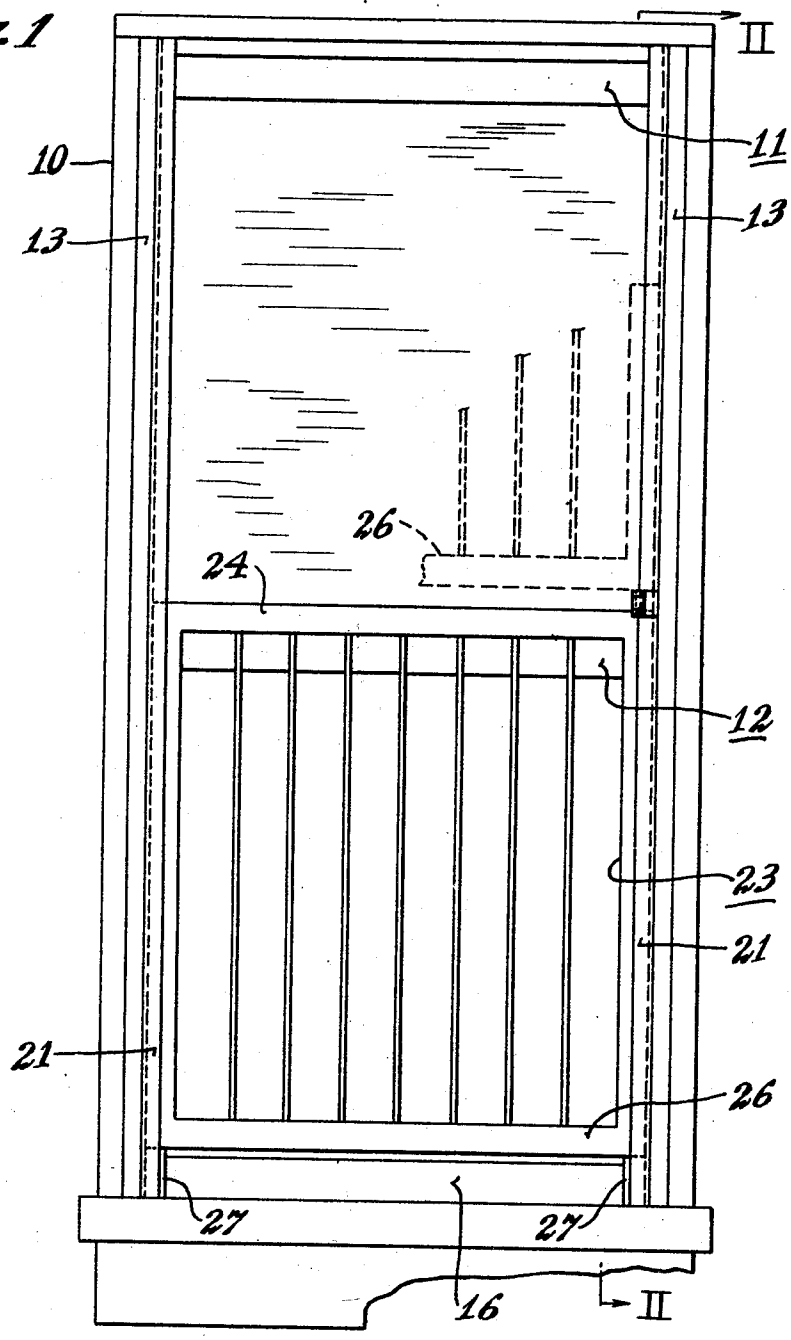
April 26, 1932. A. T. McWANE 1,855,865

WINDOW GUARD

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Fig. 1



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WINDOW GUARD

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Fig. 2

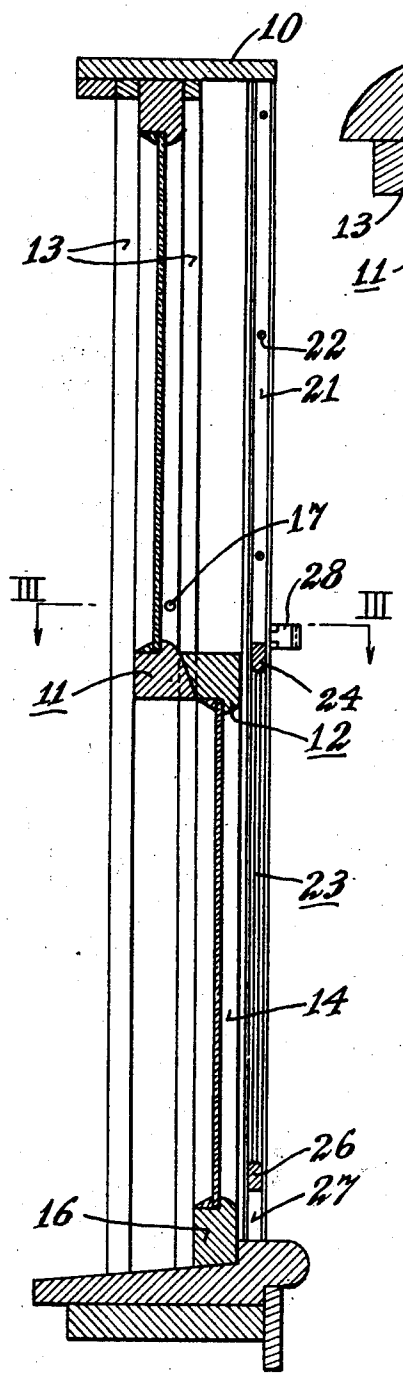


Fig. 3

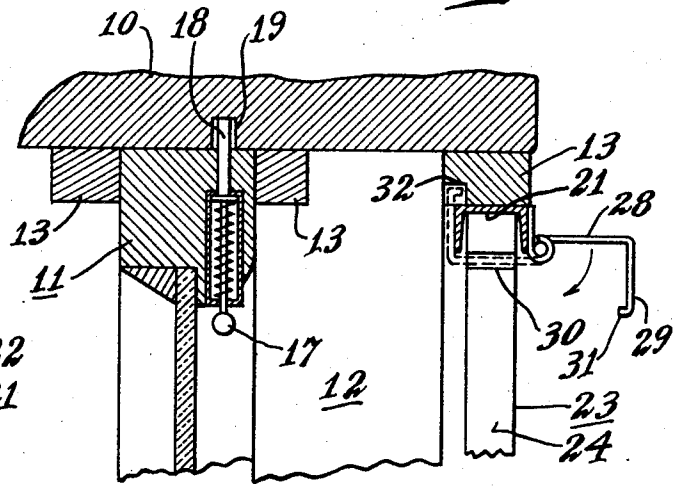
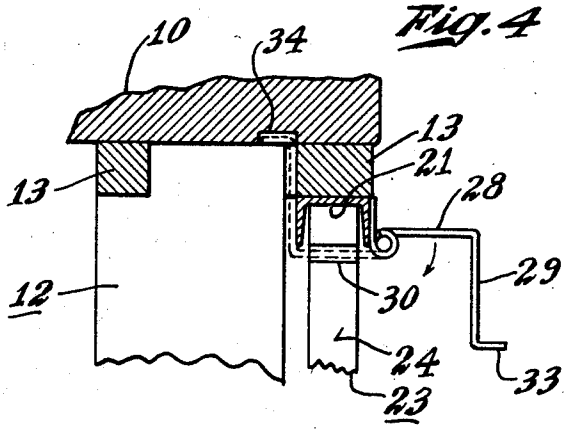


Fig. 4



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UNITED STATES PATENT OFFICE

ARTHUR T. McWANE, OF BIRMINGHAM, ALABAMA

WINDOW GUARD

Application filed August 11, 1930. Serial No. 474,351.

My invention relates to window guards, particularly to guards for windows having upper and lower sash adapted to be raised and lowered, and has for its object the provision of a device of the character designated which shall be simple and rugged of design, economical to manufacture, and easily installed.

A further object of my invention is to provide a window guard which may be raised when desired to a position where it will attract little or no attention, together with a latch means for holding the guard in closed or open position, which latch means may not be readily disengaged from outside the window.

A still further object of my invention is to provide a window guard which may be raised and lowered, together with latch means for holding it in closed position, the latch means being adapted to coact with the window sash to hold it against disengagement.

Briefly, my invention comprises a window guard positioned in guides to the rear of the lower sash of a two sash window and adapted to be raised and lowered in the guides. A latch for the guard is disposed immediately above the top rail thereof when in its lowered position and is pivoted to swing across the guide above the guard to hold it in closed position. A bent over portion is provided on the latch which is adapted to lie between the side, or stile of the lower sash and the guide when the lower sash is raised above its closed position. In addition to this I provide a bent end to the latch which in one modification hooks around the side of the stile of the lower sash when it is raised and in the other modification is bent outwardly to lie behind the guard guide. With either arrangement the latch is securely held against disengagement and the guard is held securely closed so long as the lower sash of the window is raised above its closed position.

Apparatus embodying features of my invention is illustrated in the accompanying drawings forming a part of the application, in which:

Fig. 1 is an elevational view of a window equipped with my invention, viewed from the inside;

Fig. 2 is a longitudinal sectional view taken along the line II—II of Fig. 1;

Fig. 3 is a sectional view taken along the line III—III of Fig. 2; and

Fig. 4 is a sectional view similar to Fig. 3, but showing a modified form of latch means.

Referring to the drawings for a better understanding of my invention, I show a window embodying a frame 10, having an upper sash 11 and a lower sash 12, said sash being adapted to be raised and lowered in the usual vertical guides 13, the lower sash 12 embodying the usual stiles 14 and bottom rail 16. The upper sash 11 may be locked in its upper position by means of a well known form of latch having a handle 17, and a spring pressed plunger 18 adapted to fit into a suitable recess 19 provided in the window frame 10.

Positioned to the rear of the lower sash 12 and preferably on the rear sash guide 13 are guides 21. The guides 21 are preferably formed of metallic channel members as shown and are held in place by means of screws 22. Disposed within the guides 21 is a window guard 23 having upper and lower rails 24 and 26 respectively. The guard 23 may be of any desired form to keep out intruders and in the illustration is shown as comprising vertical bars. To provide quietness of operation, the bottom rail 26 of the guard may rest on resilient cushions 27 when lowered. It will be noted that when in its lowered position, the upper rail 24 is approximately at the same level as the upper rail of the lower sash 12.

Pivoted to one side of the guide 21 is a latch 28 which is adapted to swing across the guide 21 above the upper rail 24 thereof when the guard is lowered and thus prevents raising the guard. Preferably the latch 28 is so positioned that it is necessary to press the guard frame downwardly and slightly compress the resilient cushions 27. A notch 30 is provided in the upper rail of the guard frame into which the latch 28 drops when closed. This places a tension on the latch

and holds it against accidental disengagement.

In order that the latch may be held against disengagement when the lower sash 12 is raised, I provide a bent over portion 29 which is adapted to lie between the guide 21 and side of the lower sash 12 when the lower sash is raised above its closed position. It will be seen that in order to release the guard when so latched, it is necessary to lower the sash 12 to its closed position, when the latch may be swung out of the way of the guard from the inside only.

The latch 28 may be made of light metal, such as pressed steel. In order that prowlers and intruders may not readily force the latch, I provide further safety means which in Fig. 3 takes the form of an inwardly bent hook 31 on the end of the latch 28 which is adapted to lie behind the guide 21. To accommodate this hooked end, 31, I provide a small recess 32 in the rear guide 13.

In Fig. 4 I show an alternative means for further protecting the latch against intruders which takes the form of an outwardly bent hook 33 which is adapted to hook around the side of the sash 12 when raised. To accommodate this outwardly bent hook, I provide a small recess 34 in the side of the window frame 10.

Whenever it is desired to open both the lower sash 12 and the window guard 23, the guard 23 is raised to its upper position first and the latch 28 is then swung across the guide 21 to the dotted position shown in Figs. 3 and 4. The lower sash 12 may then be raised to its upper position and will hold the latch 28 against accidental displacement, as shown in Figs. 3 and 4, until the lower sash 12 is again lowered and the latch 28 released.

From the foregoing it will be apparent that I have devised an improved window guard together with means for holding it in either an open or closed position and when closed is secure against prowlers and intruders, which is simple of design, economical to manufacture, and readily installed.

While I have shown my invention in but two forms, it will be obvious to those skilled in the art that it is not so limited, but is susceptible of various changes and modifications, without departing from the spirit thereof, and I desire, therefore that only such limitations shall be placed thereupon as are imposed by the prior art or as are specifically set forth in the appended claims.

What I claim is:

1. In a window guard for a window having upper and lower sash adapted to be raised and lowered, a window guard disposed to the rear of the lower sash, guides for the window guard in which said guard slidably fits and whereby it may be raised and lowered, and a latch means adapted to lie across one of the guides for the window guard and be held against disengagement by the lower sash when raised above its closed position.

2. In a window guard for a window having a frame and upper and lower sash adapted to be raised and lowered, a window guard disposed to the rear of the lower sash, channel guides for the window guard secured to the frame whereby said guard may be raised and lowered, and a pivoted latch positioned to swing horizontally across one of the guides for the window guard when closed, and to be engaged by and held in said position by the lower sash when raised.

3. In a window guard for a window having a frame and upper and lower sash adapted to be raised and lowered, a window guard disposed to the rear of the lower sash, vertical guides for the window guard secured to the frame whereby said guard may be raised and lowered, a latch pivoted to the rear of the guide for the window guard and positioned to swing horizontally across the guide above the guard when closed, and a bent over portion on the latch adapted to be engaged and held by the lower sash when raised above its closed position.

4. In a window guard for a window having a frame and upper and lower sash adapted to be raised and lowered, a window guard disposed to the rear of the lower sash, vertical guides for the window guard secured to the frame whereby said guard may be raised and lowered, a latch pivoted to the rear of one of the guides for the window guard and adapted to swing across the guide above the guard when closed, and a bent over portion on said latch adapted to lie between the other side of the guide and the side of the lower sash and be held in place thereby when the lower sash is raised above closed position.

5. In a window guard for a window having upper and lower sash adapted to be raised and lowered, a window guard disposed to the rear of the lower sash, guides for the window guard whereby it may be raised and lowered, a latch pivoted to the rear of one of the guides for the window guard and adapted to swing across the guide above the guard when closed, and a bent over portion on said latch adapted to lie between the other side of the guide and the side of the lower sash and be held in place thereby when the lower sash is raised above closed position, and an outwardly turned hook on the end of said latch adapted to hook around the side of said lower sash when so raised.

6. In a window guard for a window having upper and lower sash adapted to be raised and lowered, a window guard disposed to the rear of the lower sash, guides for the window guard whereby it may be raised and lowered, a latch pivoted to the rear of one of the guides for the window guard and adapt-

ed to swing across the guide above the guard when closed, and a bent over portion on said latch adapted to lie between the other side of the guide and the side of the lower sash and be held in place thereby when the lower sash is raised above closed position, and an inwardly turned hook on the end of said latch adapted to lie inwardly of the other side of said window guard guide when closed there being a recess provided to receive said hook.

7. In a window guard for a window having upper and lower sash adapted to be raised and lowered, a window guard disposed to the rear of the lower sash, guides for the window guard whereby it may be raised and lowered, resilient cushion means for the guard positioned in the guides, a latch pivoted to the rear of one of the guides for the window guard and adapted to swing across the guide above the guard when closed, and a bent over portion on said latch adapted to lie between the other side of the guide and the side of the lower sash and be held in place thereby when the lower sash is raised above closed position.

8. In a window guard for a window having upper and lower sash adapted to be raised and lowered, a window guard disposed to the rear of the lower sash, guides for the window guard whereby it may be raised and lowered, a latch pivoted to the rear of one of the guides for the window guard and adapted to swing across the guide above the guard when closed, resilient cushion means in the guard guide positioned to hold the guard slightly above the latch until compressed, said guard being provided with a notch to receive the latch when closed, and a bent over portion on said latch adapted to lie between the other side of the guide and the side of the lower sash and be held in place thereby when the lower sash is raised above closed position.

In testimony whereof I affix my signature.

ARTHUR T. McWANE.