March 29, 1932. C. GOLL 1,851,701

WINDOW LOCK

Filed Dec. 31, 1930

Fig. 1

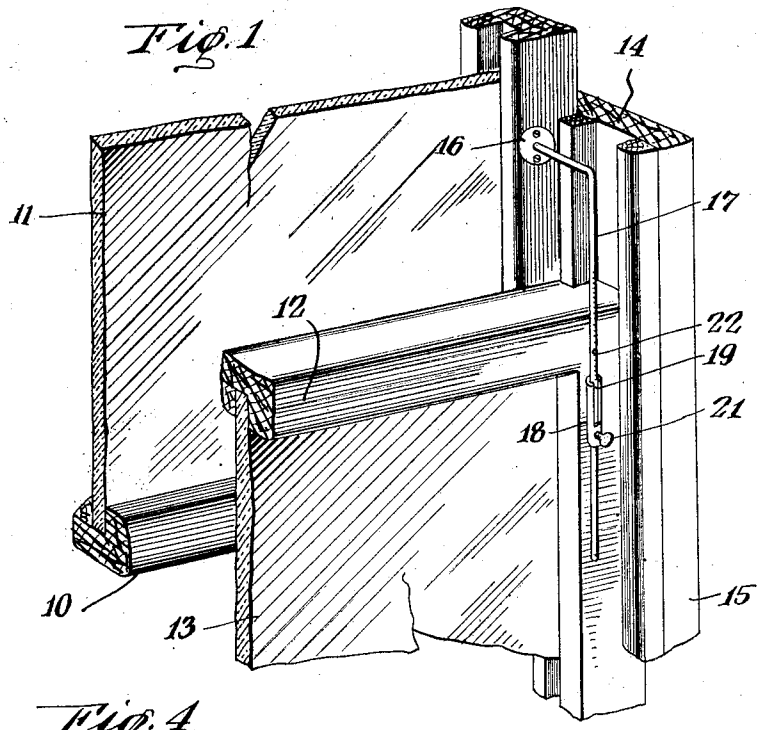


Fig. 2

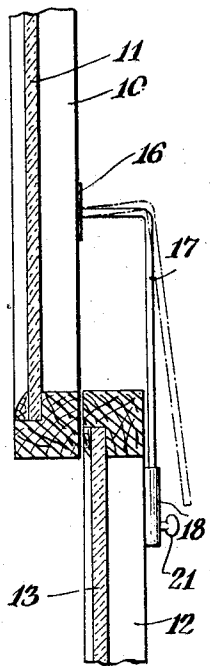


Fig. 4

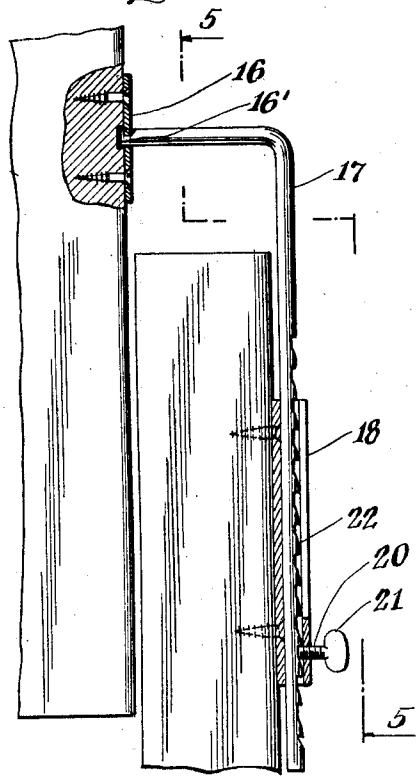


Fig. 5

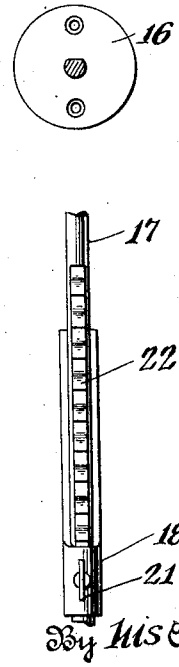
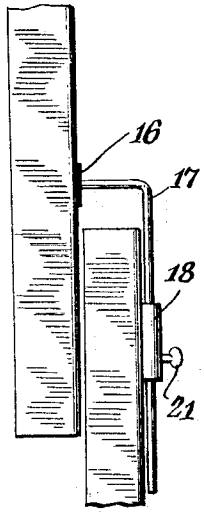


Fig. 3



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UNITED STATES PATENT OFFICE

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WINDOW LOCK

Application filed December 31, 1930. Serial No. 505,731.

This invention relates to improvements in devices for locking sliding window sashes in their relative positions leaving the window partly open for ventilating and other purposes, and it is the principal object of my invention to provide a locking bar in form of a hook adapted to engage a keeper on one of the sashes and having a lower shank adapted to be guided in a sleeve having its front partly slotted to allow the removal of the bar with the window closed and equipped with means to lock the bar in its sleeve engaging position, with the window partly open.

Another object of my invention is the provision of a window lock of simple and therefore inexpensive construction, yet durable and highly efficient in its operation, which can be readily attached to and removed from any window without the necessity of materially changing the window construction.

A further object of my invention is the provision of a window lock including a keeper having an opening and a locking bar engaging the same and provided with a notch near one of its ends adapted to be engaged by the wall of the keeper forming its opening.

A still further object of my invention is the provision of a locking bar for window locks having a toothed part formed with its shank adapted to be engaged by a screw bolt passed through a guide sleeve for said bolt for locking the locking bar in any of its vertically adjusted positions.

These and other objects and advantages of my invention will become more fully apparent as the description thereof proceeds and will then be more specifically defined in the appended claims.

In the accompanying drawings forming a material part of this disclosure:

Fig. 1 is a fragmentary perspective view of a window equipped with a lock constructed according to my invention.

Fig. 2 is a sectional side elevation thereof, with the windows closed.

Fig. 3 is a view similar to Figure 2 with the window partly open.

Fig. 4 is a fragmentary side elevation of a pair of window sashes equipped with a locking device constructed according to my invention on an enlarged scale.

Fig. 5 is a front elevation of the locking device seen in the direction of arrows 5—5 in Figure 4.

As illustrated, the upper sash 10 of a window 11, and the lower sash 12 of a window 13 are arranged for the usual sliding vertical reciprocatory displacement in the window frames 14 and 15 respectively.

The locking device according to my invention comprises a keeper 16 adapted to be secured to the inner face of the upper sash at a certain distance from its lower end and having a central opening formed therein.

A hook-shaped member 17 is adapted to engage the central opening of the keeper with the end of its upper angularly bent hook part while the lower straight shank of the hook member engages endwise a sleeve or socket 18 attached to the sash of the lower window at a certain distance from its upper end.

The hook part has a notch 16′ formed in its end to be engaged by the wall forming the perforation in said keeper.

The sleeve 18 is longitudinally slotted at its front, as at 19 for a distance while its lower end is closed. In the closed part engages a screw bolt 20 having at its outer end a thumb piece 21 while its inner end is adapted to engage the intervals between two teeth of a toothed portion 22 at the front of the shank of hook 17.

The operation of my device will be entirely clear from the above description and by simultaneous inspection of the drawings and it will be evident that the windows can be opened to a certain degree and the sashes be locked in their relative position by the engagement of the hook 17 with its keeper the walls of the keeper opening engaging the notch 16′ of the hook member, and the proper adjustment of the hook shank and locking of the same by means of the engagement of the screw bolt 20 between the teeth 22 of the toothed part of the hook while the screw is tightened by means of the proper operation of the thumb piece 21. The longitudinal slot 19 in the sleeve allows a disengagement of

the hook shank therefrom as indicated in broken lines in Figure 2 is the window is entirely closed.

It will be clear that in this manner the upper as well as the lower sash of a window may be operated to a desired degree and will then be locked in their relative adjusted positions making it impossible for an outsider to enter a room or to tamper with the window lock.

It will be understood that I have described and shown the preferred form of my device only as one example of the many possible ways to construct the same, and that I may make such changes in the construction of the device as come within the scope of the appended claims without departure from the spirit of my invention.

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

1. A lock for sliding window sashes comprising a keeper having a central perforation secured to one of the sashes, a hook member engaging the perforation in said keeper, a sleeve secured to the other sash and having its front partially slotted, a shank on said hook member for endwise engagement in said sleeve, a toothed part on said hook member, a screw bolt in the non-slotted part of said sleeve adapted to engage said toothed part, and a thumb piece for operating said screw bolt to lock said sleeve and hook member in their relative adjusted position with the window partially open.

2. A lock for sliding window sashes comprising a keeper having a central opening and adapted to be secured to one of the window sashes, a member having a hook formed at its upper end notched to be engaged by the walls forming the opening in the keeper member upon engagement of said hook in the opening of said keeper, a sleeve secured to the other window sash, partially slotted at its front, a shank formed with said member for endwise engagement in said sleeve, and adapted to be disengaged from said sleeve through the slot therein with the windows closed, and means for locking said shank in said sleeve with the sashes in their window opening position.

Signed at New York, in the county of New York, and State of New York, this 29th day of December A. D. 1930.

CHARLES GOLL.