(No Model.)

L. WOODARD.

SASH FASTENER.

No. 512,785. Patented Jan. 16, 1894.

Fig. 1.

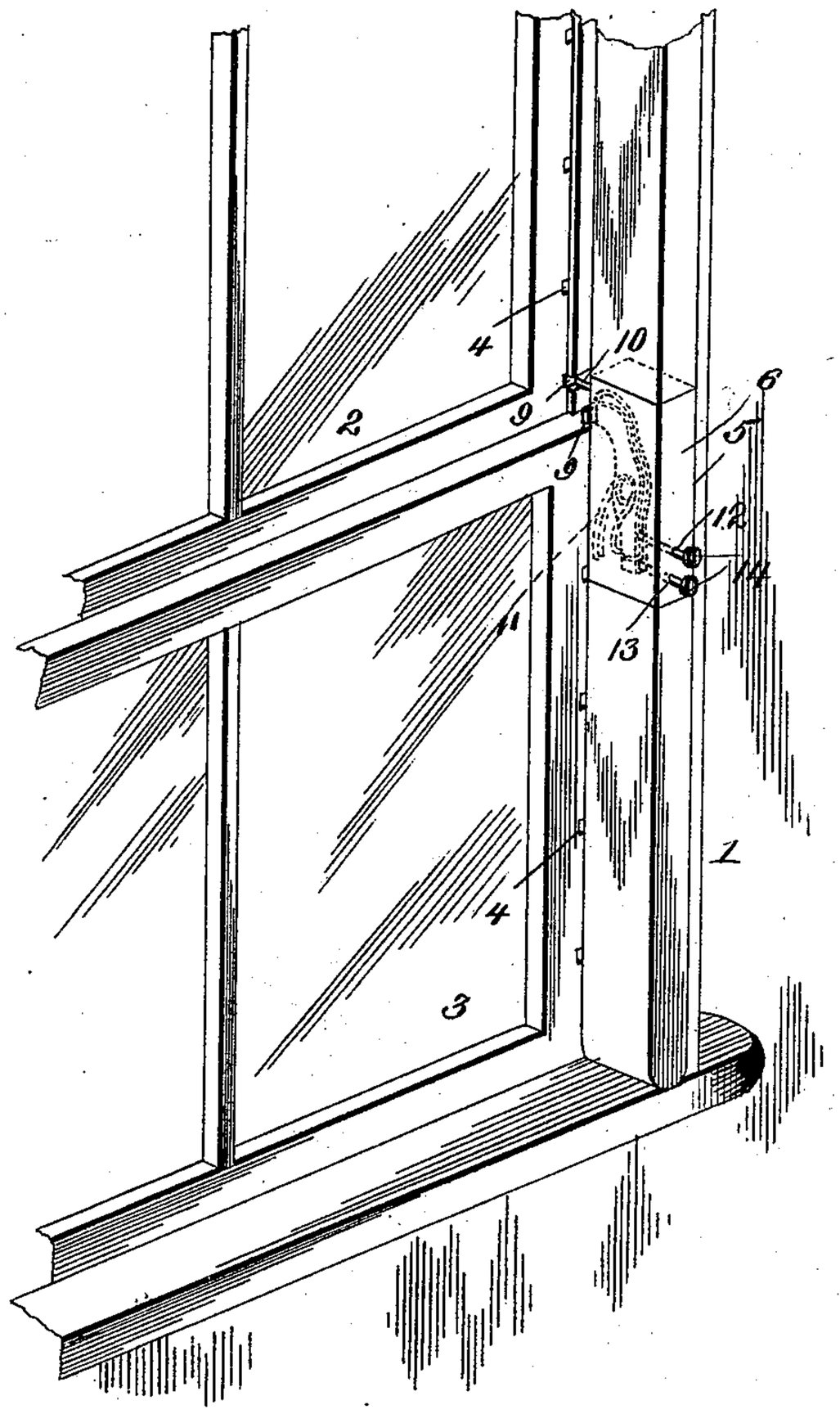
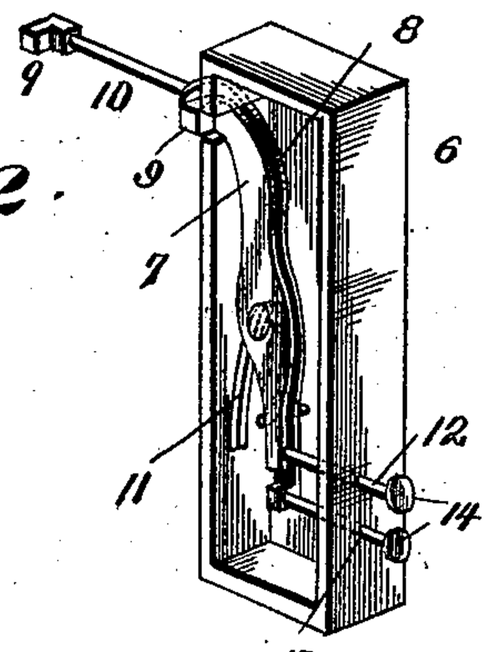


Fig. 2.



Witnesses

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LUKE WOODARD, OF MUNCIE, INDIANA.

SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 512,785, dated January 16, 1894.

Application filed September 14, 1893. Serial No. 485,504. (No model.)

To all whom it may concern:

Be it known that I, LUKE WOODARD, a citizen of the United States, and a resident of Muncie, in the county of Delaware and State of Indiana, have invented certain new and useful Improvements in 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.

This invention relates to certain new and useful improvements in sash fasteners and has for its object to simplify the construction of such devices, and render the same strong and durable with comparatively little expense and which can be easily put in and operated without requiring mechanical skill.

With these and other objects in view the invention consists of the construction and arrangement of the several parts, which will be more fully hereinafter described and claimed.

In the drawings: Figure 1 is a perspective view of a portion of a window frame and sash broken away in part to show the construction and operation of the improved fastener. Fig. 2 is an enlarged perspective view in detail, of the fastener detached and having the casing thereof broken away to show the interior construction.

Similar numerals of reference are employed to indicate corresponding parts in the several views.

Referring to the drawings, the numeral 1 designates a window frame having upper and lower sash, 2 and 3, which are provided at one edge with a series of angular notches or indentations 4.

Within the stop 5 at one side of the sash is mounted a metallic casing 6, wherein is pivotally located a pair of catches 7 and 8 having upper engaging noses or ends 9, the nose 9 in connection with the catch or fastener 8 being supported by a rod 10, which is counter sunk in the side of the frame so as to be out of the way of the movement of the lower sash and thereby provide means for equally well locking the upper sash. The said catches or fasteners 7 and 8 are spring actuated as at 11, to normally impel the engaging ends or noses thereof, inwardly toward the sash to assume a locking position. The lower ends of the catches or fasteners 7 and 8 have rods 12 attached thereto which pass through openings 13 in an outer exposed edge of the casing 6 and are supplied with knobs or buttons 14, which are operated to press the catches or fasteners inwardly at their lower ends, and release the upper ends of the same from the sash in order to permit the lower sash to be raised or lowered, and a similar operation of the upper sash as may be desired.

As shown in the accompanying drawings, when the lower catch or fastener is in its normal position, relatively to the lower closed sash the engaging end or nose thereof is located over the upper rail of the same to thereby provide a convenient and secure lock.

It will be observed by means of the device herein set forth that a single lock is employed to secure both sash whether closed or open, and it will be thus seen that the window may be slightly raised or lowered at night for ventilation and still be locked against further elevation by improper persons desiring to force an entrance therethrough. The lock or fastener also obviates the danger of carelessness of servants or others, who fail to lock windows as ordinarily constructed, by virtue of the fact that the spring forces the catch or fastener into one of the notches, in the sash or over the top rail as stated of the lower sash the moment either of the sash are closed.

The invention is also advantageous in that it operates equally well on windows with weights or springs and those which are hung without such devices.

Having thus described the invention, what is claimed as new is—

In a sash fastener, the combination with upper and lower sash having notches in one side of the same, of a metallic casing having a pair of catches pivotally mounted therein, and supplied with lower rods having buttons thereon, and upper engaging ends or noses, the engaging end or nose at the upper end of one of said catches being supported by a rod which is counter sunk to permit the free up-

ward movement of the lower sash and extends across and above the plane of the upper edge of the latter, and springs for actuating the said catches, the latter being supported by the same pivot pin, substantially as described.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

LUKE WOODARD.

Witnesses:
J. H. HARRINGTON,
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