

F. W. CHAUSSE.  
 WINDOW SASH LOCK.  
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1,006,357.

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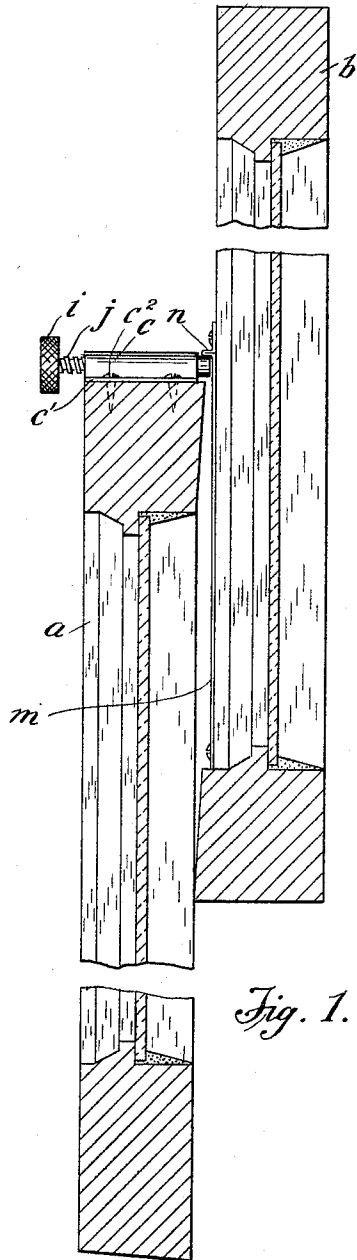


Fig. 1.

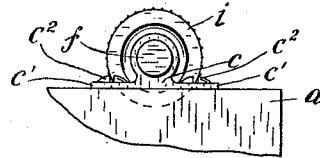


Fig. 4.

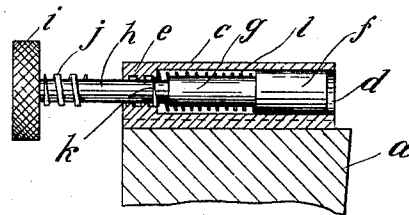


Fig. 3.

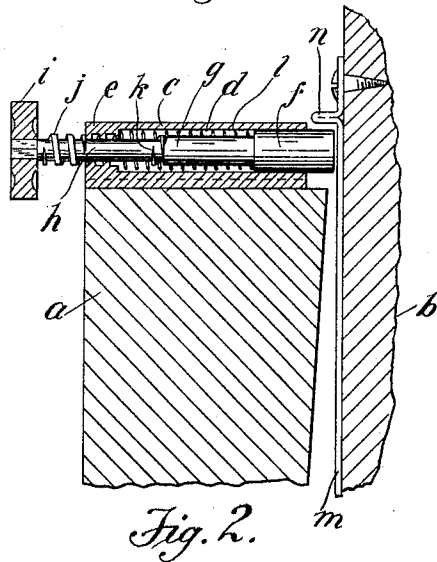


Fig. 2.

Witnesses:

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# UNITED STATES PATENT OFFICE.

FRANCIS W. CHAUSSE, OF PORTLAND, OREGON.

## WINDOW-SASH LOCK.

1,006,357.

Specification of Letters Patent. Patented Oct. 17, 1911.

Application filed February 19, 1910. Serial No. 544,907.

To all whom it may concern:

Be it known that I, FRANCIS W. CHAUSSE, a citizen of the United States, residing at 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.

My present invention has for its object to provide a convenient, inexpensive and easily applied lock for securing the window sashes against rattling in stormy weather, also to lock the sashes in such position as to afford ample ventilation, and to so secure the sashes that after having been locked in either their closed or ventilating position, the window cannot be opened by anyone attempting to enter from without.

My invention also is designed to be arranged in an inoperative position when not to be used, and comprises, furthermore, the specific details of construction and arrangements and combination of parts hereinafter described.

In the drawings constituting a part of this specification: Figure 1 is a vertical, partial cross-section of the upper and lower window sashes with my locking device applied thereto as in practice; Fig. 2 is a like sectional detail on a larger scale than Fig. 1; Figs. 1 and 2 showing my lock adjusted so as to prevent the further upward movement of the lower sash, or the downward movement of the upper sash, under circumstances when the window sashes have been adjusted to afford ventilation; Fig. 3 is a sectional detail of the upper portion of the lower window sash, with my lock applied thereto, which is shown adjusted in its inactive position; Fig. 4 shows the corner of the upper portion of the lower window sash having my lock affixed thereon.

*a* and *b* represent the window sashes. On the frame, at the left hand upper corner of the lower sash, is secured my lock. This consists of a barrel *c*, provided with a smooth bore chamber *d*, opened at one end and having a head *e* provided with a threaded orifice. The barrel *c* is provided with lateral flanges *e'* perforated to receive screws *e*<sup>2</sup>. The bolt

of my lock comprises a cylindrical head *f* adapted to reciprocate in the smooth bore chamber *d* of the barrel *c*. The bolt has a reduced middle portion *g* and a stem *h*; and on the exterior of the stem is a milled head *i*. The stem *h* is provided with a thread *j* at one end and a thread *k* at the opposite end; both said threads are adapted to mesh with the thread of the orifice of the head *e*.

Within the barrel, over the reduced portion of the bolt *g*, is a coil-spring *l*, by which the bolt of my lock, under normal conditions, is projected.

On the corresponding stile of the upper window sash, at its lower part, there is affixed a bar *m*, provided with an abutment *n*. The bar *m* is so arranged as to permit the lower sash to be lifted or the upper sash to be lowered to a limited degree, sufficient for affording ample ventilation, yet limiting the movement of either sash to that degree. By means of my lock the sashes may also be locked in position partially open to afford ventilation. This is accomplished by rotating the bolt of my lock in such wise as to cause the thread *j* to enter the threaded orifice of the head *e* of the barrel *c*, thus causing the head *f* of the bolt to bear with force against the frame of the upper sash, and causing such upper sash to bind in its ways. The same manipulation of my lock is resorted to when desiring to lock and bind the sashes, in their ways, against rattling, or against being opened at all, when closed.

When my lock is not to be used, by so manipulating the bolt as to cause the thread *k* thereof to engage with the threaded orifice of the head *e*, the bolt of my lock may be secured in the position in which it is shown in Fig. 3; the bolt being thus drawn entirely back in its barrel, and in consequence permitting the window sashes to be moved up and down just the same as if my locking means were not provided thereon.

I claim:

A sash lock comprising a barrel adapted to be attached to a window sash and provided at one end with a head having a

threaded orifice, a bolt reciprocable in said barrel, a coil-spring in the barrel arranged to project the bolt, threads on the stem of said bolt, said threads adapted to be engaged with said thread of the orifice in the head of the barrel, and said threads of the bolt-stem being located to serve to draw

back and hold said bolt in its barrel, and also to forcibly project said bolt beyond the degree it is projected by its coil-spring.

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Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."

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