

T. C. STALEY.
WINDOW SASH LOCK.
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947,950.

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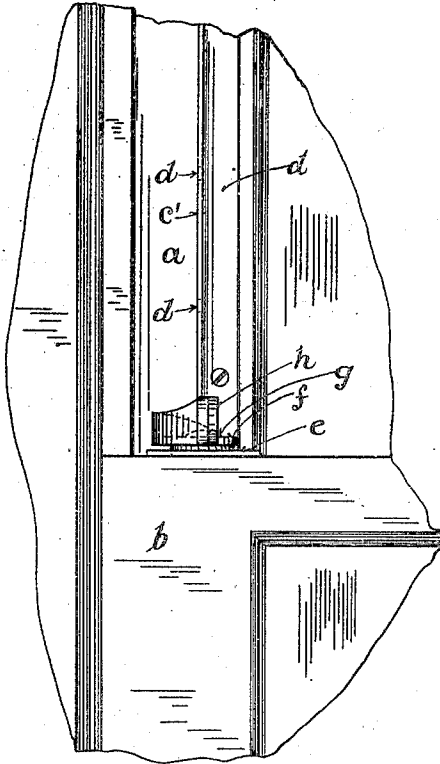


Fig. 2.

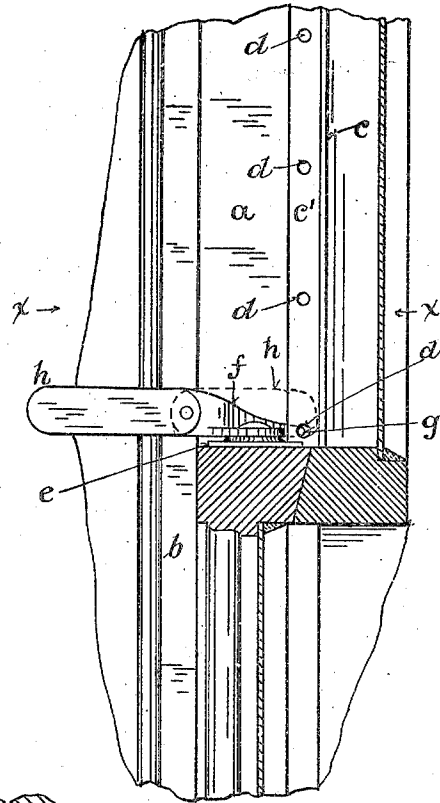


Fig. 1.

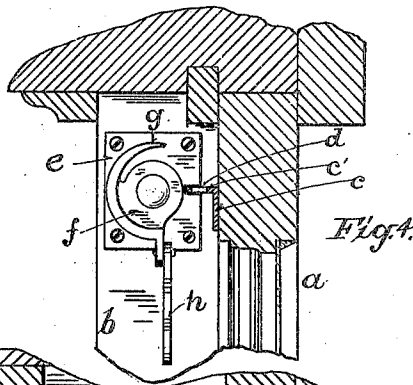


Fig. 4.

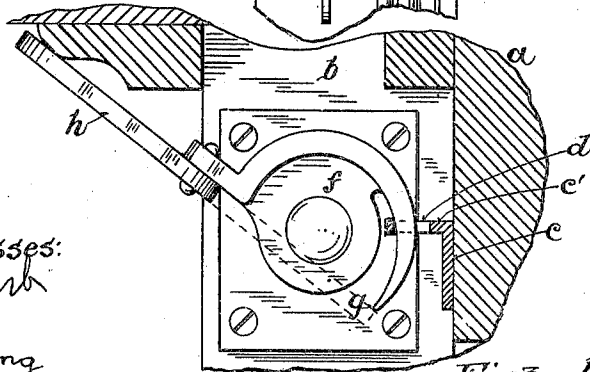


Fig. 3.

Witnesses:
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UNITED STATES PATENT OFFICE.

THOMAS C. STALEY, OF PORTLAND, OREGON.

WINDOW-SASH LOCK.

947,950.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, THOMAS C. STALEY, a citizen of the United States, and a resident of Portland, in the county of Multnomah and State of Oregon, have invented a new and useful Improvement in Window-Sash Locks, of which the following is a specification.

This invention has for its object to provide an inexpensive and effective means for locking the upper and lower sashes of a window together, at variable height, in such wise that the window may be moved up or down to obtain an air-inlet under the lower sash, or over the top sash, but preventing the separation of the window-sashes and thus excluding entrance into the room there-through.

I carry my invention into effect by the means illustrated in the accompanying drawings in which:

Figure 1 is a partial, vertical section of the top and bottom sashes of the window, arranged in their closed position and locked together by means of my lock; Fig. 2 is an inside elevation corresponding with Fig. 1; Fig. 3 is a plan section, taken on a line $x-x$ of Fig. 1, but approximately life or actual size, showing my device arranged to lock the sashes together, as shown in Fig. 1; and Fig. 4 is a like section as Fig. 3, but on a scale agreeing with Figs. 1 and 2, showing my lock in its open position.

The letters designate the parts described.

a, b represent the top and bottom sashes, respectively, of a window. To the inner, vertical face of the side rail of the top sash is fastened an angle-iron c , of any convenient length, with one leg perforated to receive screws by which to fasten it to the rail of the sash, and the other leg c' being provided with a series of holes d , placed suitable distances apart.

To the top-side of the meeting rail of the lower sash b is affixed my lock. My lock comprises a plate e , on which is pivoted a rotatable member or bolt f , provided with a bill or horn g , the outer curve of which bill is described from the center of the pivot-pin, while the inner curve thereof is described from a different center, so located as to make the horn or bill f wedge-shaped; or in other words, widening as it recedes from the point. To the main body of the rotatable member or bolt f is pivoted a handle h , so as to render it convenient to rotate the bolt f into its

locking and unlocking positions; and when the bolt f has been arranged in its locking position, the handle h may be lifted and dropped in front of the horn g of the bolt f , and thus prevent the retraction of such horn from engagement with the angle-iron c . A saw kerf is made through the lip of the meeting rail of the lower sash in alignment with the projecting rib c' of the angle-iron c , so as to permit the lower sash to be raised and lowered over said angle-iron.

The operation of arranging my device to lock the window-sashes is illustrated in Fig. 3. The horn g enters one of the perforations of the leg c' of the angle-iron c , and by then pressing against the handle, so as to force the horn g as much as possible through the perforation of the angle-iron which it has entered, the meeting rails of the two sashes will be firmly locked; and, furthermore, the two sashes will be drawn together, as it were, and rattling prevented. After having arranged my device in its locking position, the handle h is lifted and dropped in front of the point of the horn g , as shown in dotted outline in Fig. 3. To unlock the sashes, it is only necessary, as self evident, to re-arrange the handle h in its projecting position and rotate the bolt f in a reverse direction.

The holes d of the leg c' of the angle-iron c may be spaced apart any convenient distance, so as to allow the sashes to be interlocked by my device in such wise as to provide a limited opening, insufficient for a person to crawl through, and yet providing ample ventilation. And the two interlocked sashes may then be arranged to give all the opening at the bottom or at the top of the window, or part of the opening at the bottom and part at the top, as deemed expedient.

I claim:

A window lock comprising a rotatable member provided with a curved bill adapted to be engaged with a suitable keeper, and a handle pivoted to the rotatable member and adapted to be arranged in projecting position and to be dropped in front of said bill of the rotatable member to prevent the disengagement of the latter when locked with such perforated bar.

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Witnesses:

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