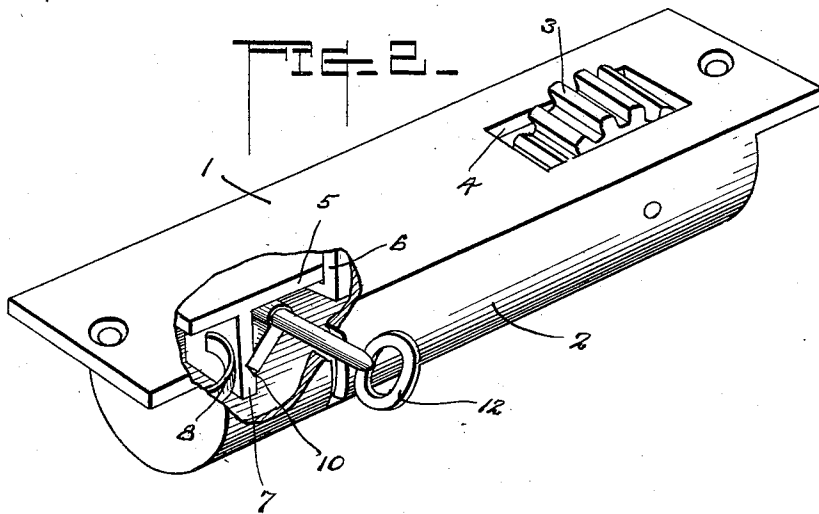
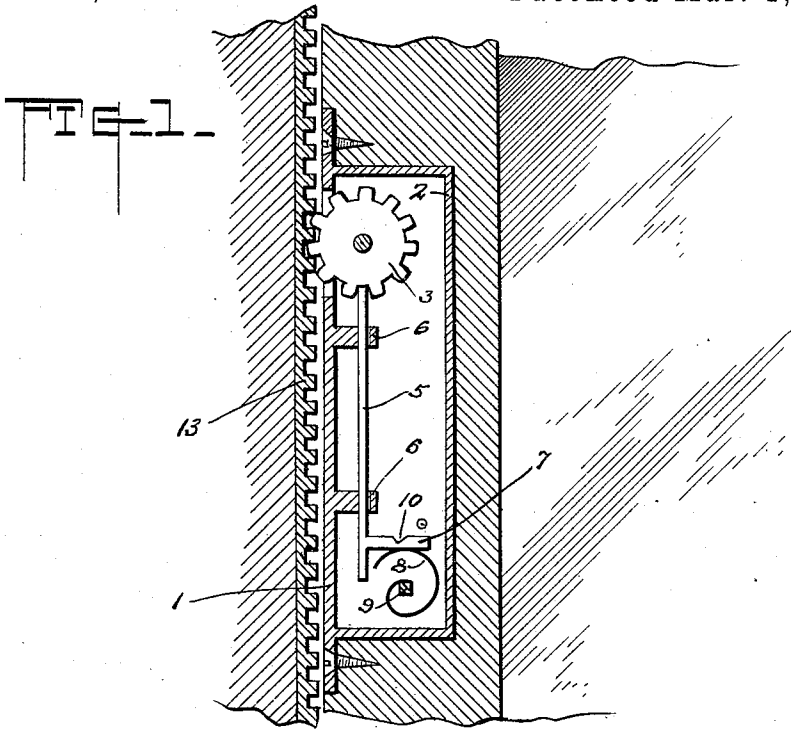


(No Model.)

H. L. STEINMEYER.
SASH FASTENER.

No. 599,745.

Patented Mar. 1, 1898.



Witnesses
A. M. Forrester
J. Wilson

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UNITED STATES PATENT OFFICE.

HENRY L. STEINMEYER, OF SACRAMENTO, CALIFORNIA.

SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 599,745, dated March 1, 1898.

Application filed July 1, 1897. Serial No. 643,122. (No model.)

To all whom it may concern:

Be it known that I, HENRY L. STEINMEYER, a citizen of the United States, residing at Sacramento, in the county of Sacramento and State of California, have invented certain new and useful Improvements in Sash-Locks; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to certain new and useful improvements in sash-locks for windows; and the object is to provide a simple, cheap, and effective device of this class; and to this end the invention consists in a sash-lock comprising a plate provided with a rectangular slot and integral guide-lugs, a sliding bolt mounted in said lugs and provided with an integral arm formed with a locking-notch, a pinion mounted in the path of said bolt, a spring in operative engagement with said arm, and a removable key adapted to engage said notch and lock the bolt out of engagement with said pinion, as will be hereinafter more fully described, and particularly pointed out in the claim.

In the accompanying drawings the same reference characters indicate the same parts of the invention.

Figure 1 is a longitudinal section of my improved sash-lock as applied to an ordinary window-sash. Fig. 2 is an enlarged view of the lock detached from the window-frame.

1 represents a rectangular plate provided with a longitudinal casing 2, semicircular in cross-section.

3 represents a pinion transversely journaled in the case 2 and having a portion of its periphery projecting through a rectangular slot 4 in the plate 1.

5 represents a longitudinal bolt having a sliding movement in the lugs 6 6 on the inner side of the plate 1, and its forward end is adapted to engage the pinion and lock it against rotation in either direction.

7 represents an integral arm on the rear end of the sliding bolt, and 8 represents a

coil-spring fixed on the stud 9 in the casing, where its free end engages the arm 7 to project the end of the bolt 5 into the path of the teeth on the pinion 3.

10 represents a notch formed on the inner side of the arm 7 and, as shown in Fig. 2, is adapted to engage the end of a detachable key 12 to hold the bolt 5 out of engagement with the pinion when desired.

13 represents a vertical rack fixed to the window-frame in the path of the pinion, with which it is at all times in mesh. When the bolt 5 is in the position shown in Fig. 2, the window-sash may be freely raised or lowered at will, and when it is desired to secure the window at any point of its movement the key is withdrawn from the lock, which releases the bolt, so that its spring 8 forces it between the teeth of the pinion 3 to lock it, and consequently lock the sash in place, so that it will be impossible to either raise or lower it.

The device is applicable to counterbalance-windows or those not provided with weights. In the latter case it acts as a convenient support for the sash independently of its operation as a lock.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

A sash-lock comprising the plate 1, provided with a rectangular slot 4, and the integral guide-lugs 6 6, the sliding bolt 5 mounted in said lugs and provided with the integral arm 7, having the locking-notch 10, a pinion mounted in the path of said bolt, the spring 8 in operative engagement with said arm, and the removable key 12, adapted to engage the notch 10 in the arm 7 to lock the bolt out of engagement with said pinion, substantially as shown and described.

In testimony whereof I hereunto affix my signature in presence of two witnesses.

H. L. STEINMEYER.

Witnesses:

W. F. LANG,

F. L. LINDQUIST.