No. 816,337. PATENTED MAR. 27, 1906.

J. KILLMEYER.

WINDOW LOCK.

APPLICATION FILED OCT. 2, 1905.

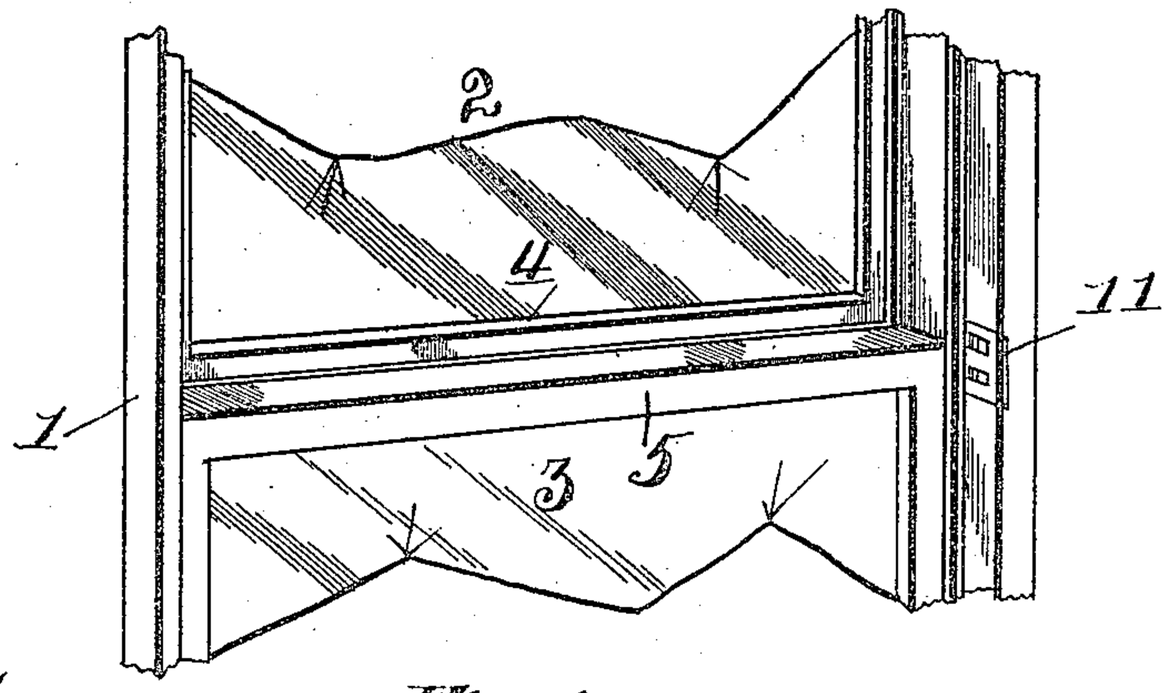

Fig. 1.

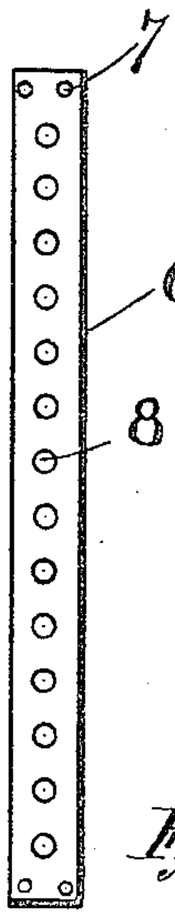

Fig. 2.

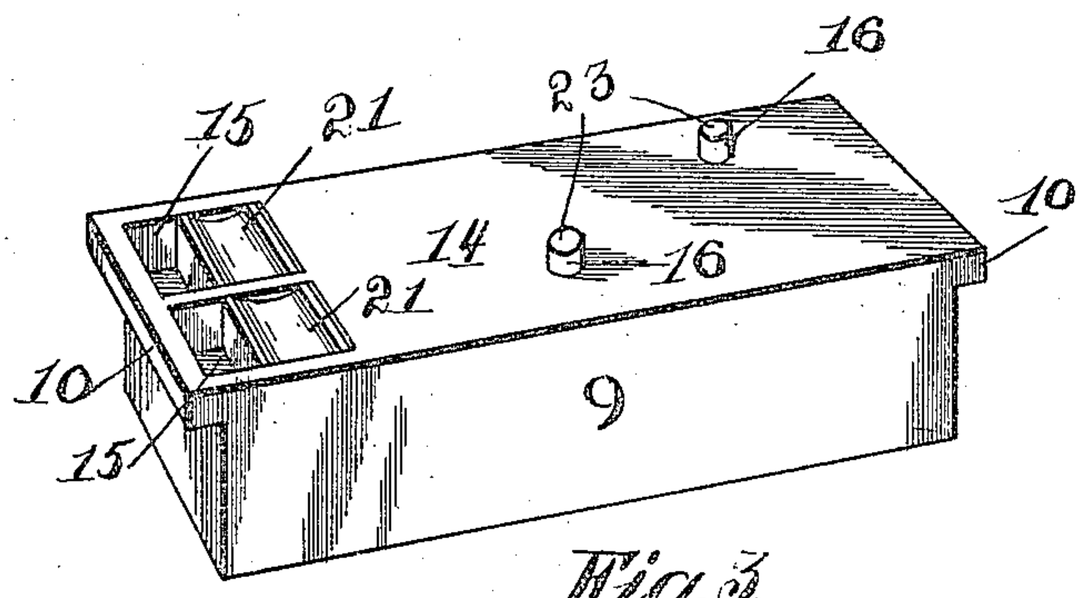

Fig. 3.

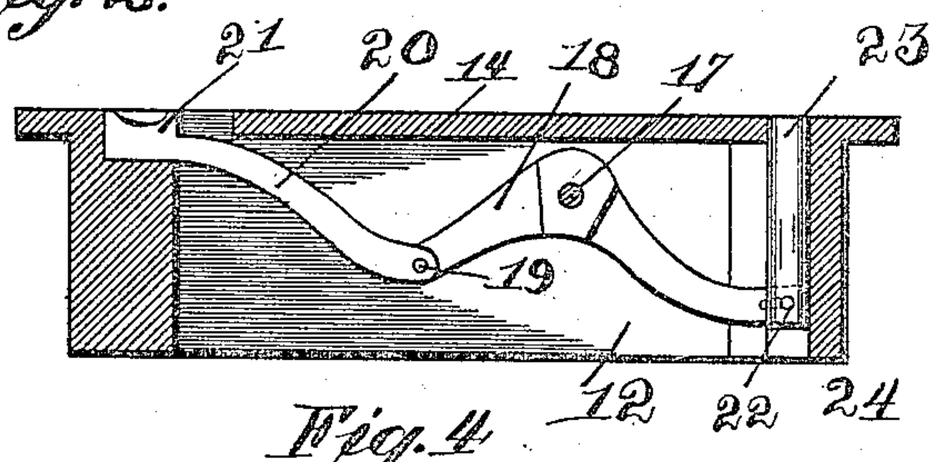

Fig. 4

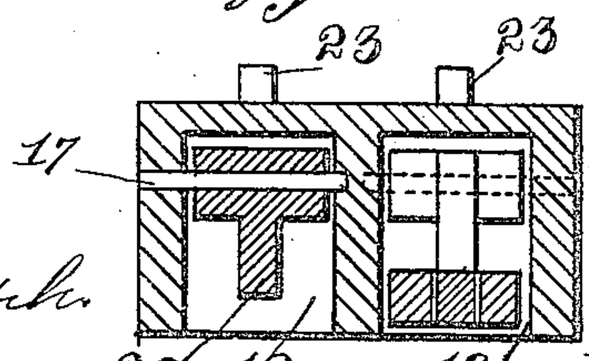

Fig. 5.

Witnesses.
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UNITED STATES PATENT OFFICE.

JACOB KILLMEYER, OF PITTSBURG, PENNSYLVANIA.

WINDOW-LOCK.

No. 816,337. Specification of Letters Patent. Patented March 27, 1906.

Application filed October 2, 1905. Serial No. 281,029.

To all whom it may concern:

Be it known that I, JACOB KILLMEYER, a citizen of the United States of America, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Window-Locks, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to certain new and useful improvements in window-locks; and the invention has for its object the provision of a novel form of lock adapted to be used in connection with the window-frame for simultaneously locking the sashes of the window in a closed position or in any position to which they may be adjusted.

Another object of this invention is to provide a window-lock which can be easily embodied in the present construction of window-frames, and in the construction of my improved lock I have devised a mechanism which will entirely dispense with the use of springs heretofore used in connection with this class of locks.

A further object of this invention is to provide a lock which will be extremely simple in construction, strong and durable, comparatively inexpensive to manufacture, and highly efficient for the purpose for which it is used.

With the above and other objects in view, which will more readily appear as the nature of the invention is better understood, the same consists in the novel construction, combination, and arrangement of parts to be hereinafter more fully described; but the preferred embodiments of this invention are illustrated in the accompanying drawings, in which—

Figure 1 is a fragmentary perspective view of a window-frame equipped with my improved lock; Fig. 2, a side elevation of a size adapted to be used in connection with my improved lock. Fig. 3 is a perspective view of a lock-casing. Fig. 4 is a longitudinal sectional view of the same. Fig. 5 is a cross-sectional view of the lock.

In the accompanying drawings I have illustrated a window-frame 1 of a conventional form, and in this window-frame are mounted two sashes 2 3, having meeting-rails 4 5.

My invention resides in providing one side of each of the sashes 2 3 with metal perforated strips 6, these strips being secured to the sides of the sashes 2 3 by screws 7 or the like fastening means. The perforations 8 of the strips 6 are arranged in vertical alinement with one another, and the number of perforations formed in each strip depends upon the minute adjustment desired for each window-sash.

The lock employed in connection with the frame 1 and the sashes 2 3 consists of a rectangular casing 9, the ends of which are flanged, as at 10 10. The window-frame 1 is cut away, as at 11, adjacent to the meeting-rails 4 5 of the sashes, and the casing 9 is suitably secured within the cut-away portion of the sash. The casing is provided with two compartments or slots 12 12, which are formed longitudinally of the casing 9. The top 14 of the casing is provided with two openings 15 15, which communicate with the compartments or slots 12 12. The top of the casing is also provided with vertically-disposed apertures 16 16, communicating with the compartments 12 12, as clearly illustrated in Figs. 4 and 5 of the drawings.

In each compartment of the casing 9 I have pivotally mounted by a pin 17 a bell-crank lever 18, one end of which is pivotally connected, as at 19, to a headed lever 20. The head 21 of the lever extends into the opening 15 of its respective compartment, and this head is grooved or cut away, as at 22, to provide a notch, whereby it can be conveniently gripped when it is desired to actuate the bell-crank lever 18. To the opposite end of the bell-crank lever 18 is pivotally connected, as at 22, a pin 23, this pin being mounted in guideways 24 24, formed in the side walls of the compartment and adapted to guide the pin 23 in its movement through the opening 16 of said compartment.

In mounting my improved lock in the frame 1 the same is positioned whereby one of the pins 23 will engage the upper sash 2, while the other pin will engage the lower sash 3. These pins are adapted to enter the perforations 8 of the metal strip 6, this being accomplished by the heads 21 of the levers 20 in the openings 15, which movement will cause the levers 20 to impart a rocking movement to the bell-crank levers 18 and move the pins 23 into and out of engagement with the metal strips of the sash 2 3. In this manner the sashes can be adjusted to any desirable position and locked, so that they cannot be surreptitiously opened from the exterior of the window-frame.

What I claim, and desire to secure by Letters Patent, is—

In a window-lock the combination with a window-frame and sashes, of perforated metal strips carried by the sides of the sashes, a lock-casing mounted in the window-frame, rocking levers pivotally mounted in said casing, pins pivotally connected to said levers and extending through the outer wall of the casing and into the perforations in the said strips, and longitudinally-sliding levers pivotally connected to said rocking levers, said sliding levers being formed with heads seating in openings in the outer face of said casing.

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

JACOB KILLMEYER.

Witnesses:

C. KLOSTERMANN,

J. A. MEANS.