(No Model.)

S. S. BRADSHAW.

SASH HOLDER.

No. 598,239. Patented Feb. 1, 1898.

Fig. 1.

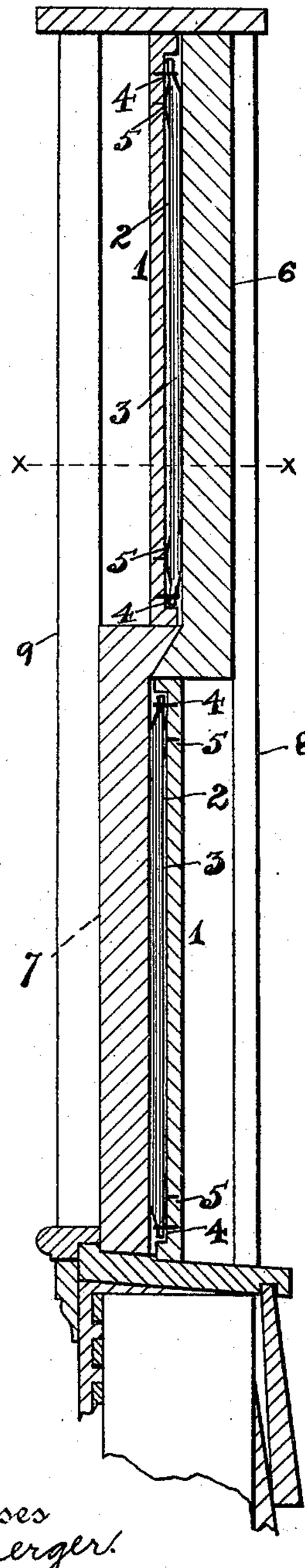
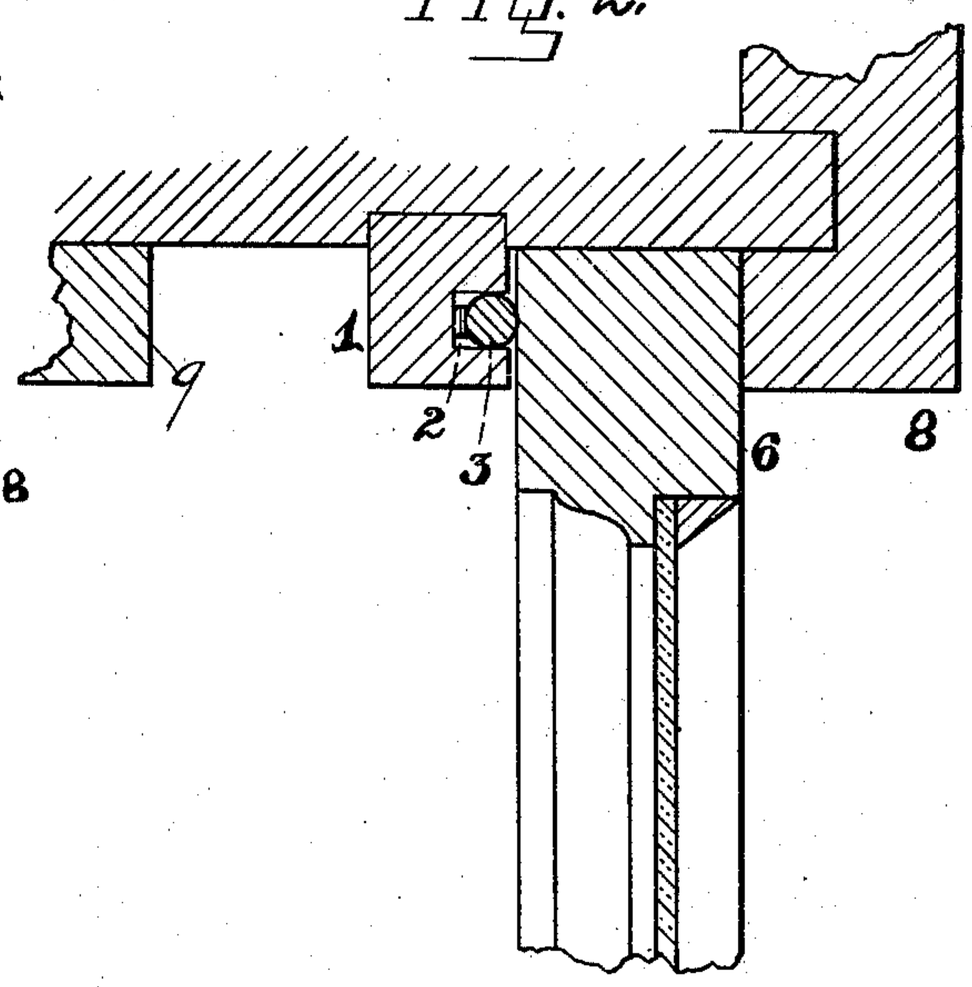


Fig. 2.



Witnesses
Louis Berger.
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UNITED STATES PATENT OFFICE.

SILAS S. BRADSHAW, OF BROOKLYN, NEW YORK, ASSIGNOR, BY DIRECT AND MESNE ASSIGNMENTS, TO THE BRADSHAW IMPROVED WINDOW COMPANY, OF NEW YORK, N. Y.

SASH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 598,239, dated February 1, 1898.

Application filed September 4, 1896. Serial No. 604,845. (No model.)

To all whom it may concern:

Be it known that I, SILAS S. BRADSHAW, a citizen of the United States, residing in Brooklyn, Kings county, State of New York, have invented a new and useful Improvement in Sash-Holders, of which the following is a specification.

My invention relates especially to means and mechanism employed with window-sashes of all descriptions for the purpose of preventing rattling or shaking of the same and for the exclusion of wind or drafts of air, and has for its object the provision of a cheap, simple, and effective device which may be cheaply, easily, and quickly applied to any window.

To attain the desired end, my invention consists, essentially, in the combination, with the parting-strip or equivalent, of a spring-actuated rod located in a groove in the side of said strip, movably held at each extremity and arranged to bear against the side stile of a window-sash, pressing the sash against the stops; and my invention also involves certain other novel and useful combinations or arrangements of parts and peculiarities of construction and operation, all of which will be hereinafter first fully described, and then pointed out in the claim.

In the accompanying drawings, forming a part hereof, Figure 1 is a vertical sectional view through a parting-strip and the two sashes of an ordinary window to which my invention is applied. Fig. 2 is an enlarged horizontal sectional view at line *x x* of Fig. 1.

Similar numerals of reference, wherever they occur, indicate corresponding parts in both figures.

1 is an ordinary parting-strip having grooves 2 2 formed in each face. In the drawings these grooves do not extend the entire length of the strip 1, but only a portion of each face. If desired and for convenience of manufacture, the grooves may be continuous at each side, enabling the use of the stop with any height of sash and to cut the stop to any desired length.

3 3 are rods, preferably of metal, held in the grooves 2 by staples, pins, or screws 4 at each extremity.

5 5 are springs located beneath the rods 3, forcing the same away from the bottom of the groove.

6 is the upper sash and 7 the lower sash, of ordinary construction.

8 is the outer stop, and 9 the inner stop.

When constructed and arranged in accordance with the foregoing description, my device will be found admirably adapted to the uses and purposes for which it is intended. In the case of new windows the parting-strip, with the spring-actuated rods already in position, may be employed, the additional expense being trifling, and the remainder of the window and the sashes being of ordinary construction. When it is desired to apply my device to old windows, the parting-strip may be removed and grooved for the reception of the rods, or a new parting-strip embodying my invention substituted therefor at a very small expense.

The labor required to apply my device to either old or new windows amounts to very little and the sash itself is not touched. Sash-holders having the inside bead or stop have been so arranged as to slide bodily in keepers wherein are placed springs; but this construction requires the disfiguring of the stop and the placing of unsightly metal keepers upon the side of the window-frame. In my construction the rod is concealed from view, and being placed in the side of the strip, leaving a portion of the wood at each side of the rod, the strip may be held in the frame in a substantially air-tight manner. Again, a movable clamping and wedging bar has been placed in a rabbet in a window stop or bead, the rabbet being formed in the edge of the bead. My stop is simply grooved in its side, and as I employ a metal rod in said groove my invention can be used where the stops are very thin, the device last referred to requiring a much greater thickness of the stop or bead in order to permit the requisite arrangement of parts.

In applying the device to single-sash windows—such, for instance, as those in railway-cars—the spring-actuated rod may be located in the strip parting the sash and blind or in

the stop, if there is no regular parting-strip, without departing from the spirit of my invention.

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

In a window-casing, a parting-strip having grooves in each of its sides or faces wherein are located spring-actuated rods, said rods being movably held at each extremity, substantially as shown and described.

SILAS S. BRADSHAW.

Witnesses:
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