(No Model.)

S. MYERS & M. H. WITTEL.

SASH HOLDER.

No. 385,368. Patented July 3, 1888.

Fig. 1.

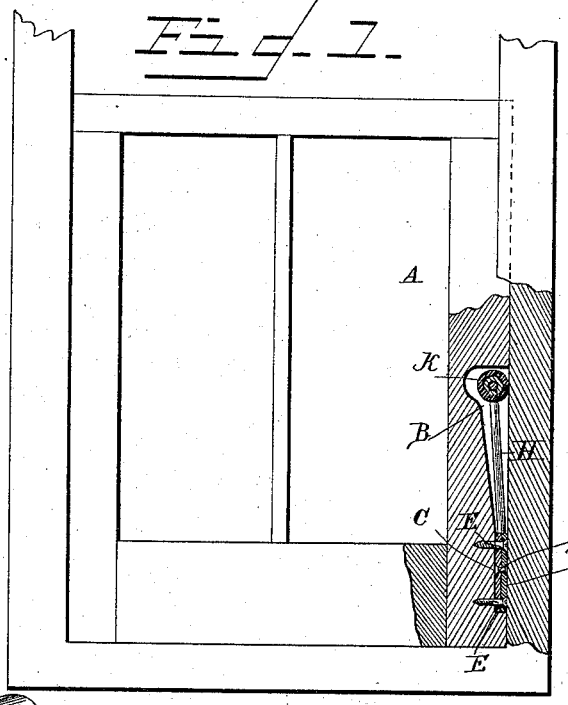


Fig. 2.

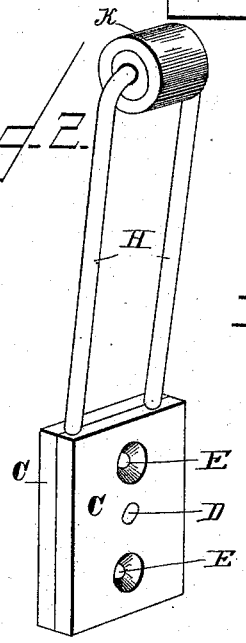


Fig. 3.

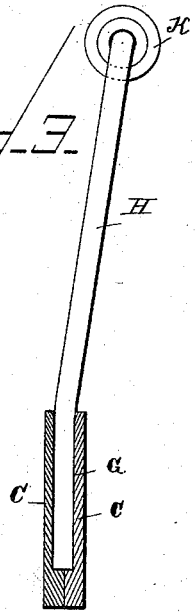
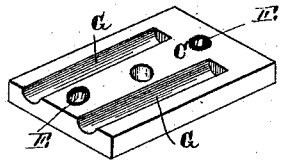


Fig. 4.



Witnesses.

Henry S. Dieterich.

C. E. Doyle.

Samuel Myers, Inventor,
M. H. Wittel.
by C. A. Snow & Co.
Attorneys.

UNITED STATES PATENT OFFICE.

SAMUEL MYERS AND MARTIN H. WITTEL, OF MANHEIM, PENNSYLVANIA.

SASH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 385,368, dated July 3, 1888.

Application filed October 21, 1887. Serial No. 252,999. (No model.)

To all whom it may concern:

Be it known that we, SAMUEL MYERS and MARTIN H. WITTEL, citizens of the United States, residing at Manheim, in the county of Lancaster and State of Pennsylvania, have invented a new and useful Improvement in Sash-Holders, of which the following is a specification.

Our invention relates to an improvement in sash-holders; and it consists in a certain novel construction and arrangement of parts, fully set forth hereinafter, and specifically pointed out in the claim.

In the accompanying drawings, in which similar letters of reference indicate corresponding parts in the several views, Figure 1 is a section of a window, showing our improved holder attached to the sash. Fig. 2 is a detail perspective view of the holder detached. Fig. 3 is a detail longitudinal section of holder. Fig. 4 is a perspective view of one of the plates of the holder.

Referring by letter to the drawings, A designates the sash, in one side of which is formed a recess, B, and in the recess is secured the improved holder.

C C designate two plates, which are adapted to be secured together by the rivet or screw D, passing through the centers thereof, and the said plates are further provided with two aligned perforations, E E, adapted to receive screws to secure the plates to the sash.

G G represent longitudinal aligned grooves formed in the inner surfaces of the said plates, thereby forming, when the plates are secured together, two sockets.

H designates a wire spring, which is bent to form a loop, and the ends of the said loop are secured in the sockets between the plates C C.

K designates a rubber or rubber-covered roller on the end of the loop forming the spring, the same being journaled on the cross-piece between the lateral arms. This spring, having the roller on the end, is secured in the recess formed in the edge of the sash, and the roller presses against the side of the frame of the window. The spring holds the roller tight pressed against the frame, and although the said roller turns, the friction caused is sufficient to hold the sash in any desired position.

Various forms of sash-holders employing rollers and springs have been heretofore used; but the construction and arrangement thereof differ essentially from our device.

The manner of securing the holder in the sash by attaching the grooved plates to the end of the spring and securing the plates to the sash by screws is not only very simple, but strong and reliable.

Another advantage of this device is that there is no noise of scraping or rubbing, for the reason that the roller turns noiselessly on the end of the loop, and the rubber around the roller prevents it from making any sound against the window-frame.

Having thus described our invention, we claim—

A sash-holder comprising the plates C C, secured together and having the aligned grooves G G in their inner faces, thereby forming sockets, the spring-loop H, secured at the ends in the said sockets, and the roller journaled on the end of the loop, substantially as and for the purpose specified.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in presence of two witnesses.

SAMUEL MYERS.
MARTIN H. WITTEL.

Witnesses:
E. F. HOSTETTER,
J. S. LINEAWEVER.