No. 633,918. Patented Sept. 26, 1899.

J. S. SMITH.

LOCK STRIKE.

(Application filed Mar. 17, 1899.)

(No Model.)

Fig. 1.

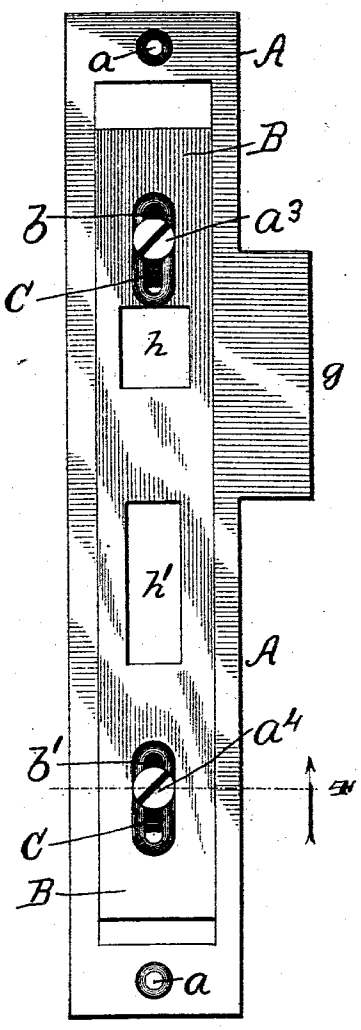


Fig. 2.

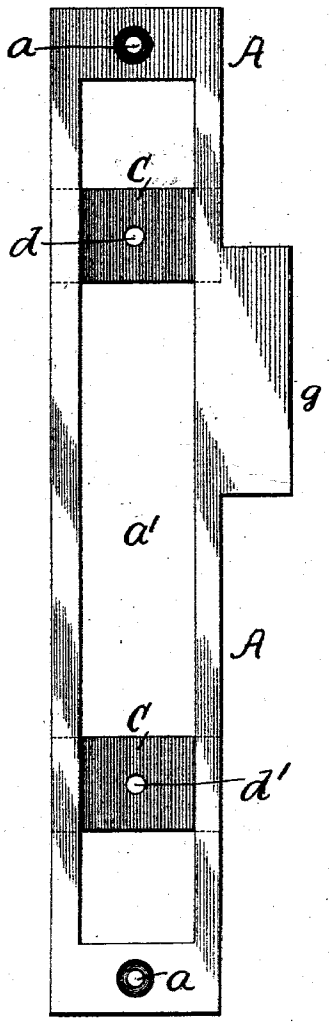


Fig. 3.

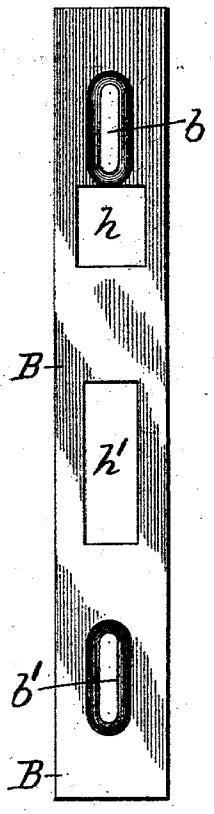
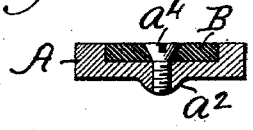


Fig. 4.



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UNITED STATES PATENT OFFICE.

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LOCK-STRIKE.

SPECIFICATION forming part of Letters Patent No. 633,918, dated September 26, 1899.

Application filed March 17, 1899. Serial No. 709,497. (No model.)

To all whom it may concern:

Be it known that I, JAMES SPEIGHT SMITH, a citizen of the United States, residing at Chicago, county of Cook, and State of Illinois, have invented an Adjustable Striking-Plate for Door-Jambs, of which the following is a specification.

This invention relates to an improved adjustable striking-plate for door locks and jambs, and has for its object to provide a simple and convenient device of this kind that can be used either as a right or left plate.

Figure 1 is a elevation of a device embodying the improved features. Fig. 2 is a similar view with the adjustable plate removed. Fig. 3 is an elevation of the removed adjustable plate; and Fig. 4 is a transverse section on line 4, Fig. 3, looking in the direction indicated by the arrow.

The device consists of the stationary strike-plate A and the adjustable plate or slide B, framed therein, the joining edges being smooth. The stationary plate A is provided in its respective ends with the screw-holes a for the insertion of the usual screws in securing the same to the jamb or door-frame. This plate is provided longitudinally with a slot-opening a', stopping short of the respective ends. The strike-plate is also provided with the cross-bars C C, having a boss or swell a^2 on the rear side thereof, Fig. 4, forming a seat for the companion adjusting-screws a^3 a^4, which are inserted through the elongated apertures b b' in the adjustable plate and the holes d d' in the cross-bars C C'. In this form of construction the adjusting-screws a^3 a^4 do not enter the wood of the jamb, but end in the boss a^2 and may be termed a "right-hand" plate only.

When the device is to be reversible, so as to be used either as a right or left hand plate, the cross-bars C C' are dispensed with, thus adapting the plate to be used on either side of the door, the adjusting-screws seating in the wood of the jamb.

The stationary plate is permanently secured in place, the adjustable plate being framed therein and movable endwise, either up or down, in bringing the same into position to receive the latch and bolt of the door-lock. The movable plate is locked in the position to which it is capable of being adjusted by means of the screws a^3 a^4. The stationary plate is provided with the usual projection g, which receives the impact of the latch. The openings h and h' in the adjustable plate receive the latch and locking-bolt, respectively. This arrangement dispenses with the necessity of moving the strike-plate proper and leaving an unsightly cut-off recess either above or below the same. The movable plate is easily and quickly adjusted as the varying conditions of the door-frame may require.

When made to be used as a right or left hand plate, either side may be faced outward, in accordance with the position it is to occupy.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a door-lock, a strike-plate, provided longitudinally with an opening, a vertically-adjustable plate, framed therein and having elongated apertures near the respective ends thereof, and means for holding the movable plate in any position to which it may be adjusted, substantially as described.

2. A strike-plate comprising a stationary plate, a vertically-movable plate adjustably framed therein, the joining edges of said plates being smooth and the movable plate provided with elongated apertures, and the adjusting-screws inserted through said apertures, substantially as described.

3. A strike-plate, comprising a stationary plate, having a slot-opening therein and provided with cross-bars at the rear side, of an endwise, vertically-movable plate, framed in said slot-opening, and the adjusting-screws inserted through openings in the movable plate and ending in said cross-bars, substantially as described.

JAMES SPEIGHT SMITH.

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