

(No Model.)

F. TANKERSLY.

SASH SUPPORTER.

No. 346,516.

Patented Aug. 3, 1886.

Fig. 1.

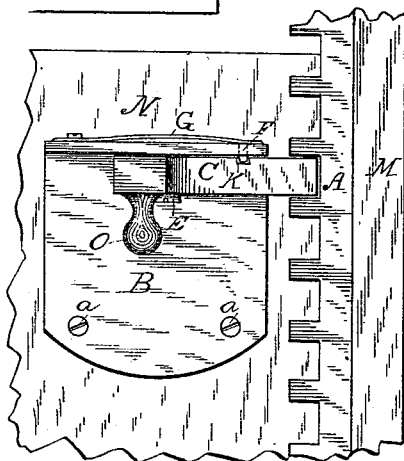


Fig. 2.

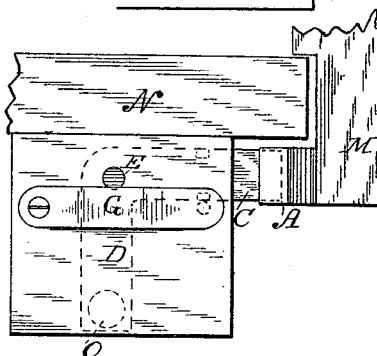


Fig. 3.

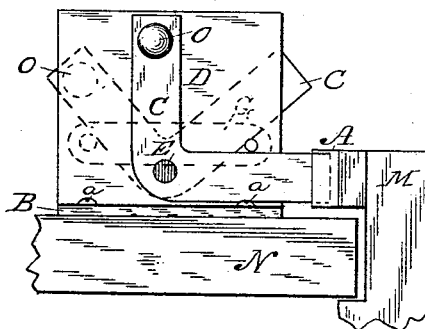


Fig. 4.

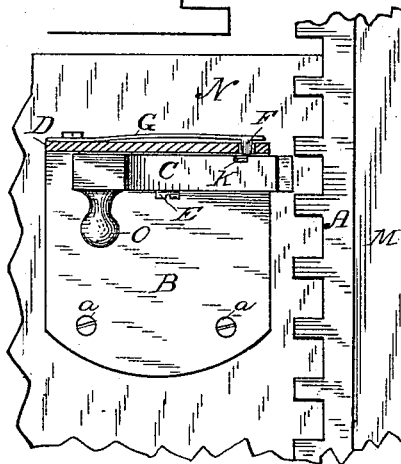
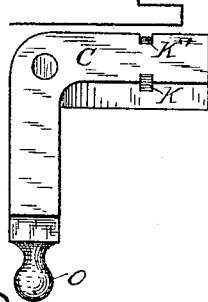


Fig. 5.



WITNESSES:
Josh. H. Blackwood
Robert F. McMillan

INVENTOR;
Fountain Tankersly
per *R. L. O. Boistee*
his Attorneys.

UNITED STATES PATENT OFFICE.

FOUNTAIN TANKERSLY, OF RICHMOND, KENTUCKY.

SASH-SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 346,516, dated August 3, 1886.

Application filed February 24, 1886. Serial No. 193,000. (No model.)

To all whom it may concern:

Be it known that I, FOUNTAIN TANKERSLY, a citizen of the United States, residing at Richmond, in the county of Madison and State of Kentucky, have invented certain new and useful Improvements in Sash-Supporters; 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, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

15 The object of my invention is to provide a cheap, simple, and durable window-sash supporter and lock combined, one that will support and lock the sash at any desired height, and which can be applied to the ordinary vertically-operating window-sash and worked with facility. With this end in view I secure to the jamb of a window-frame a rack device parallel with the sash, in combination with a plate secured to the sash, said
25 plate having a projecting portion provided with a crooked latch or lever fulcrumed or hinged thereto at the shoulder, whereby it will turn horizontally upon its hinge for the purpose of working in and out of said rack.
30 The lever or latch is held in place by means of a spring catch or detent, all of which will be more fully described hereinafter, and pointed out in the claim.

35 In the drawings, Figure 1 is a side elevation showing the latch engaged with the rack and supporting the sash; Fig. 2, a top view; Fig. 3, a bottom view, dotted lines representing the latch thrown out of engagement with the rack; Fig. 4, a side elevation, partly in section, in which the latch or lever is shown dis-
40 engaged. Fig. 5 is a plan of the latch, showing the beveled places K K'.

Like letters represent like parts throughout the several views.

45 The rack A is attached to the jamb or molding of the window-frame M.

50 B is the metal plate, fastened to the side of the sash by screws a a, and provided with an outwardly-extending flange, D. Upon one side of said projection is secured a spring, G, provided with a catch or detent, F, which protrudes through the flange beyond its lower

face a short distance. Upon the under or opposite side of the said flange a crooked latch, C, is secured at the elbow by means of a hinge-bolt, E. One arm of said latch extends outward, and has upon it a knob, by which it is operated, and also beveled places K K', and the other arm is adapted to work in the rack. The rack is made preferably long enough to extend the entire length of the sash, in order that the same may be supported and locked at various heights.

In order to raise and lower the window-sash when the same is locked, as shown in Fig. 2, the handle O is pushed to the left, which causes the latch to move horizontally in the arc of a circle and out of the rack. In this operation the beveled place K upon the outer shoulder of the latch comes in frictional contact with the beveled end of the protruding detent F, which is pressed upward and bears upon the upper face of the latch, as shown in Fig. 4. The window-sash is then free to move up and down. In locking and supporting the sash this operation is simply reversed. The latch upon being turned to the left brings the beveled place K' upon the inner shoulder in frictional contact with the detent F, pressing the same back, and allowing the latch or lever to slide by and enter the rack, after which the detent springs down behind the beveled shoulder K and holds the latch in place.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

In a sash-supporter, the combination of a plate having an outwardly-extending flange, a crooked latch hinged upon one side of said flange, and adapted to turn horizontally in the arc of a circle, a spring-detent upon the opposite side passing through and protruding beyond the lower face of said flange, beveled places upon either side of said latch, which come in frictional contact with said detent, and a rack adapted to engage with said latch, all arranged to operate substantially as described.

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

FOUNTAIN TANKERSLY.

Witnesses:

STEPHEN D. PARRISH,
R. H. CROOKE.