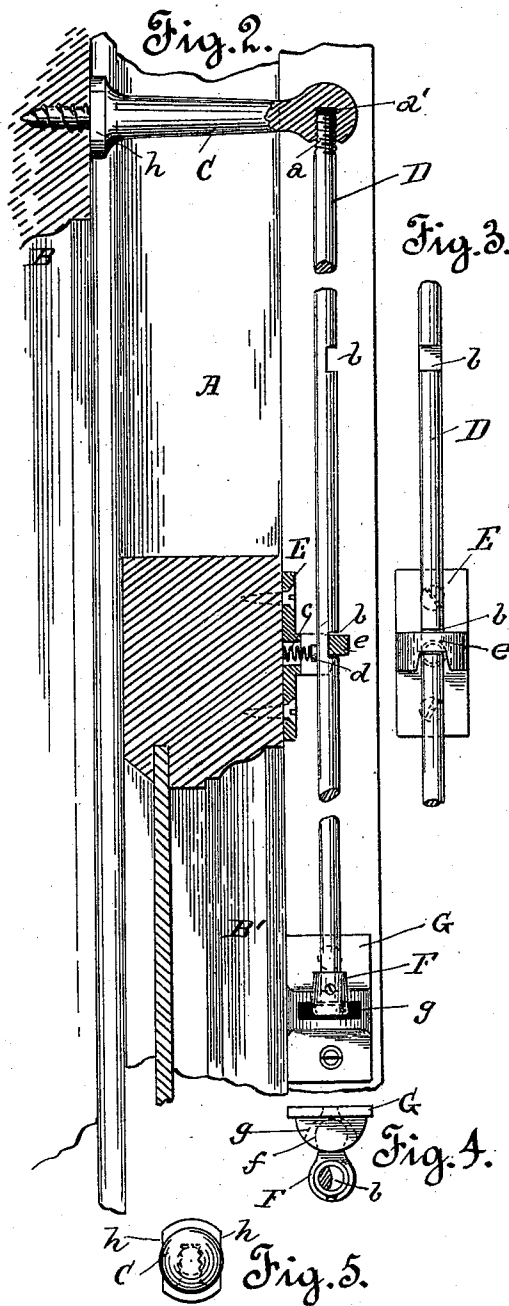
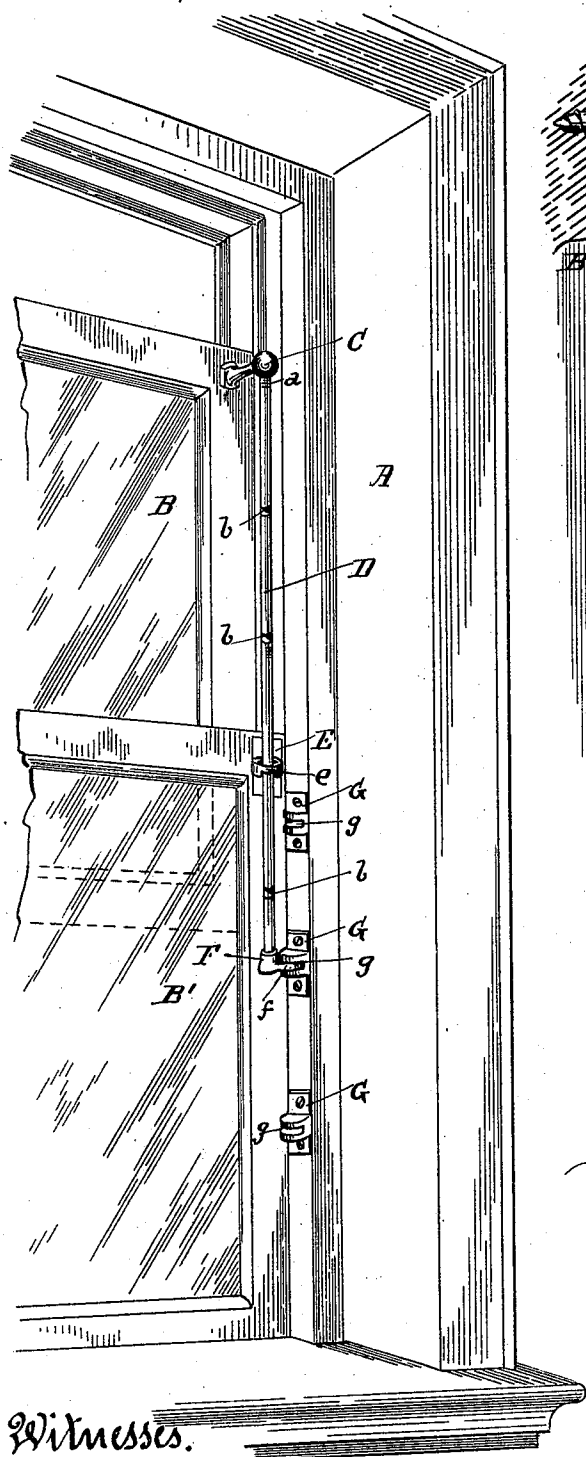


(No Model.)

F. CARSON & J. B. PATERSON.
SASH LOCK AND LIFT.

No. 576,526.

Patented Feb. 2, 1897.



Witnesses.

Stallmitz

William Tracy

Fig. 1.

Inventors:

Frank Carson
John B. Paterson
Per C. McNamee
Attorney

UNITED STATES PATENT OFFICE.

FRANK CARSON AND JOHN B. PATERSON, OF SAN FRANCISCO, CALIFORNIA;
SAID CARSON ASSIGNOR OF ONE-HALF TO GUY LATHROP, OF SAME PLACE.

SASH LOCK AND LIFT.

SPECIFICATION forming part of Letters Patent No. 576,526, dated February 2, 1897.

Application filed December 26, 1895. Serial No. 573,387. (No model.)

To all whom it may concern:

Be it known that we, FRANK CARSON and JOHN B. PATERSON, citizens of the United States, residing at San Francisco, county of San Francisco, State of California, have invented a new and useful Combination Burglar-Proof Sash Lock and Lift, of which the following is a specification.

Our invention relates to a combination burglar-proof sash lock and lift consisting of a slotted rod, the upper end of which is securely fastened to the top part of the upper sash and extends downward through a bracket attached to the lower sash, which contains a spring in a pocket on one side of the same for forcing the slots in the rod outward, so as to catch upon the outer portion of bracket for supporting and fastening the sash in place when either the upper or lower sash of window is adjusted to any desired opening by lowering or raising the same, and also having on the lower end of said rod a tongue-piece that may be turned so as to slide into a groove in a lock-bracket attached to the window-casing, thereby firmly securing and locking said sash, so that it is impossible to raise or lower either half of the window.

The object of our invention being to provide a simple and perfectly secure locking device for a window-sash, we attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a perspective of window, partly broken, showing the device locked in position with upper sash partly down. Fig. 2 is an enlarged detail side elevation, partly in section, of our device in locked position. Fig. 3 is an enlarged detail front elevation of spring-catch in lower sash. Fig. 4 is a top plan of lock-bracket, showing rod in cross-section through one of the grooves; Fig. 5, a front elevation of upper bracket-support to rod.

A represents the window-casing; B, upper sash of window; B', lower sash; C, screw-bracket, into which the screw end of supporting-rod is inserted; D, supporting-rod lift

holding sash in place; *a*, screw end of rod entering screw-bracket; *a'*, threaded opening in screw-bracket; *b*, slots in supporting-rod lift, into which spring-catch slides for holding the sash in place when raised or lowered; E, spring-catch device or bracket on lower sash that springs into slots on supporting-rod lift to hold sash in place; *c*, spring in catch device for forcing the slots in the supporting-rod lift upon the catch; *d*, cap over the end of said spring to keep it in place; *e*, small part of spring on catch device that slips into the slot in supporting-rod lift by means of the spring *e*; F, tongue-head of supporting-rod lift; *f*, tongue on head of rod which slips into groove in lock-bracket fastened to window-casing, locking sash at any particular place when raised or lowered, and is moved out of groove to unlock the sash to adjust it for locking at any particular point; G, lock-bracket fastened to window-casing; *g*, groove in lock-bracket into which the tongue on lower end of supporting-rod lift slides when locking the window in place; *h*, shoulder on screw-bracket.

What we claim as our invention, and desire to secure by Letters Patent of the United States, is—

In a combination sash lock and lift, the combination of the slotted supporting-rod D, revolutely seated in the bracket, extending from the upper sash; with the spring-bracket at the top of lower sash through which the rod passes, adapted to operate upon spring inclosed in bracket, when rod is turned, so as, to force the slots upon edge of bracket for the adjustment of sash, and the grooved bracket upon the window-casing, into which tongue-piece on lower end of the rod is turned to lock the sash in place, substantially as herein described and set forth.

FRANK CARSON.
JOHN B. PATERSON.

Witnesses:

GEO. W. GERHARD,
E. ALLEN SHERMAN, Jr.

Correction in Letters Patent No. 576,526.

It is hereby certified that in Letters Patent No. 576,526, granted February 2, 1897, upon the application of Frank Carson and John B. Patterson, of San Francisco, California, for an improvement in "Sash Locks and Lifts," an error appears requiring correction, as follows: In the grant it is stated that said Carson has assigned one-half of his right, title, and interest to Guy Lathrop, whereas it should have been stated that he had assigned *one-half of the entire interest* to said party; and that the said Letters Patent should be read with this correction therein that the same may conform to the record of the case in the Patent Office.

Signed, countersigned, and sealed this 16th day of March, A. D., 1897.

[SEAL.]

JNO. M. REYNOLDS,
Assistant Secretary of the Interior.

Countersigned:

JOHN S. SEYMOUR,
Commissioner of Patents.