Aug. 5, 1941. S. H. LOWE 2,251,592

DOOR CATCH EXTENSION

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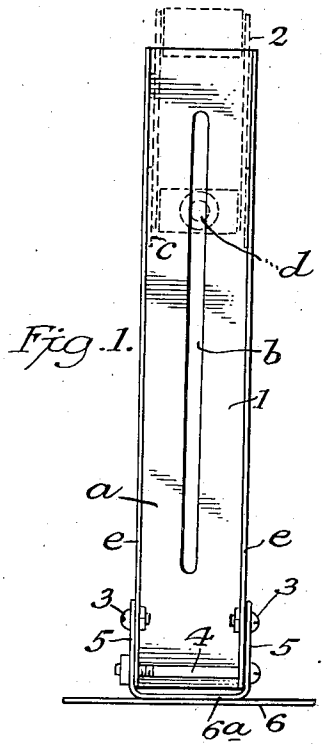


Fig. 1.

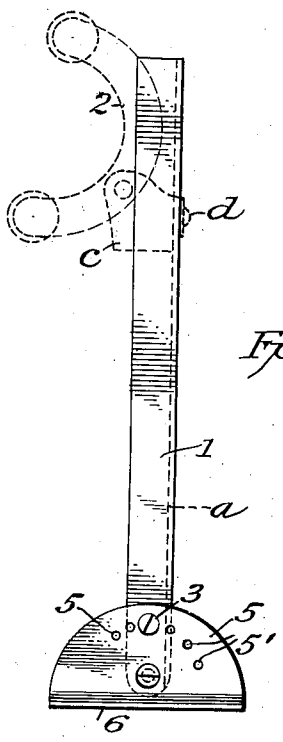


Fig. 2.

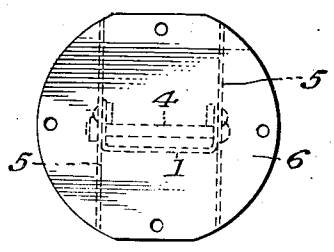


Fig. 3.

INVENTOR.
Samuel Henry Lowe,
BY Frank A. Ahlemann
Attorney.

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DOOR CATCH EXTENSION

Samuel Henry Lowe, Ponzer, N. C.

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2 Claims. (Cl. 248—286)

This invention relates to a bracket or device for holding doors in open positions, and the said invention is associated with anchoring means or a base which may be attached to a wall or other stationary support, the said base having an arm swingingly supported thereby and capable of being moved in a vertical plane, or when the base is set in another position the said arm can be moved to different angular positions in a horizontal plane.

It is an object of the invention to provide a support for a door engaging instrumentality which will engage the door and retain it against movement while the parts are in operative positions.

It is a further object of the invention to provide a base, a swinging arm and a support for the swinging arm attached to or forming a part of the base; and a further object of the invention is to provide an arm in which the door engaging instrumentality may be located at different positions longitudinally of the arm, means being provided for holding the door engaging instrumentality in the said position of adjustment.

It is a still further object of the invention to provide a door catch support or holder comprising comparatively few inexpensive parts which are efficient and satisfactory in use.

With the foregoing and other objects in view, the invention consists in the details of construction, and in the arrangement and combination of parts to be hereinafter more fully set forth and claimed.

In describing the invention in detail, reference will be had to the accompanying drawing forming part of this application, wherein like characters denote corresponding parts in the several views, and in which—

Figure 1 illustrates a horizontal sectional view of the entire door catch extension, the door catch itself being shown in dotted lines;

Figure 2 illustrates a plan view of the door catch support as attached to a wall behind a door; and

Figure 3 illustrates a bottom plan view of the base showing parts associated therewith in dotted lines.

In the drawing 1 denotes an arm which is intended to support the door latch 2, which is of known construction and need not therefore be described in detail except to say that the said latch is associated with a bracket slidably adjustable on the arm 1. The said arm 1 comprises a channel member, the web *a* of which has a longitudinally disposed slot *b*, in which the bracket *c* of the door latch is adjustable and it is held in different positions of adjustment by suitable fastenings *d* such as a bolt or the like. Fastening means such as bolts 3 extend through coinciding apertures of the flanges *e* of the arm and the segmental cheeks 5 of the base 6, it being shown that the cheeks 5 are integral with a portion 6*a* attached to the base 6 in known manner. The cheeks have a plurality of apertures 5′ arranged in an arc of a circle concentric with the edges of the cheeks. The flanges are pivotally mounted on a bolt 4 extending through the cheeks and the said flanges so that the arm 1 may oscillate with respect to the base and, as stated, be secured in different positions of adjustment by the bolt 3 passing through apertures of the flanges and any one of the apertures 5′ of the cheeks.

It will be apparent from the foregoing description that when the base is secured to a fixed object the arm 1 may swing on the pivot so that the door latch will be properly adjusted with relation to a door it is intended to engage and retain, and that the said arm has a wide range of adjustment either in a horizontal or vertical plane, according to the manner in which the base is positioned and secured.

I claim:

1. In a door holder, a base adapted to be anchored in proximity to a swinging door, a pair of flanges upstanding from said base in spaced apart relation, said flanges each having a plurality of apertures disposed in alinement with each other, an arm comprising a channel member pivotally mounted between said upstanding flanges, each flange of said channel member having an aperture adapted to selectively register with any of the alined apertures of the upstanding flange members, fastening means extending through the apertures of the channel member and the selected alined apertures of the upstanding flanges for securing the arm at different positions of adjustment, and a support for a door engaging member disposed between the flanges of the channel member for longitudinal movement therebetween.

2. In a door holder, a base, a plate-like member secured to the base and having a pair of spaced apart arcuate cheek members, said cheek members each having a plurality of apertures concentrically arranged thereon and in alinement with each other, a flanged member forming an arm pivotally mounted between said cheek members by a fastening member extending through the cheek members and the flanged

member, said flanged member having apertures adapted to register with a selected alined pair of apertures of the cheek members, fastening means adapted to extend through said flanged member apertures and selected cheek apertures for holding said flanged member at different positions of adjustment, the web of said flanged member having a longitudinally disposed slot, a door engaging support adjustably mounted between the flanges of said flanged member, and means associated with said slot and flanged member to retain said support in a selected position of adjustment.

SAMUEL HENRY LOWE.