivot and the notch therein engaged with one of the notches in the blade engaged with the jamb, this operation bringing the angular extension into engagement with the inner face of the door, thereby securely holding the door against being forced or otherwise opened until such time as the locking plate is swung out of engagement with the notches in the plate.

Should the edge of the door extend a distance from the face of the jamb as shown by dotted lines in Fig. 2, all of the blades may be brought into alinement with each other and placed in engagement with the jamb, thus filling the space between the edge of the door and jamb.

The locking plate 13 is of sufficient length as to have its free end extend a distance beyond the bolt 7, thus forming a handle, whereby the blade may be readily grasped and swung on its pivot to engage or disengage the same from the blades and when the device is not in use, the parts thereof may be folded together so as to occupy but a minimum amount of space.

What I claim is:

A fastening device comprising a plurality of blades pivotally attached adjacent one

of their ends and having anchors at their opposite ends, said blades having registering notches therein, a locking plate having a slot therein to engage the pivoting means and an angular extension at one end of said plate, having a notch therein adapted to engage the notches in the blades.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

NATHAN WILLIAMES REID.

Witnesses:

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