

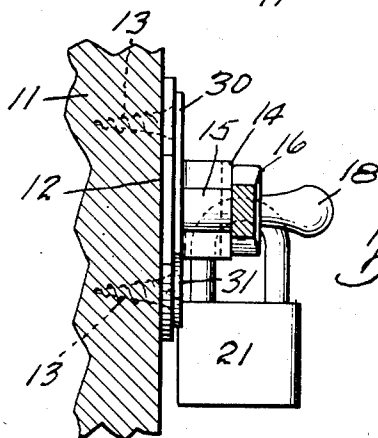
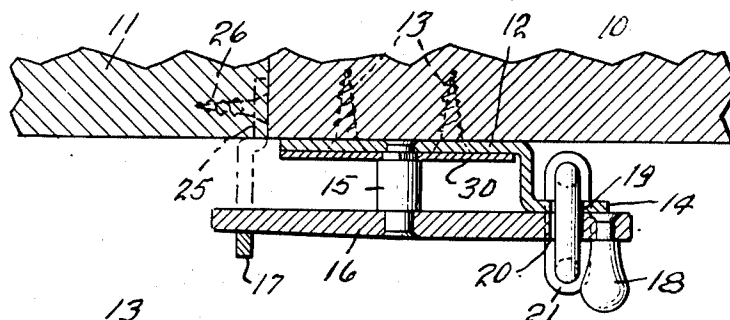
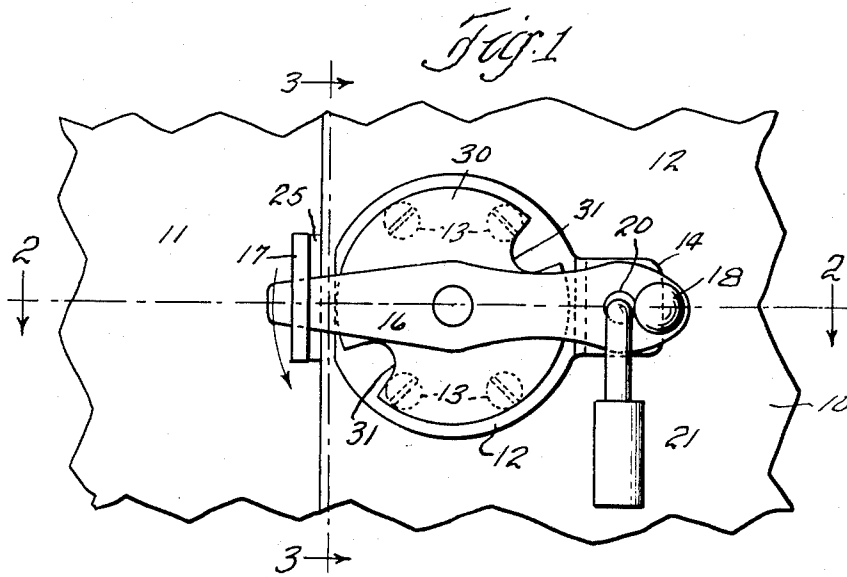
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2,542,332

WINDOW LATCH

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2,542,332

## WINDOW LATCH

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1 Claim. (Cl. 292—205)

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This invention relates to latches for hinged windows and more particularly to a latch having locking means to prevent the same from being released by unauthorized persons.

An object of the invention is to provide a novel and improved latch of the above type.

Another object is to provide a latch for casement windows which cannot be released by unauthorized persons when the window pane is broken.

Various other objects and advantages will be apparent as the nature of the invention is more fully disclosed.

The novel features which are characteristic of this invention will be better understood by referring to the following description, taken in connection with the accompanying drawings in which a specific embodiment thereof has been set forth for purposes of illustration.

In the drawings:

Fig. 1 is a side elevation of a window latch embodying the present invention;

Fig. 2 is a horizontal section taken on the line 2—2 of Fig. 1; and

Fig. 3 is a transverse vertical section taken on the line 3—3 of Fig. 1.

Referring to the drawings more in detail, the invention is shown as applied to a latch for a casement window including a sash 10 which is hinged to swing outwardly in a window frame 11. The latch comprises a base plate 12 which is of circular form and is attached to the window sash 10 by means shown as attaching screws 13. The base plate 12 is provided on one side with a locking ear 14 which extends outwardly therefrom for the purpose to be described.

A shaft 15 is journaled to rotate in the base plate 12 and carries a latch arm 16 which is secured thereto and is adapted at one end to engage a keeper 17 which is permanently attached to the window frame 11, and at the other end is provided with a handle 18 for actuation purposes. The arm 16 extends over the locking ear 14 and the ear 14 and arm 16 are provided with aligned holes 19 and 20 to receive a padlock 21, or the like, for locking the arm 16 in latched position.

A keeper 17 is provided with the usual plate 25 which is attached to the window frame 11 by suitable means, as by screws 26.

The shaft 15 also carries a screw guard 30

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which rotates with the shaft and with the latch arm 16 and is adapted to cover the screws 13 when the arm 16 is in latching position. The screw guard 30 is provided with spaced peripheral notches 31 which in certain positions of the screw guard provide access to the screw heads for attachment purposes. Such access, however, is only provided when the screw guard is turned with the latch arm from latching position.

It will be noted that in the above-described device, when the padlock 21 is in place, the arm 16 cannot be actuated for releasing the window latch, nor can the attaching screws 13 be removed due to the presence of the screw guard 30. When the padlock 21 is removed, however, the latch may be actuated in the usual manner for latching or opening the window.

Although a specific embodiment of the invention has been shown for purposes of illustration, it is to be understood that various changes and modifications may be made therein as will be apparent to a person skilled in the art.

What is claimed is:

1. A window latch comprising a base plate having spaced holes to receive attaching screws and having a locking ear extending outwardly from one side thereof parallel to, but raised above the level of said base plate, a shaft journaled for rotation in said base plate, a latch arm attached to said shaft for rotation therewith, said latch arm having one end adapted to engage a keeper for latching said window and having its other end extending over said locking ear, said locking ear and said arm having aligned holes to receive a padlock or the like for locking the same against unauthorized movement.

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### REFERENCES CITED

The following references are of record in the file of this patent:

#### UNITED STATES PATENTS

Number	Name	Date
362,920	Schandein	May 10, 1887
949,405	Smith	Feb. 15, 1910

#### FOREIGN PATENTS

Number	Country	Date
437,577	Great Britain	Oct. 31, 1935