

No. 880,530.

PATENTED MAR. 3, 1908.

W. J. HILLS.
WINDOW SASH FASTENER
APPLICATION FILED NOV. 13, 1907.

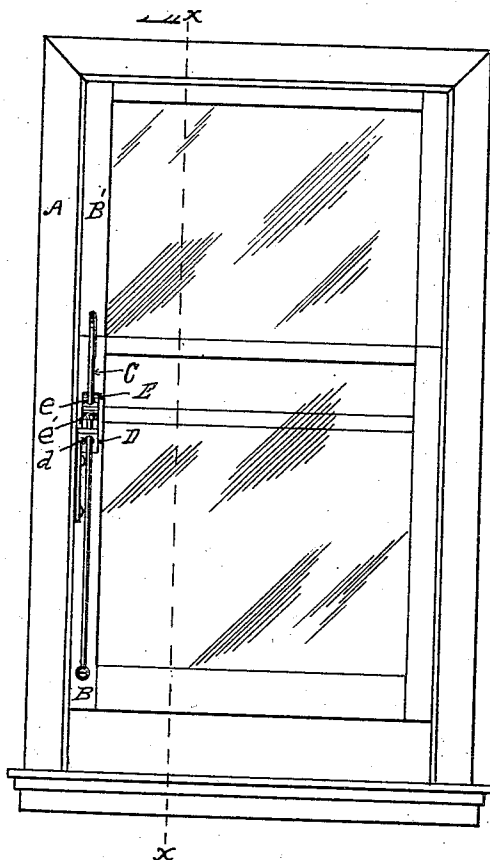


Fig. 1.

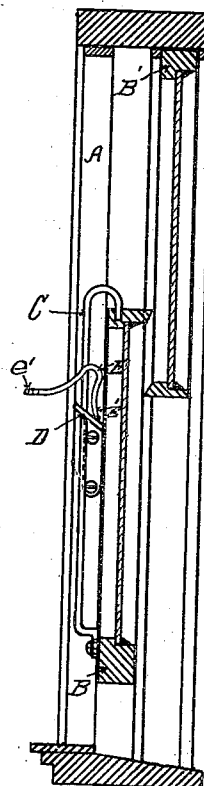


Fig. 2.

Fig. 3.

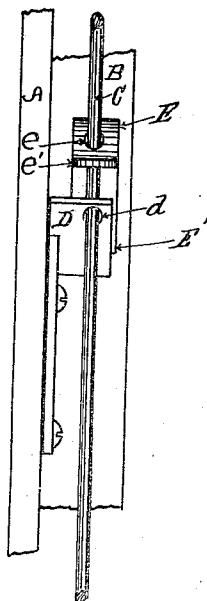
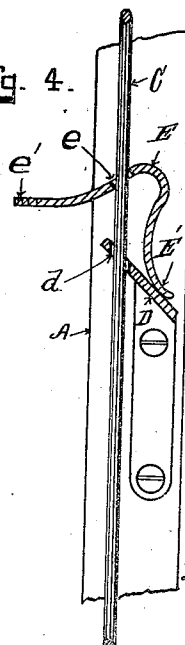


Fig. 4.



Witnesses.

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UNITED STATES PATENT OFFICE.

WILLIAM J. HILLS, OF WATERFORD, PENNSYLVANIA.

WINDOW-SASH FASTENER.

No. 880,530.

Specification of Letters Patent.

Patented March 3, 1908.

Application filed November 13, 1907. Serial No. 401,975.

To all whom it may concern:

Be it known that I, WILLIAM J. HILLS, a citizen of the United States, residing at Waterford, in the county of Erie and State of Pennsylvania, have invented certain new and useful Improvements in Window-Sash Fasteners; and I do hereby 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, reference being had to the accompanying drawings, and to the letters of reference marked thereon, forming part of this specification.

My invention relates to window sash fasteners for securing window sashes in any desired position, and consists substantially in certain novel features of construction and combination of parts hereinafter set forth and described, and illustrated in the accompanying drawings in which:

Figure 1 shows a view in elevation of a window embodying my invention. Fig. 2 is a vertical section of the same on the line $x-x$ in Fig. 1. Fig. 3 shows in elevation an enlarged detail of my invention. Fig. 4 shows a sectional detail of the same.

In these drawings illustrating my invention, A is a window sash frame, B the lower window sash, and B' the upper window sash all of the usual and ordinary construction.

To one side of the lower sash B, adjacent to the window frame A, I secure a vertical rod C, extending from the top of the sash B nearly to the bottom thereof, and to the inside of the frame A I secure a plate D inclined inwardly toward the sash B, said plate D having an opening d therein through which the vertical rod C slides freely, and upon the inclined plate D I place a curved locking-dog E, the inner end E' of which

rests and slides freely upon the top of the inclined plate D, and through the locking-dog E I make an opening e at an angle to the rod C, through which the rod C passes, as is clearly shown in Fig. 4; the outer end e' of the locking-dog E forming a thumb-piece for releasing the locking-dog.

In operation the rod C slides upward freely through the opening e in the locking-dog E, but when it is attempted to move the rod C downward, the inner end E' of the locking-dog E automatically slides downward on the top of the inclined plate D which brings the edges of the opening e in the dog into sharp contact with the rod C so as to firmly grip it and prevent its further downward movement, thus sustaining the sash B at whatever height it may be desired.

To release the dog E and thereby allow the rod C to slide downward therethrough it is only necessary to raise the end e' of the dog E, the lower end E' of which is thereby moved upwardly on the inclined plate D, when the rod C will move downward freely therethrough.

Having thus described my invention so as to enable others to construct and use the same, what I claim as new and desire to secure by Letters-Patent is:

The combination in a window fastener of a vertical rod C, an inclined plate D embracing said rod, and a curved locking-dog E embracing said rod, and having its inner end resting on said inclined plate, substantially as and for the purpose set forth.

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

WILLIAM J. HILLS.

Witnesses:

H. M. STURGEON,
JOHN B. BROOKS.