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DEVICE FOR HOLDING A LOWER WINDOW SASH IN PLACE WHEN PARTIALLY RAISED

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Fig. 1.

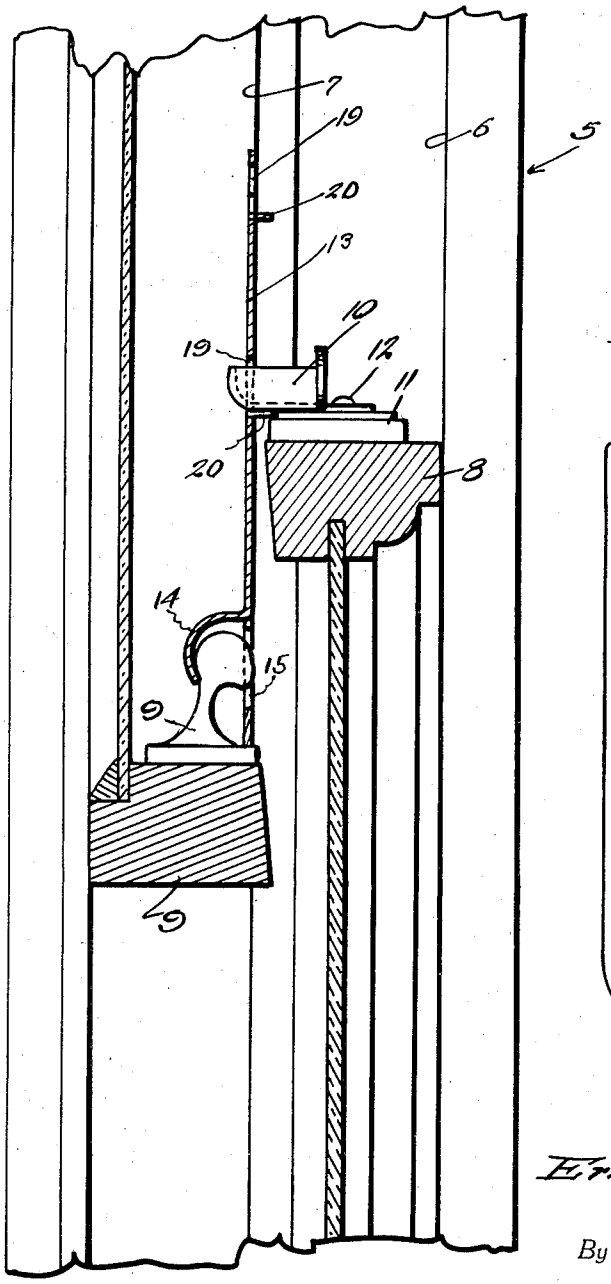
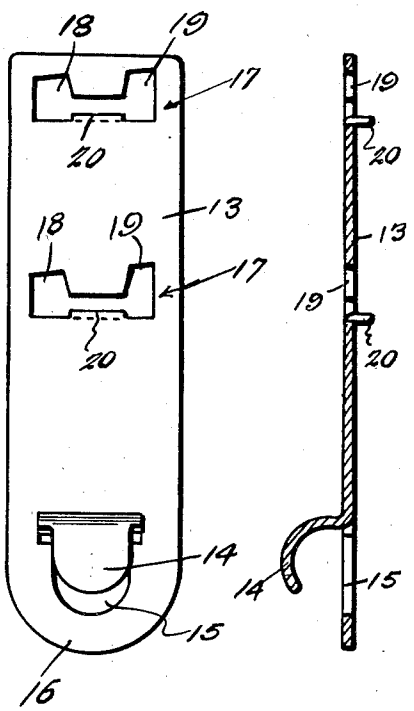


Fig. 2. Fig. 3.



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DEVICE FOR HOLDING A LOWER WINDOW SASH IN PLACE WHEN PARTIALLY RAISED

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1 Claim. (Cl. 292—278)

This invention relates to new and useful improvements in sash retainers.

The principal object of the present invention is to provide a simple device which can be attached to the usual sash fastener so that the lower sash can be raised and held in raised position without likelihood that a burglar can reach under the lower sash and unfasten the window.

Another important object of the invention is to provide a sash retainer of the character stated which will be more durable and satisfactory in use than conventional types of retainers now on the market.

These and various other important objects and advantages of the invention will become apparent to the reader of the following specification.

In the drawing:—

Figure 1 represents a fragmentary vertical sectional view through a window construction showing the lower sash in elevated position.

Figure 2 represents an outside elevational view of the retainer plate.

Figure 3 is a longitudinal sectional view through the retainer plate.

Referring to the drawing wherein like numerals designate like parts, it can be seen in Figure 1 that numeral 5 generally refers to the usual window frame having the lower sash guideway 6 and the upper sash guideway 7 in which the lower sash 8 and upper sash 9, respectively, are slidable.

In carrying out the present invention, the usual cam and keeper type of fastener for the sash is employed, the keeper being denoted by the numeral 9 and being of the hook type while the cam is denoted by reference character 10 and is swingably secured to the sash plate 11 by the pin or screw 12.

The present invention consists of the elongated plate 13 having the struck out area at its lower end portion bent outwardly and curved to define the tongue 14 for engaging the neck portion of the keeper 9 and the opening 15 through which the head portion of the keeper 9 extends. As a matter of fact, this opening 15 and tongue 14 may be regarded as defining a yoke portion 16 for engaging the hook-shaped keeper 9.

At vertically spaced intervals on the plate 13 are the slots generally referred to by numeral 17 for receiving the cam 10. Each of these slots 17 consists of a pair of transversely spaced openings 18—19 connected by a transversely extending slot in which the usual horizontal web portion of the cam 10 is movable. The openings 18 are substantially smaller than the openings 19 so that the cam can pass through the larger opening 19 and its smaller end pass into the smaller opening 18 and thus camming action will be afforded against the lip 20. The lip 20 is provided so as to afford a sill for the cam 10, thus reinforcing the plate at the slot 17 and also reducing wear at these points.

While the foregoing specification sets forth the invention in specific terms, it is to be understood that numerous changes in the shape, size and materials may be resorted to without departing from the spirit and scope of the invention as claimed hereinafter.

Having described the invention, what is claimed as new is:—

A window sash retainer for use in connection with sashes having a rotatable cam fastener and a keeper therefor; said retainer comprising an elongated plate having an opening in one end portion thereof and a hook-shaped structure extending from the plate at the upper end of the opening and adapted to hook over the back portion of a window keeper while the forward portion of the keeper projects through the said opening to hold the said plate in an upright position, the upper portion of the plate being stamped to form a transverse slot and an outstanding lip at the intermediate portion of the said slot, said lip defining an aliner for the cam fastener with respect to the slot.

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