

UNITED STATES PATENT OFFICE

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BURGLARPROOF LOCK FOR WINDOW SASHES

Application filed September 13, 1929. Serial No. 392,469.

My invention relates to burglar-proof locks for window sash and has for its object to provide a sash lock simple in construction and cheap to make, which can be applied to window sash and when so applied will be absolutely burglar-proof. That is a lock which cannot be opened by means of a knife or other implement slid between the sashes to engage a portion of the lock and move it. In fact the lock which I have devised cannot be opened at all excepting from the inside or upon breaking of the sash.

The full objects and advantages of my invention will appear in connection with the detailed description thereof, and the novel features of my inventive idea are particularly pointed out in the claim.

In the drawings illustrating an application of my invention in one form,—

Fig. 1 is a plan view of a portion of the two sash frame members which engage in juxtaposition when both sash are closed, showing my lock applied thereto and viewed from above in the direction of the arrows on the line 1—1 of Fig. 2. Fig. 2 is a transverse section on line 2—2 of Fig. 1. Fig. 3 is a front elevation view of the lock when the same is closed from the inside, as in Fig. 1. Fig. 4 is a view of the lock hasp in position as shown on the line 4—4 in the direction of the arrows.

The inner sash frame member 10 has applied thereto an angle iron 11 which supports a pivot stud 12 protruding there-through. Correspondingly, the sash frame member 13 has secured thereto a face plate 14 having a portion thereof beveled inwardly as shown at 15, which inwardly beveled portion carries a turned-over hasp 17, as clearly shown in Figs. 2, 3 and 4. Mounted upon the pivot member 12 is a rocking plate 16 which carries a vertical semi-annular flange 18, which flange is beveled upwardly from a low point 19 to a high point 20, as best shown in Fig. 3. The vertical flange also carries a finger piece 21 and is adapted to engage under the hasp 17, as clearly shown in Figs. 1 and 2. In operation, when the sash members 10 and 13 are in their juxtaposed position when the windows are closed, the plate 16 is

rotated on the pivot pin 12, forcing the flange member 18 under and inside of the hasp 17, with the result that the two sash members are drawn tightly together and held firmly locked. In this position the only thing which is exposed to a knife or other implement forced between the two sash members is the curved flange member 18, which opposes only the outer curved surface to the action of the knife or other implement. The result is that it cannot be moved and the lock is perfectly burglar-proof. The construction is simple, exceedingly efficient, cheap to make and easy to apply, for all of which reasons it is highly efficient for the purpose intended. Also, the flange member 18 is not perfectly circular with respect to the center of the supporting pivot 12, but is slightly eccentric, with the result that the end thereof enters easily, but as the member is rotated it exercises a powerful drawing action, wedging the two sash members tightly together and thus providing an effective seal for cold weather or stormy rains.

I claim:

A sash lock comprising an L angle plate fitting over the top rail of the inside sash and being secured to the outer face of said rail and having its vertical portion screwed to the outside of said rail, a second plate mounted on the inside face of the lower rail of the upper sash in juxtaposed relation to the vertical portion of the first-named plate and being screwed to said inside face, an inwardly-turned hasp carried by said last-named plate out of line with the meeting plane of said two sash rail faces, and an oscillating plate carried by the horizontal portion of the first-named plate having an upstanding flange adapted to engage beneath said turned-over hasp.

In testimony whereof I hereunto affix my signature.

GEORGE RUDDER.