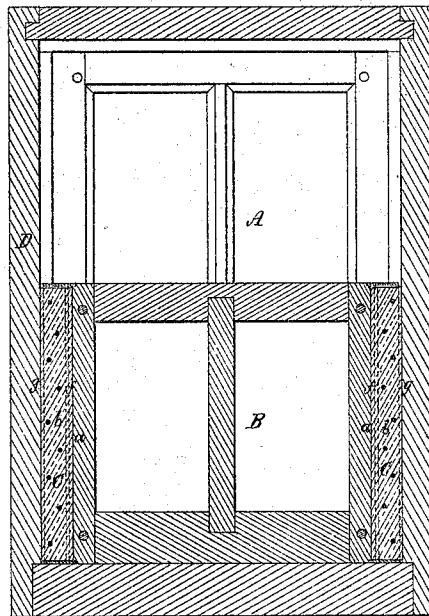


**J. WARE.**  
**Sash-Holders.**

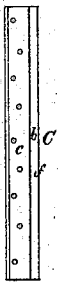
No. 142,305.

Patented August 26, 1873.

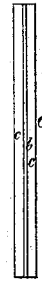
*Fig. 1.*



*Fig. 3.*



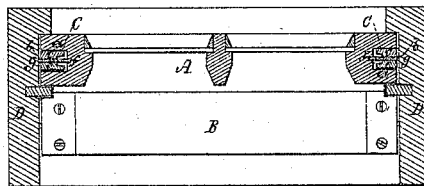
*Fig. 5.*



*Fig. 4.*



*Fig. 2.*



Witnesses.

L. N. Rippe  
L. N. Hölzer

Joseph Ware

by his attorney

R. H. Haly

# UNITED STATES PATENT OFFICE.

JOSEPH WARE, OF WEST SWANZEY, NEW HAMPSHIRE.

## IMPROVEMENT IN SASH-HOLDERS.

Specification forming part of Letters Patent No. **142,305**, dated August 26, 1873; application filed June 2, 1873.

*To all whom it may concern:*

Be it known that I, JOSEPH WARE, of West Swanzev, of the county of Cheshire and State of New Hampshire, have invented a new and useful Improvement in Window-Sash Supporters; and do hereby declare the same to be fully described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a vertical section, and Fig. 2 a horizontal section, of a window provided with my invention. Fig. 3 is a side view, Fig. 4 a top view, and Fig. 5 an edge view, of one of the sash-supporters.

Each sash, A or B, is grooved vertically on one or each of its outer edges, as seen at *a*, to receive one of the supporters C, which consists of a strip of vulcanized India rubber, *b*, and two strips, *c c*, of wood or other inelastic or stiff material, rabbeted, fastened together, and arranged as represented—that is to say, the elastic strip *b* is wider than each of the rabbeted flanking-strips *c*—and they are placed on opposite sides of the strip *b*, and disposed so that it may at its outer edge project a short distance beyond them, and also at its inner edge a longer distance beyond them, all as shown, the part *f* so projecting, when the supporter is in the sash, serving as a spring to force the outer edge of the rubber strip in contact with the next adjacent edge or part *g* of the window-frame D.

From the above it will be seen that the elastic strip of rubber not only serves as a spring to press the supporter against the sash and window-frame, but as a friction-brake to ar-

rest the sash or hold it up at an elevation within the range of its movement in the window-frame.

The flanking-strips of the supporter not only operate to sustain the elastic strip of rubber, but to enable the supporter to slide freely horizontally in the sash-groove, the said flanking-strips being fastened together and to the elastic strip by rivets or other suitable means.

I am aware that it is not new to apply to a sash a friction-bar, and one or more springs to force such bar against the window-frame. Therefore, I make no claim thereto. I am also aware that it is not new to use India rubber within a sash for supporting it in its frame, and, therefore, make no claim to such in the abstract. In my supporter each of the flanking-strips is rabbeted lengthwise, in order to form between them a chamber or space for the elastic strip to expand in. These rabbeted strips, therefore, become important features of my invention.

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

The sash-supporter C, consisting of the elastic strip *b* and the two rabbeted flanking-strips *c c*, forming a single piece, the elastic substance projecting on either side, loosely fitting in lengthwise of the sash, all substantially as described and shown, for the purpose set forth.

JOSEPH WARE.

Witnesses:

JOSEPH HAMMOND,  
JOEL HAMMOND.