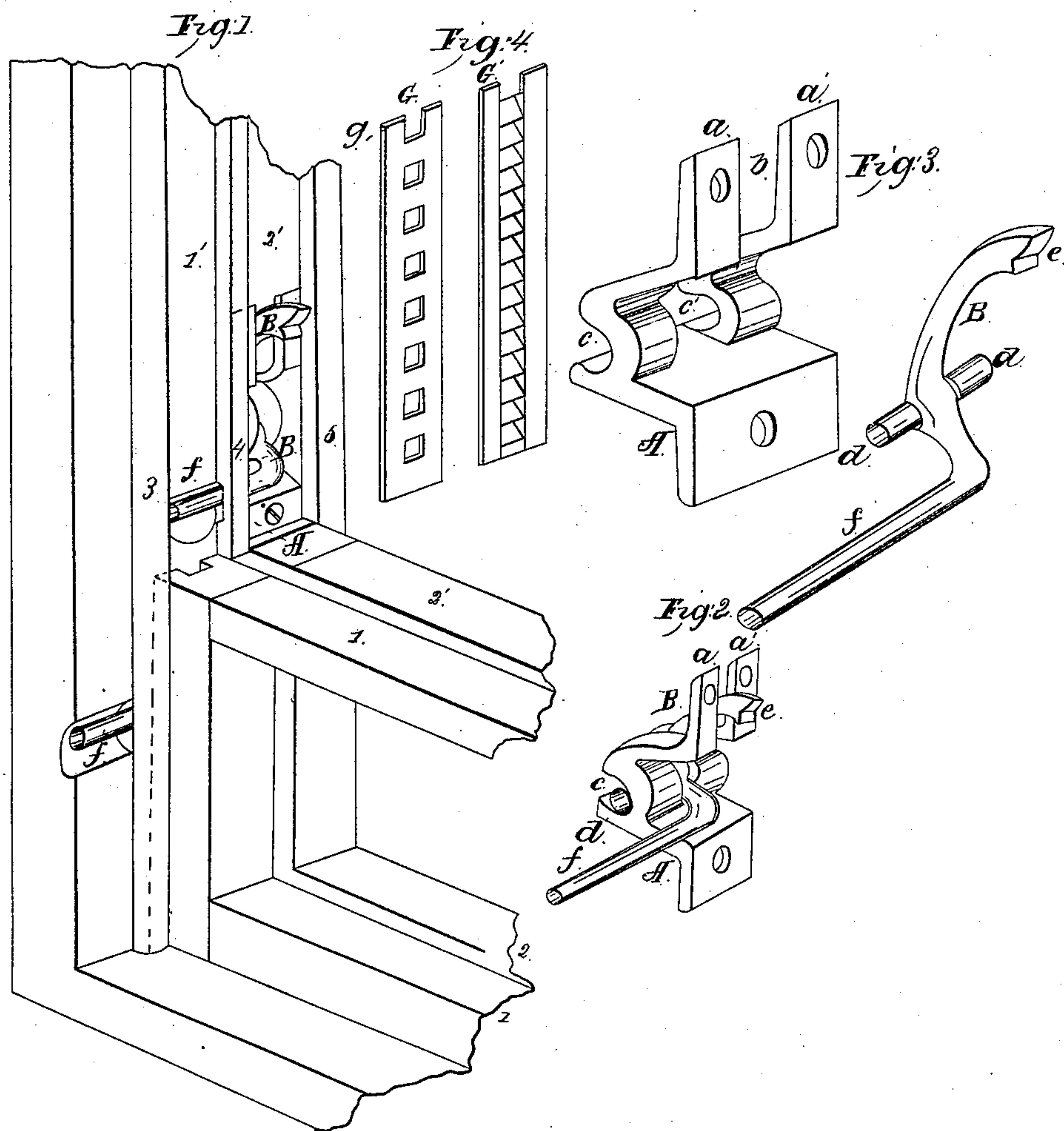


J. Obreiter,
Sash Holder.
N^o 84,504. *Patented Dec. 1, 1868.*



Witnesses:
W. B. Naley
Jacob Stauffer

Inventor:
John Obreiter

United States Patent Office.

JOHN OBREITER, OF LANCASTER, PENNSYLVANIA, ASSIGNOR TO
HIMSELF AND ANDREW LEIBLY, OF SAME PLACE.

Letters Patent No. 84,504, dated December 1, 1868.

IMPROVEMENT IN SASH-HOLDER.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, JOHN OBREITER, of Lancaster, in the county of Lancaster, and State of Pennsylvania, have invented a new and improved Window-Sash Support and Lock; and I do hereby declare that the following is a full and exact description of the construction and operation thereof, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 shows a portion of a window-frame and sash, with my device in place.

Figure 2 shows the lever drop-latch and its bearing combined, and separated from the casing.

Figure 3 shows the several parts detached.

Figure 4 shows the slotted plate, and also a ratchet-form of the same, being a modification.

The nature of my invention consists in the peculiar construction and combination of the parts forming a sash-supporter and lock, without the use of a spring, in place of ropes, pulleys, and the like devices employed for that purpose.

To enable others skilled in the art to make and use my invention, I will briefly describe its construction and operation.

The bearing-plate A, fig. 3, has a right-angled base, with a double or slotted top, *a a'*, bent so as to form a recess, *c*, for the reception of the trunnions or fulcrum *d d* of the armed drop-latch B. This drop-latch B swings forward in the open slot *b* in the bearing-plate and bearings *c*, so that the elbowed arm or lever *f* comes in front of the plate, and projects to one side, as shown by fig. 2. Both parts are clearly shown by fig. 3.

Fig. 1 shows one of the combined devices inserted into the casing for each sash. Both upper and lower sashes, 1, 2, are down, showing the drop B projecting. The upper end of the catch *e* is bifid, the upper lip curved, so as to yield in raising the sash, and then fall forward, while the lower lip holds and prevents the sash from coming down, without first relieving the lip by turning the lever-arm *f*, but does not prevent the sash from being raised, from slot to slot, or from notch to notch, upwards, until raised to the top.

Fig. 4 shows two plates, G G'. The one has open, square slots; the other, ratchet-like teeth. The former is preferred. This plate G is let flush into the sash on the side of the drop-latch. The operation is so that the head of the swinging drop-lever B falls in the slot with the lower lip, and against the same by the upper lip, *e*.

The lever *f* extends through beneath the guide or slide-strips 3 or 4, and is operated from the inside.

The upper sash, 2, when down, as shown, behind the lower sash, 1, does not lock while down, as the lower sash does.

To raise the lower sash, 1, the lever *f* must first release the head of the drop-bolt B from the upper open slot *g*, into which it falls fully, and holding it firmly locked. The upper sash locks in like manner, when pushed up into place. In short, it answers all the requisite purposes of a sash-supporter and lock in a superior manner, readily applied, cheap, strong, and not liable to get out of repair.

Racks and slotted bars are not new for such purposes; as also various kinds of bolts and contrivances are in use and patented for sash-supports; but I am not aware of any device that is substantially constructed in the manner shown, nor one that can be so well adapted for supporting the sash in railroad-cars, or for heavy windows, and one that can more easily be operated, will support or lock more securely, or be as durable and as cheap.

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

The construction and arrangement of the sash-holder plate A, with its open slot *b*, and curved bearings *c*, in combination with the drop-latch B, bifid head *e*, fulcrum-arms *d*, and side lever *f*, substantially in the manner and for the purpose specified.

JOHN OBREITER.

Witnesses:

WM. B. WILEY,
JACOB STAUFFER.