(No Model.)

J. C. WILSON.

SASH FASTENER.

No. 457,066. Patented Aug. 4, 1891.

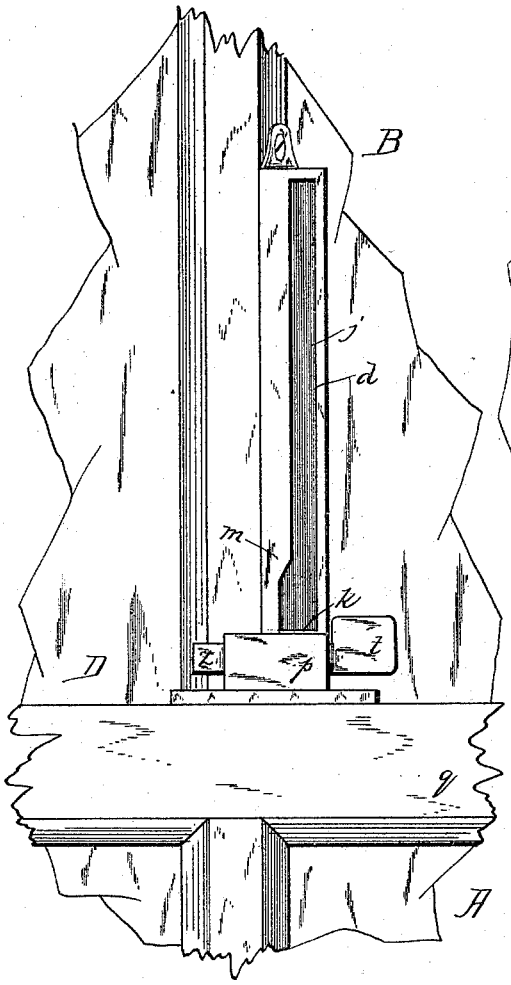

Fig. 1.

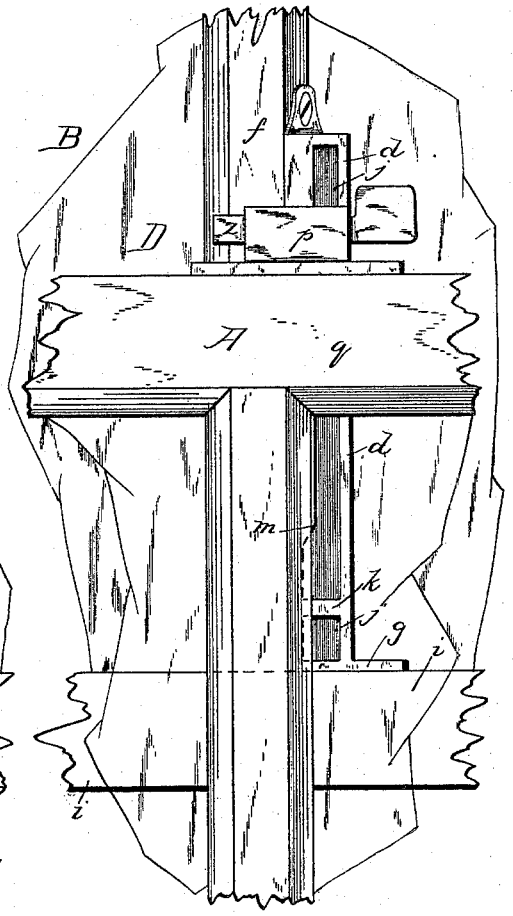

Fig. 2.

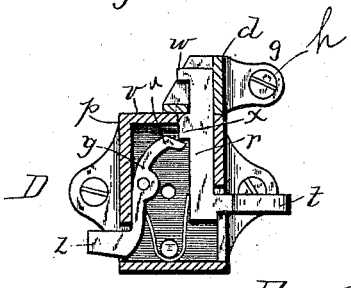

Fig. 3.

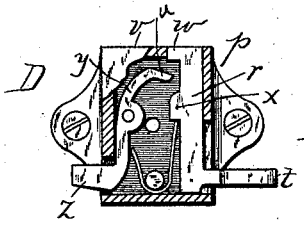

Fig. 4.

WITNESSES

Irving W. Gay

H. Dunfee

INVENTOR

James C. Wilson.

By C. A. Shawlee.,

ATTYS

UNITED STATES PATENT OFFICE.

JAMES C. WILSON, OF SAUGUS, ASSIGNOR OF ONE-HALF TO WALTER C. EDSON, OF EAST BRAINTREE, MASSACHUSETTS.

SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 457,066, dated August 4, 1891.

Application filed April 28, 1891. Serial No. 390,815. (No model.)

To all whom it may concern:

Be it known that I, JAMES C. WILSON, of Saugus, in the county of Essex, State of Massachusetts, have invented certain new and useful Improvements in Window-Fasteners, of which the following is a description sufficiently full, clear, and exact to enable any person skilled in the art or science to which said invention appertains to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is an elevation of a portion of a window-frame, showing my improved sash-fastener in position; Fig. 2, a like view showing the position of the fastener with the window partially open; Fig. 3, a horizontal section of the fastener, showing the bolt in locking position; and Fig. 4 a like view showing the bolt withdrawn.

Like letters of reference indicate corresponding parts in the different figures of the drawings.

My invention relates especially to a device for locking the upper and lower sashes of windows, whereby they may be partially opened; and it consists in certain novel features hereinafter fully set forth and claimed, the object being to produce a simpler, cheaper, and more effective device of this character than is now in ordinary use.

The nature and operation of the improvement will be readily understood by all conversant with such matters from the following explanation.

In the drawings, A represents the lower sash, and B the upper sash. A longitudinally-slotted box *d* is secured in vertical position to one side of the center sash-bar *f* of the upper sash B, the lower end of said box being provided with a laterally-projecting lip or flange *g*, which is secured by a screw *h* to the lower cross-bar *i* of the upper sash B. The slot *j* is divided by a lateral partition *k* near its lower end, and one wall of said slot projects inward at *m* slightly above said partition narrowing the upper portion of the slot.

The fastener D consists of a metallic case *p*, which is attached in horizontal position to the upper cross-bar *q* of the lower sash. A bolt *r* has a thumb-piece *t* projecting through one wall of the case *p*, said bolt being fitted to slide longitudinally through the end wall *v* of said case. The bolt is provided with a laterally-projecting head *w*, which is adapted to enter the broader end of the slot *j* in the box *d*. A lug or boss *x* is formed on the bolt in position to be engaged by a spring-pushed latch or pawl *y*, pivoted within said case, one end *z* of said pawl projecting through the wall of the case *p* opposite the thumb-piece *t*.

In the use of my improvement, when the sashes A B are closed and it is desired to lock the window, the bolt *r* is projected from its case into that portion of the slot *j* below the partition *k*, locking both of said sashes against vertical movement. The point of the spring-pushed catch *y*, projecting into the path of the boss *x*, as shown in Fig. 3, prevents said bolt from being forced inward until the end *u* of said pawl is pushed in, removing the point thereof from the path of said bolt.

When it is desired to lock the sashes when partially open, as in Fig. 2, the bolt is withdrawn and projected into the slot *j* above the partition *k*. Its head *w*, working behind the wall *m* of said slot, permits the sashes to be moved freely a distance equal to the length of said slot in a manner which will be readily understood by all conversant with such matters without a more explicit description.

Having thus explained my invention, what I claim is—

1. In a window-fastener, a sliding bolt mounted on a sash-bar and a spring-pushed dog for locking said bolt when projected, in combination with a slotted box on a bar of the companion sash adapted to receive said bolt and lock said sashes against movement beyond a determined point, substantially as described.

2. In a window-fastener, the slotted box *d*, provided with the partition *k* and secured to the sash B, in combination with a bolt fitted to slide on the companion sash A and project into said slot, substantially as specified.

3. In a window-fastener, the slotted box *d*, in combination with the sliding bolt *r*, having the head *w* and boss *x*, and a spring-pushed dog for engaging said boss and locking the bolt when projected, substantially as described.

JAMES C. WILSON.

Witnesses:
O. M. SHAW,
K. DURFEE.