

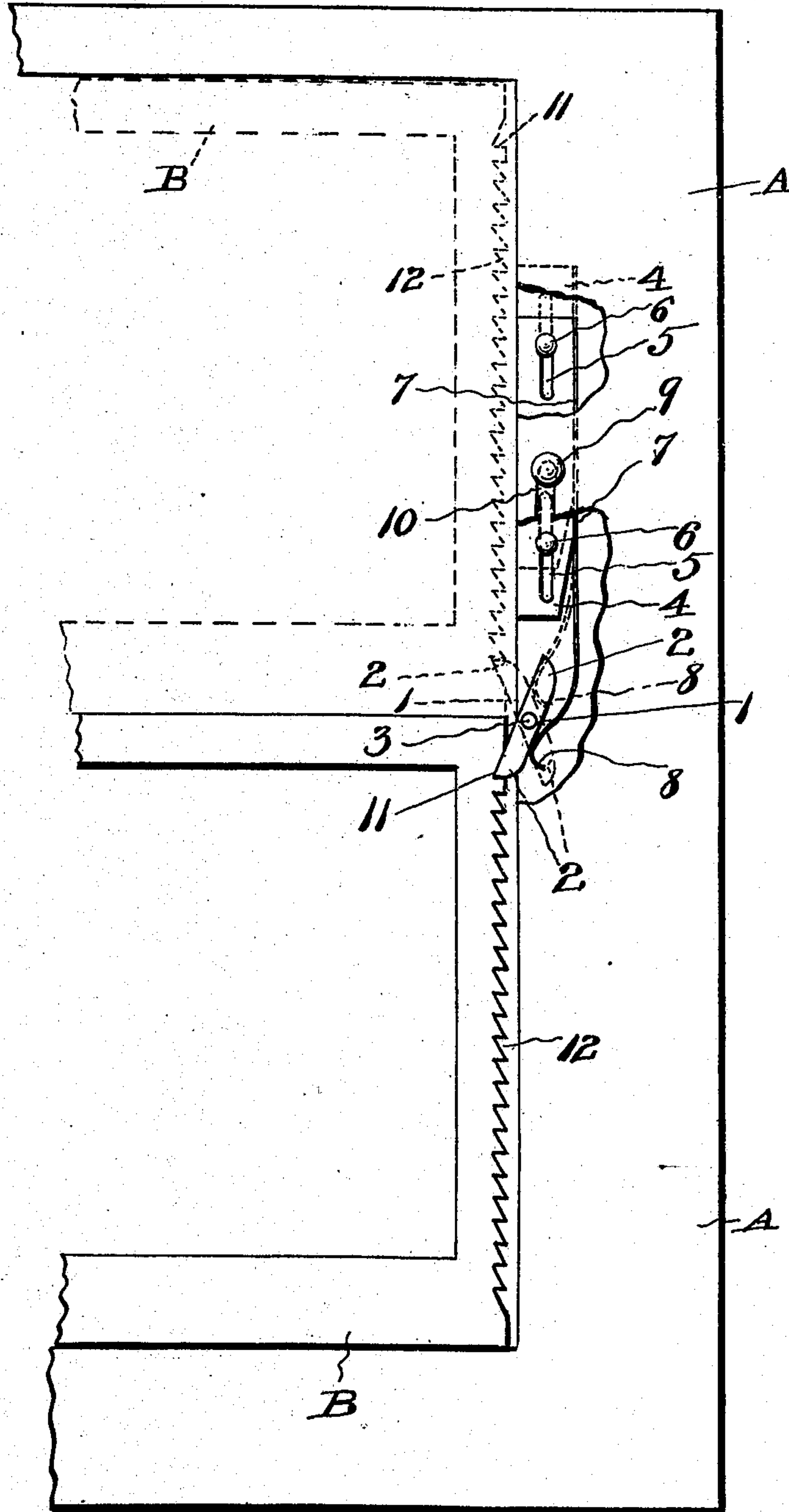
J. W. RYKARD.

SASH FASTENER.

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911,076.

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Inventor

Witnesses

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JOHN W. RYKARD, OF ABBEVILLE, SOUTH CAROLINA.

SASH-FASTENER.

No. 911,076.

Specification of Letters Patent.

Patented Feb. 2, 1909.

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To all whom it may concern:

Be it known that I, JOHN W. RYKARD, a citizen of the United States, and a resident of Abbeville, in the county of Abbeville and State of South Carolina, have invented certain new and useful Improvements in Sash-Fasteners, of which the following is a full and complete specification.

My invention relates to fasteners for window-sashes, and has for its object the provision of a reversible spring-actuated latch member to engage notches in the sash, so as to fasten the sash in a closed position or to hold it in a raised position, and a slidable actuating member secured to the latch-actuating spring to reverse the position of the latch.

The construction and operation of my improved sash fastener will be described in detail hereinafter and illustrated in the accompanying drawing, which is a view of a fragment of a window-casing, broken away, and of a sash showing my improved fastener in place and in full lines showing it in position to hold the sash in a closed position, and in broken lines the position to hold the sash in a raised position.

In the drawings A indicates the window-casing and B the sash slidably mounted therein.

My improved fastener consists of a latch member comprising a bar 1, having its two ends beveled as shown at 2, said bar being pivotally secured to casing A intermediate of its ends by means of pin 3.

4 indicates a plate having slots 5 therein, and 6 pins secured to the casing A and engaging the slots to slidably secure the plate to the casing. Secured to plate 4 is a leaf-spring 7 having its free end curled, as shown at 8, and engaging latch-bar 1. A button 9 is secured to plate 4 and has its shank extending through a slot 10 in the casing A, so that the head of the button extends outside of the casing to actuate the plate.

The edge of sash B is formed with notches to be engaged by the latch-bar 1, one notch 11, being positioned to engage the bar when in position to lock the sash in a closed position, and a plurality of notches 12 being cut at intervals in the form of a ratchet of continuous notches, as shown in the drawings, to be engaged by the bar when in a reversed position, to hold the sash at different heights when raised.

In operation the plate 4 is slid downwardly by means of button 9 when it is desired to lock the sash in a closed position, the spring 7, by engaging the bar 1 below the pivot-pin 3, moving the bar so that its lower end engages the edge of sash B, and when closed the bar enters notch 11 and holds the sash from movement.

When it is desired to raise the sash, the plate 4 is moved upwardly by the button 9, so that the spring 7 engages the bar 1 above the pivot-pin 3, swinging the bar from engagement with notch 11 and reversing its position so that the upper end engages the sash. The sash may then be reversed and raised, the bar 1 riding on the sash and over notches 11 and 12 until it is in the position desired, when the bar engaging the notch 12 opposite its upper end holds it from being lowered until moved by reversing the position of the plate.

It will be apparent that the friction of the spring 7 on the bar 1 holds the plate when in its uppermost position from accidental displacement.

Having thus described my invention, what I claim is—

1. In combination with a window-frame, and a sliding sash therein having a plurality of notches in its edge, a latch-bar pivoted in its middle, in said frame, a plate slidably mounted in the frame, and a spring secured to the plate and slidably engaging said bar to rock it so that its ends alternately engage the edge of the sash and the notches therein, substantially as shown and described.

2. In combination with a window-frame, and a sliding sash therein having a plurality of notches in its edge, a latch-bar pivoted in its middle in said frame, a plate slidably mounted in the frame, and having slots therein, pins engaging said slots and secured to the frame, and a spring secured to the plate and slidably engaging said bar to rock it so that its ends alternately engage the edge of the sash and the notches therein, substantially as shown and described.

In witness whereof, I have hereunto set my hand in presence of two subscribing witnesses.

JOHN W. RYKARD.

Witnesses:

GEORGE F. SMITH,
R. E. HILL.