

S. KOZLOWSKI.
 KEEPER PLATE FOR DOOR LOCKS.
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964,789.

Patented July 19, 1910.

Fig. 1

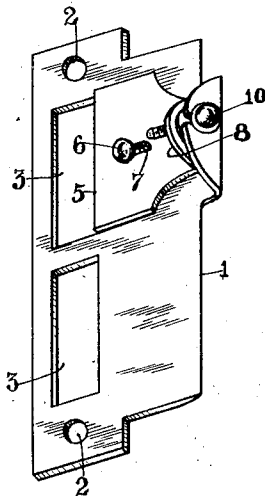


Fig. 2

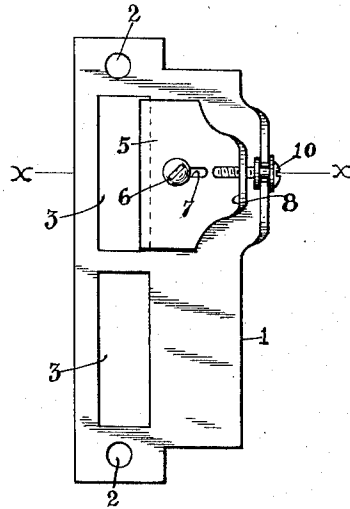
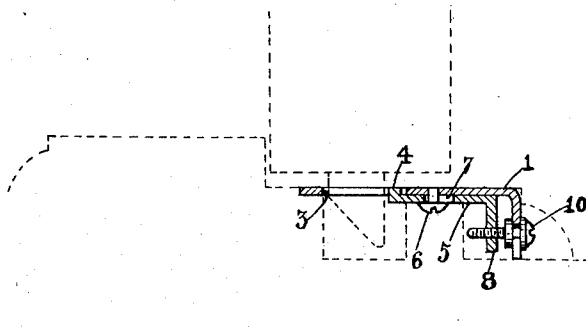


Fig. 3



Witnesses

A. M. Shannon.
 E. E. McBrann

Inventor

SYLVESTER KOZLOWSKI

By Barthel & Barthel

Attorneys

UNITED STATES PATENT OFFICE.

SYLVESTER KOZLOWSKI, OF DETROIT, MICHIGAN.

KEEPER-PLATE FOR DOOR-LOCKS.

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To all whom it may concern:

Be it known that I, SYLVESTER KOZLOWSKI, a citizen of the United States of America, residing at Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Keeper-Plates for Door-Locks, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to door locks and latches and more particularly to the keeper plate thereof which is secured to the frame of the door to engage the locking bolts or latches.

The object of the invention is to provide the keeper plate with simple and convenient means to take up any loose play due to shrinking of doors or door casings and prevent the rattling thereof.

To this end the invention consists in an adjusting device applied to the keeper plate so that if the knob latch should have a loose play in the keeper this looseness may be readily taken up without interfering with the keeper plate all as more fully hereinafter described and shown in the accompanying drawings, in which,

Figure 1 is a perspective view of the keeper plate embodying my invention, the view showing the rear side of the plate; Fig. 2 is an elevation of the rear side of the keeper plate; and Fig. 3 is a cross section on line $x-x$, Fig. 2 showing by dotted lines its position in the door frame.

The device consists of the stationary keeper plate 1 provided in its respective ends with the screw holes 2 for the insertion of the usual screws in securing the same to the door frame. The keeper plate has the usual slot opening 3 for the reception of the knob latch except that the opening is made a little wider in its horizontal dimension to afford additional room for the inturned lip 4 formed at the front end of an adjusting

plate 5 which is slidably secured to the rear side of the lock strike of the keeper plate by means of a screw or headed pin 6 which passes through a slot 7 in the adjusting plate.

The adjusting plate 5 is provided with an offset forming an ear 8 and a corresponding offset or ear is provided on the front edge of the strike of the keeper plate and through these ears passes an adjusting screw 10 in such manner that by turning the screw, the adjusting plate 5 can be moved in relation to the keeper plate.

As shown in Fig. 3 the inner end of the adjusting plate with the lip 4 which guides the plates in the opening, positions the knob latch therein and thus if by shrinkage or otherwise the knob latch should have a loose play therein, it can be readily taken up by means of the adjusting screw which is exposed and readily accessible allowing the adjustment to be made accurately and quickly while the door is closed.

My device thus accomplishes the object of the invention in a very simple manner and does away with the trouble of resetting the keeper plate which requires particular skill.

What I claim as my invention is:—

The combination with a keeper plate of a door latch or lock having a latch strike extending out in front beyond the portion covered by the edge of the door, of a plate horizontally adjustably secured to the back of said latch strike and having its rear edge formed with a vertical off-set projecting into the latch opening and forming the front wall of said opening.

In testimony whereof I affix my signature in presence of two witnesses.

SYLVESTER KOZLOWSKI.

Witnesses:

ANNA M. DORR,
ANNA M. SHANNON.