

No. 835,931.

PATENTED NOV. 13, 1906.

J. A. BOCK.

WINDOW FASTENER.

APPLICATION FILED JULY 7, 1906.

Fig. 1.

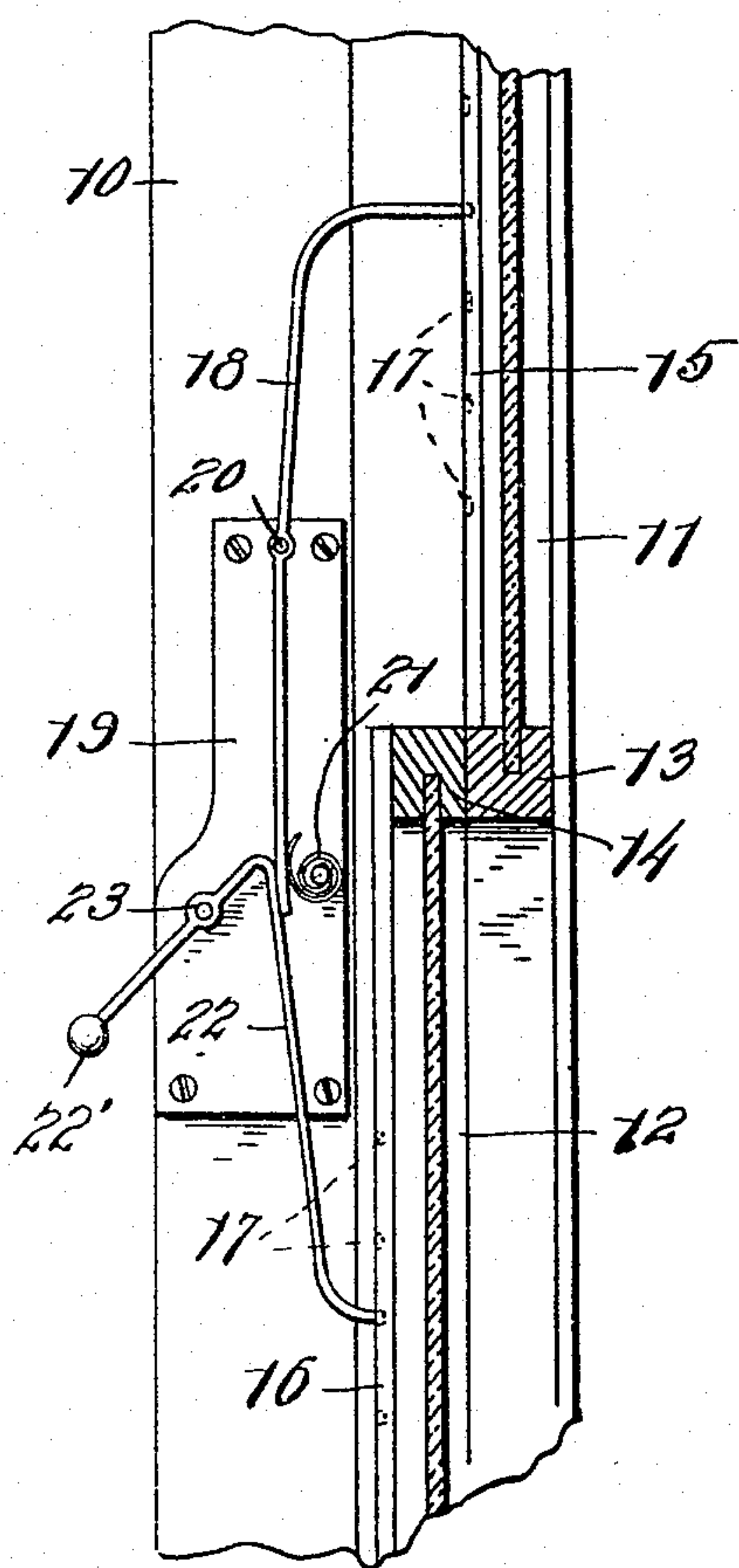
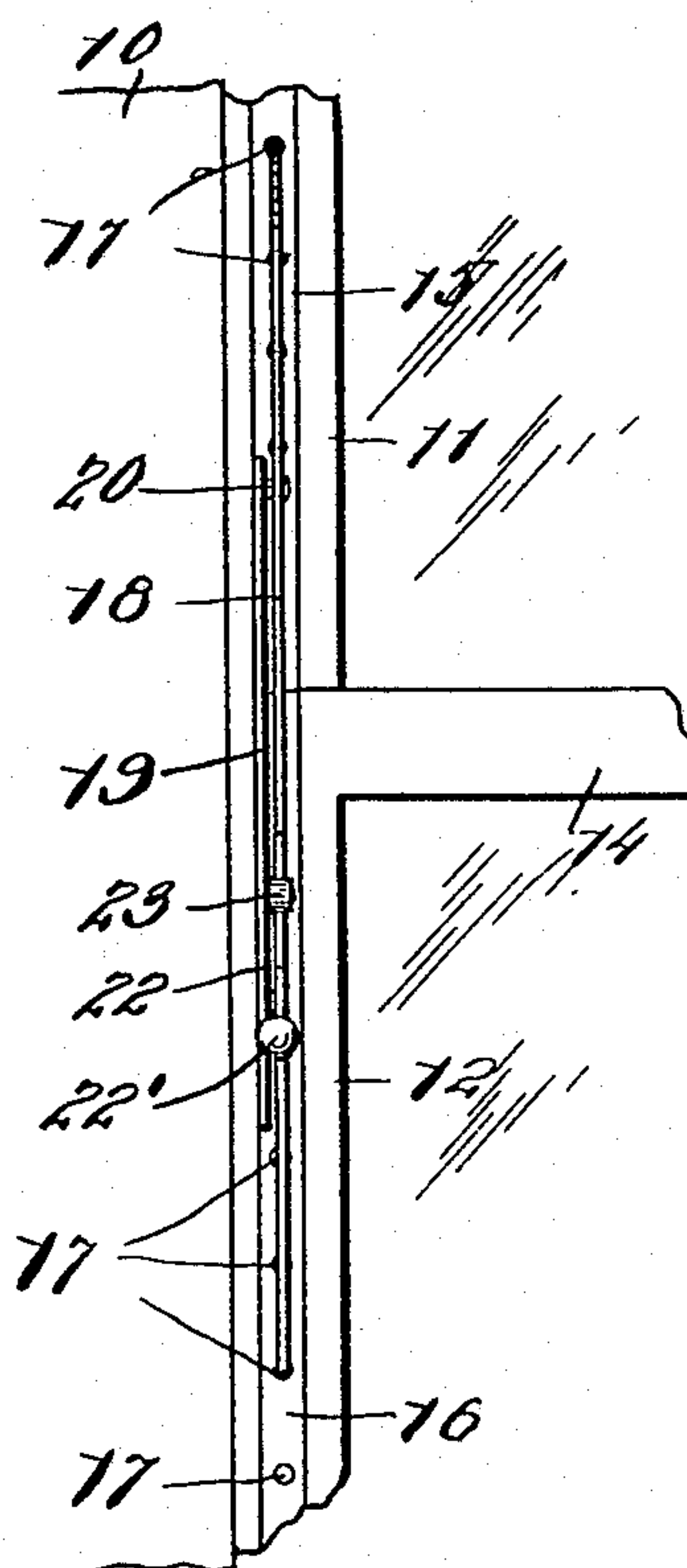


Fig. 2.



Witnesses

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JOHN A. BOCK, OF MURFREESBORO, TENNESSEE.

WINDOW-FASTENER.

No. 835,931.

Specification of Letters Patent.

Patented Nov. 13, 1906.

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To all whom it may concern:

Be it known that I, JOHN A. BOCK, a citizen of the United States, residing at Murfreesboro, in the county of Rutherford, State of Tennessee, have invented certain new and useful Improvements in Window-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.

This invention has relation to window-fasteners that are adapted to fasten either sash in partially-open position while the other is fully closed or to lock both sashes in partially or fully open or closed position.

It is the purpose of the invention to provide simple and thoroughly efficient means for effecting the fastening of the sashes as above indicated by constructing the stiles on one side as substantial rack-bars and pivot-sash fasteners on the window-frame, which sash-fasteners it is proposed to have engage the holes or notches in the stiles by a spring or springs acting thereon to keep the windows down or up, as the case may be, and when it is wanted to move the sashes to open or close the windows or to partially open or partially close the same the latch-fastener will be disengaged from the notches or holes in the stiles by pulling down upon a knob or similar device and lifting or pulling the latches out of the said notches or holes when the sashes may be raised and lowered with freedom to any position desired.

The form of means for carrying my invention into effect may be varied; but that shown in the annexed drawings will be found efficient and is one of the forms embodying my invention and, for the sake of explanation, constitutes a part of this specification.

Of the said drawings, Figure 1 is a side elevation of the improved window-fastening device. Fig. 2 is a front elevation of a window-frame and two sliding sashes equipped with the invention.

Similar figures of reference designate similar parts or features, as the case may be, wherever they occur.

In the drawings, 10 designates the window-frame, in which there are an upper sliding sash 11 and a lower sliding sash 12.

13 is the meeting-rail of the upper sash, and 14 designates the meeting-rail of the lower sash. The stiles of the upper and lower sashes that are operated upon by the present

invention are indicated by the reference-numerals 15 and 16, respectively. The said stiles 15 and 16 have holes or notches 17 made therein at short intervals and along lines 60 where they will not appreciably mar the stiles and, if it is possible in all cases, behind the guide-strips at the side, where they will not show at all. In the drawings the notches or holes 17 are made to show very plainly in 65 order that the construction and mode of operation of the invention may be clearly understood.

As has been indicated, the fastening device is connected with the window-casing at a point substantially opposite the meeting-rails of the sashes. The upper fastener 18 is pivoted on a plate 19, secured to the casing on the pivot-pin 20, its lower end extending down to a point above a spring 21, connected 75 with the plate 19, so that the said spring will tend to force its lower end outward and its upper angular end inward in engagement with one of the holes formed in the stile 15.

The lower fastening device 22 is pivoted to 80 the plate 19 on the pivot 23. The latter fastening device projects upwardly over the rod forming the fastener 18 and is bent back and inward, so that its lower end is adapted to extend into one of the holes or notches made in 85 the stile 16. When the fastener-rod 22 extends over the lower end of the rod 18, it corresponds with the point where the latter rod 18 bears on the spring 21, and as the rod 22 has a knob 22' on its outer end beyond its 90 pivotal point 23 when the said knob is drawn upon to release the fastening device 22 with one of the notches of the stile 16 of the lower sash its angular bend that rests on the lower end of the fastening means 18 depresses said 95 lower end, lifting the upper end out of engagement with a notch in the stile 15 of the upper sash, so that the latter is free to be moved up or down.

It is now to be understood that when the 100 knob 22' is drawn upon and both fastening devices are pulled out of engagement with the notches formed in the stiles 15 and 16 both the upper and lower sashes may be moved to any position desired, and upon the 105 release of the said knob or fasteners they will engage the notches in the stiles and hold the sashes in adjusted position. Should it be desired to move but one sash, that may be done and the sash locked after the fastener is released, as described. 110

No further description appears necessary to

the giving of a clear understanding of the invention, which is exceedingly simple in construction and mode of operation and fastens the sashes or either of them in any position
5 desired.

What is claimed as the invention is—

10 In a window-fastening means, the combination with the casing, of the movable sashes, the stiles of which on one side are provided with holes or notches, a spring-operated fastener on the window-casing to engage the notches in the stile of one sash, a fastener to engage the notches of the other sash, also pivoted on the window-casing and operated

in one direction by said spring, means connected with the latter fastener to be manually operated to disengage it from the notches in the stile of its sash, the construction and arrangement being such that when the latter fastening is disengaged from its sash it dis- 20 engages the first-mentioned fastener from its sash.

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

JOHN A. BOCK.

Witnesses:

GEO. F. CRONOR,
ADAM BOCK.