Nov. 1, 1949 R. A. WUERL 2,486,772

ADJUSTABLE STRIKER PLATE FOR DOORS

Filed June 3, 1948

Fig. 1.

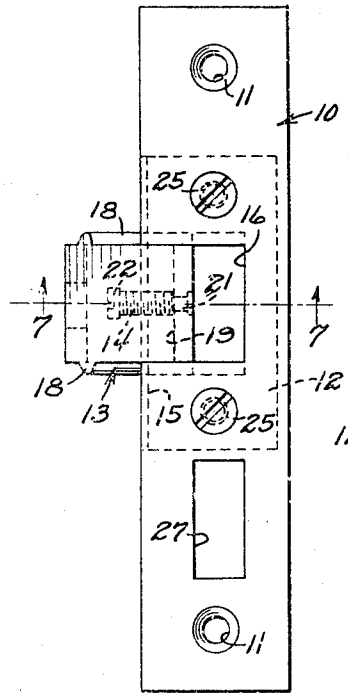


Fig. 2.

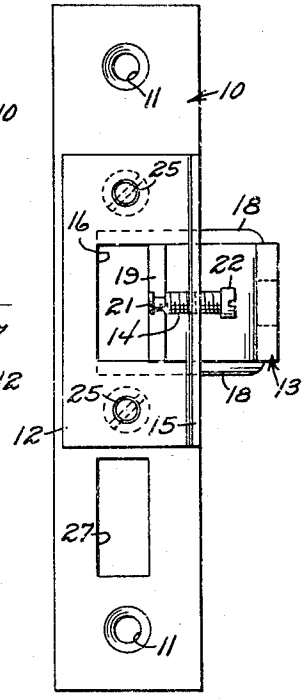


Fig. 3.

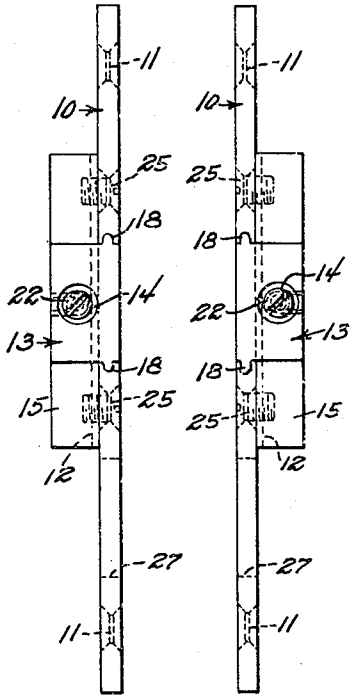


Fig. 4.

Fig. 5.

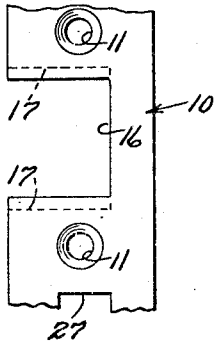


Fig. 6.

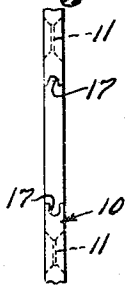
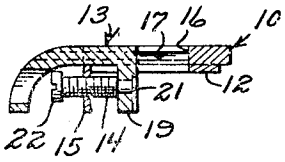


Fig. 7.



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ADJUSTABLE STRIKER PLATE FOR DOORS

Rudolph A. Wuerl, Butte, Mont.

Application June 3, 1948, Serial No. 30,866

1 Claim. (Cl. 292—341.18)

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This invention relates to an adjustable striker plate for doors.

It is an object of the present invention to provide an adjustable and reversible striker plate for use with doors whereby to eliminate and take up any play or rattle that occurs after a period of time in a door and whereby upon the plate being reversible, the same may be adapted for doors swinging from either the right or left side of the door opening and whereby to eliminate the necessity for having to cut the door jam or alter it in any way different from that by which it was originally.

Other objects of the present invention are to provide an adjustable and reversible striker plate for doors which is of simple construction, inexpensive to manufacture, easy to adjust or reverse and efficient in operation.

For other objects and for a better understanding of the invention, reference may be had to the following detailed description taken in connection with the accompanying drawing, in which

Fig. 1 is a plan view looking upon one side of the striker plate and the adjustable striker thereon.

Fig. 2 is a plan view looking upon the reverse side of the striker plate and upon the adjustable striker thereon.

Fig. 3 is a side elevational view of the plate and the striker.

Fig. 4 is a side elevational view of the striker plate with the adjustable striker device mounted on the opposite side of the plate.

Fig. 5 is a fragmentary plan view of the plate with the adjustable striker removed therefrom.

Fig. 6 is an end elevational view of the plate looking into the opening into which the striker may be extended.

Fig. 7 is a transverse sectional view taken on line 7—7 of Fig. 1 and showing the striker.

Referring now to the figures, 10 represents a striker plate having a plurality of countersunk openings 11 adapted to receive screws for securing the plate to the door. The openings 11 are countersunk on the opposite faces of the plate whereby the plate may be reversed. Adapted to be secured to the plate at either side thereof is a plate 12 in which the striker element 13 is connected by an adjusting screw 14 which is adjustable in a depending flange 15 thereof.

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The plate 10 has a slot 16 on one side of the same and in the edges of the slot are grooves 17 for receiving beads 18 of the striker 13. The striker 13 has a depending projection 19 in which the screw 14 is journalled as indicated at 21. The screw 14 has a head 22 which is accessible through an opening. The plate 12 is secured to either face of the plate 10 by screws 25. The usual elongated opening 27 is provided for the lock bolt.

By turning the screw 14, the striker element 13 can be adjusted to the desired position to best receive the latch on the door.

While various changes may be made in the detail construction, it shall be understood that such changes shall be within the spirit and scope of the present invention as defined by the appended claim.

I claim:

In combination, a striker plate having an opening in one side of the same, a striker element adjustable in the opening of the plate, a member adapted to be connected to the plate and having a depending portion, an adjusting screw adjustable through the depending portion, said striker element having a depending portion receiving said adjusting screw, grooves disposed respectively in the opposite sides o fthe opening, said striker element having beads adapted to extend into the grooves whereby the striker element will be retained against displacement from the top or bottom of the plate, said striker element being curved to provide a wear surface, and an opening in the curved part of the striker element whereby access can be had to the adjusting screw.

RUDOLPH A. WUERL.

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