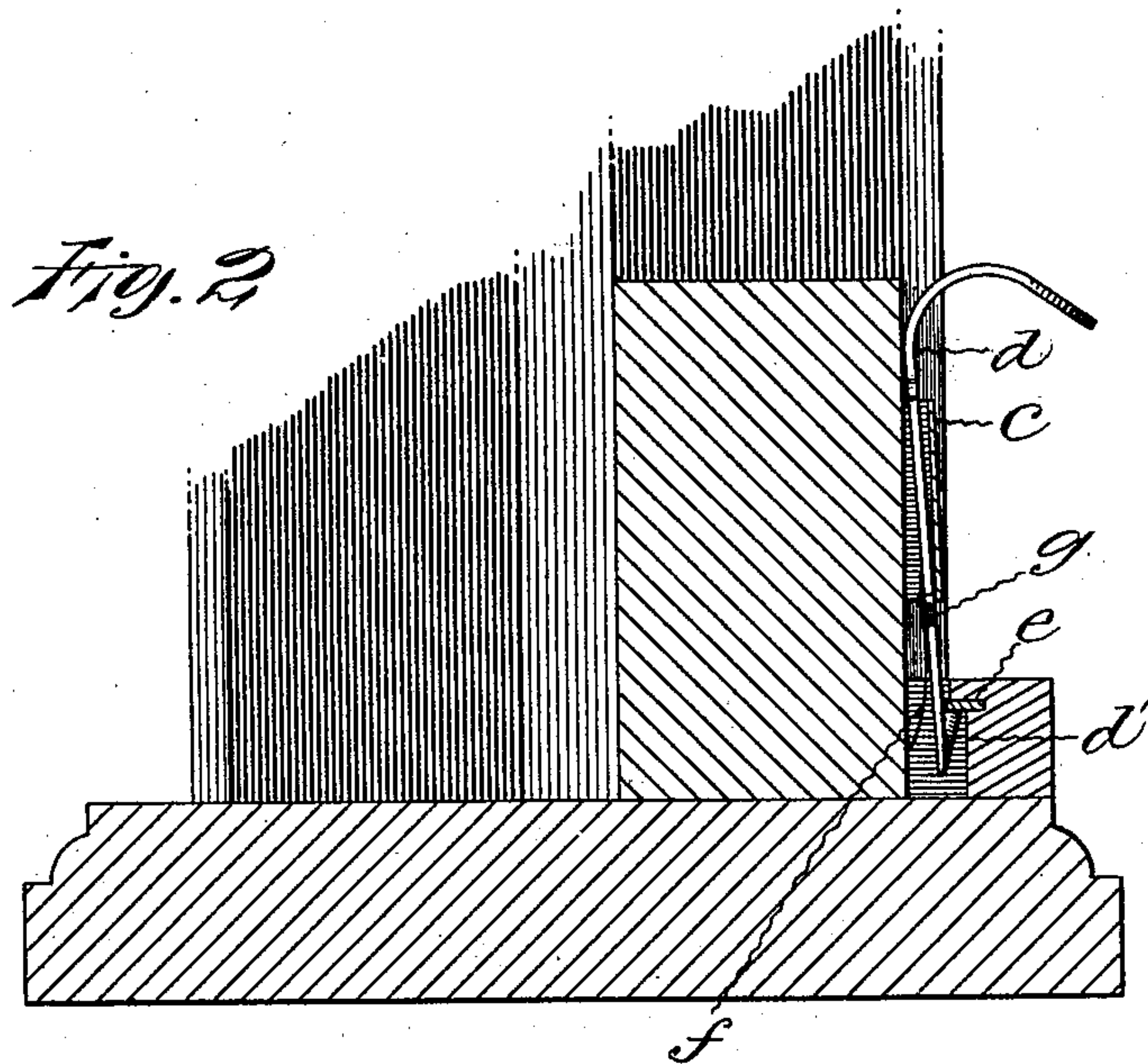
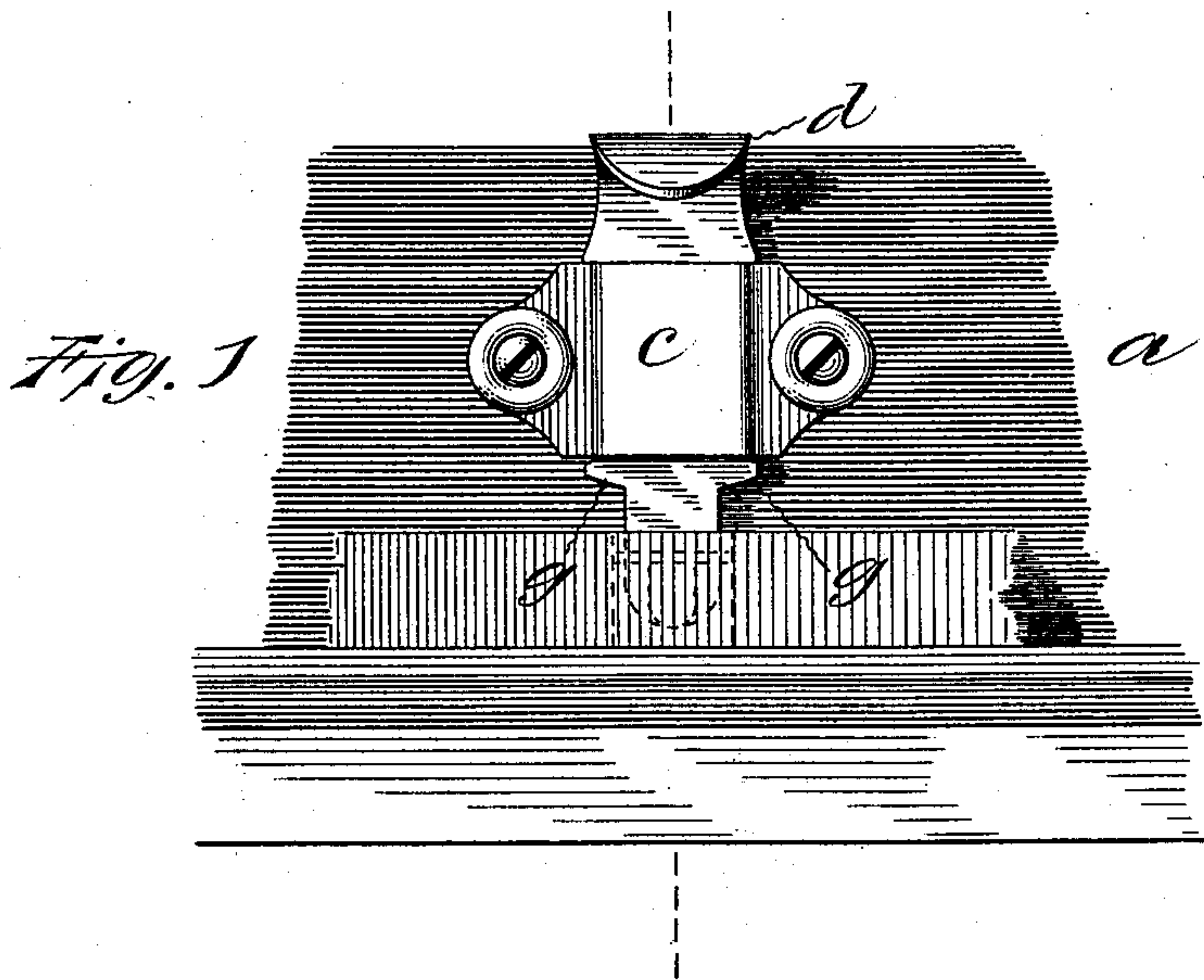


(No Model.)

W. J. NEIDL.
SASH FASTENER.

No. 591,537.

Patented Oct. 12, 1897.



Witnesses:

Andrew Ferguson,
C. E. Buckland.

Inventor:

William J. Neidl
By W. Z. Simonds
Atty

UNITED STATES PATENT OFFICE.

WILLIAM J. NEIDL, OF NEW BRITAIN, CONNECTICUT.

SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 591,537, dated October 12, 1897.

Application filed November 16, 1896. Serial No. 612,334. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM J. NEIDL, a citizen of the United States of America, residing at New Britain, in the county of Hartford and State of Connecticut, have invented a certain new and useful Improvement in Window-Sash Catches, of which the following is a description, reference being had to the accompanying drawings, wherein—

Figure 1 is a front view. Fig. 2 is a view in vertical cross-section on the plane denoted by the dotted line *xx* of Fig. 1.

My invention relates to self-acting sash-fastener lifts; and it consists in the specific improvement herein set forth and claimed, in which a pull-catch pivotally attached to the sash coöperates with a fixed catch attached to the window-frame and with a spring so arranged that the two catches automatically intermesh and lock the sash whenever the latter is closed, while the two automatically disengage when the pull-catch is operated for lifting the sash.

In the accompanying drawings the letter *a* denotes the window-sash as a whole, which has the ordinary up-and-down movement in the frame, and the letter *b* denotes a part appurtenant to such window-frame.

The letter *c* denotes a clip suitably attached to the sash. In this clip the pull-catch *d d'* is hung somewhat loosely, making, in effect, a pivotal attachment of the pull-catch to the window-sash. The letter *d* denotes what may

be termed the "body" of this pull-catch and *d'* the catch proper. The letter *e* denotes another catch appurtenant to the window-frame and adapted for coöperation with the catch *d'*. The spring *f* tends to push these two catches into an intermeshing position in which the sash is held locked down to the shut position.

The letter *g* denotes stops appurtenant to the body of the pull-catch and bearing against the clip.

It will be readily understood that when the sash is thrown down to the bottom of its vertical play the two catches automatically intermesh and practically lock the window-sash in that position. When a person wishes to raise the sash, he simply takes hold of the upper end of the pull-catch, pulls it forward a little, disengaging the two catches, and then by a practical continuation of the same manipulation raises the sash by pulling upward upon the pull-catch.

I claim as my improvement—

In combination, the sash *a*, the clip *c*, the pull-catch *d d'* hung loosely in the clip and provided with stops *g*, the catch *e*, and the spring *f*, all substantially as described and for the purposes set forth.

WILLIAM J. NEIDL.

Witnesses:

OTTO JABORUETZ,
VALENTINE BOLLERER, Jr.