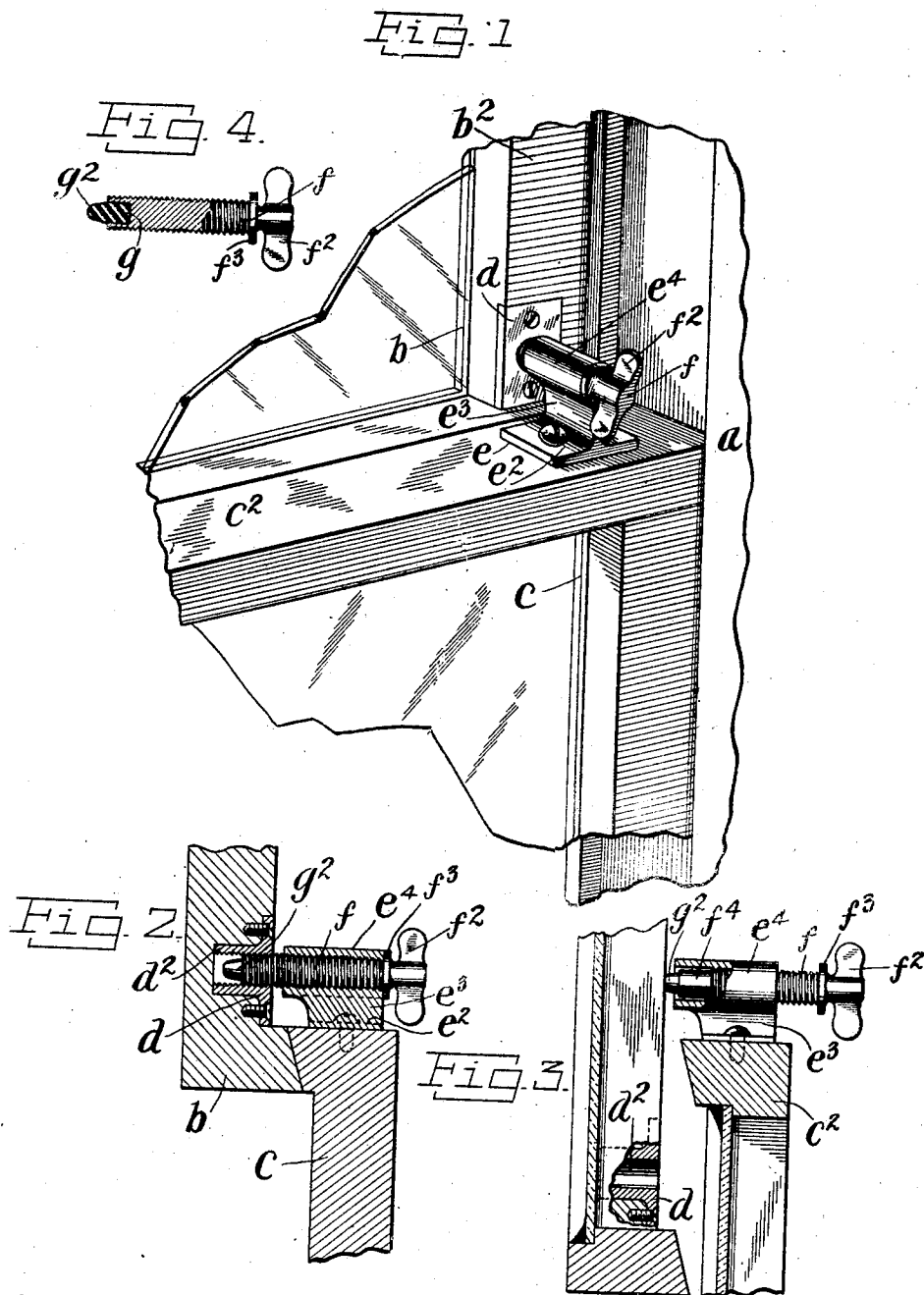


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WINDOW SASH LOCK.
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1,060,747.

Patented May 6, 1913.



Witnesses:
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UNITED STATES PATENT OFFICE.

JOHN DRYSDALE, OF NEW YORK, N. Y.

WINDOW-SASH LOCK.

1,060,747.

Specification of Letters Patent.

Patented May 6, 1913.

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To all whom it may concern:

Be it known that I, JOHN DRYSDALE, a citizen of the United States, and residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Window-Sash Locks, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to devices for locking the sashes of a window together in a closed position, and the object thereof is to provide an improved device of this class which is simple in construction, efficient in operation and which may also be used for the purpose of holding the sashes in an open or adjusted position for ventilation purposes, and which when so used will prevent the sashes from rattling.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which:—

Figure 1 is a perspective view of the central part of one side portion of a window showing the bottom part of the top sash and the top part of the bottom sash and showing my improved sash lock; Fig. 2 a transverse sectional view through the sash lock and that part of the top and bottom sashes with which it is connected; Fig. 3 a view showing the operation of the sash lock in holding the sashes in an open or adjusted position, the parts of the sashes being shown in section and parts of the upper sash and the lock being broken away; and, Fig. 4 a sectional side view of a screw-threaded bolt which forms a part of the sash lock.

In the drawing forming part of this specification, I have shown at *a* one side portion of a window frame, at *b* a bottom corner portion of the upper sash and at *c* a top corner portion of the lower sash.

My improved sash lock consists of two parts *d* and *e*, the first of which is secured to the upper sash and the last to the lower sash. The part *e* comprises a base plate *e*² having a central raised transverse portion *e*³, the top of which is provided with a transverse sleeve *e*⁴ through which is passed a threaded bolt *f* provided at its outer end with a thumb and finger head *f*² and inwardly thereof with a collar *f*³, and the in-

ner end of said bolt is provided with a projecting plug *g* which is countersunk and secured therein, and which is composed of rubber, or suitable fibrous material, and which forms a projecting nose piece *g*², the operation of which will be hereafter described.

In practice, the part *e* is secured on the top bar *c*² of the bottom sash *c* adjacent to the right hand side of the window frame, and the part *d* is secured to a mortise in the corresponding side portion *b*² of the top sash *b*, and said part *d* consists of a plate having a central and inwardly directed sleeve *d*² which is threaded interiorly and adapted to receive the inner end of the bolt *f* as clearly shown.

In the construction shown in Fig. 3, the inner end portion *f*⁴ of the bolt is not threaded nor is the sleeve *d*² of the plate *d*.

The operation will be readily understood from the foregoing description when taken in connection with the accompanying drawing and the following statement. Whenever it is desired to lock the sashes together and in a closed position as shown in Figs. 1 and 2, the bolt *f* is turned to the right until the inner end thereof enters the sleeve *d*², as shown in Fig. 2. This operation securely binds the sashes together and prevents the movement of either vertically and also prevents their rattling.

If it is designed to open the sashes as shown in Fig. 3 for ventilation or other purposes, the bottom sash must be raised, or the top sash lowered, or both of said sashes may be open after which the screw *f* is manipulated so as to force the nose piece *g*² against the side of the top sash as shown in Fig. 3. This will hold the sashes in the open position and will also prevent their rattling, but it is understood that in this position of the parts, the sashes are not absolutely locked against vertical movement.

With the inner end portion of the bolt *f* not threaded and the sleeve *d*² of the part *d* also not threaded as shown in Fig. 3, my improvement will still operate as a sash lock so as to prevent the vertical movement of the sashes but the sashes will not be drawn together as they will when said parts are threaded as shown in Fig. 2.

Although, I have shown my improved sash lock as applied at one side of the window only, it will be understood that it may be applied at both sides of the window, if

desired, and changes in and modifications of the construction described may be made within the scope of the appended claim, without departing from the spirit of my invention or sacrificing its advantages.

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

A window sash lock, comprising two parts one of which is adapted to be secured to the top of the bottom sash adjacent to one side thereof and the other to the face of the corresponding side of the top sash, the first named part being provided with a raised transverse interiorly threaded sleeve and a screw-threaded bolt passed there-

through and the last named part with an interiorly threaded sleeve adapted to receive the corresponding end of the bolt, said end of the bolt being also provided with a cushioned nose piece adapted to bear on the side of the top sash when the sashes or either of them is in an open position.

In testimony that I claim the foregoing as my invention I have signed my name in presence of the subscribing witnesses this 16th day of January 1913.

JOHN DRYSDALE.

Witnesses:

C. MULREANY,
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