M. SMITH.

WINDOW.

APPLICATION FILED APR. 21, 1913.

1,089,087. Patented Mar. 3, 1914.

Fig. II.

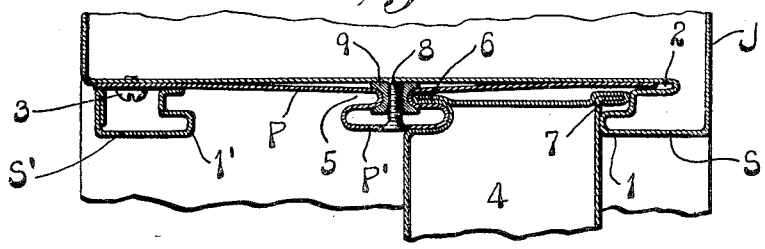


Fig. I.

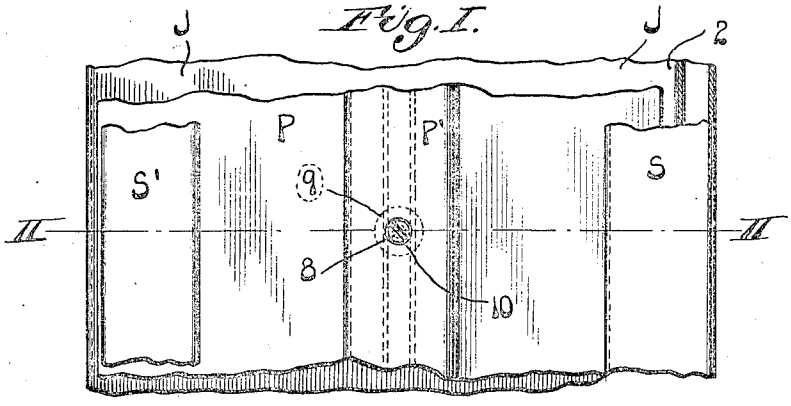


Fig. III.

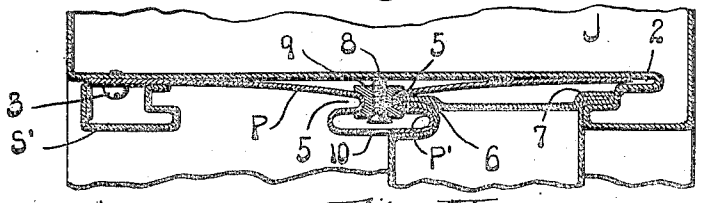
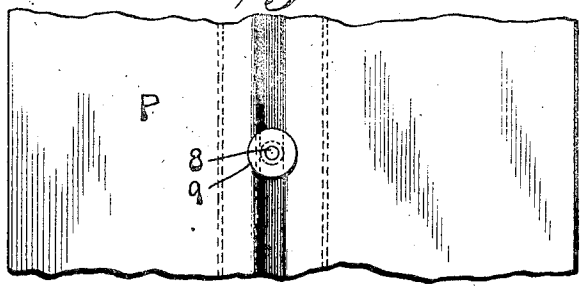


Fig. IV.



Attest:

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UNITED STATES PATENT OFFICE.

MILLARD SMITH, OF ST. LOUIS, MISSOURI.

WINDOW.

1,089,087. Specification of Letters Patent. Patented Mar. 3, 1914.

Application filed April 21, 1913. Serial No. 762,585.

To all whom it may concern:

Be it known that I, MILLARD SMITH, a citizen of the United States of America, and a resident of the city of St. Louis and State of Missouri, have invented certain new and useful Improvements in Windows, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

This invention relates to a window, and more particularly to a parting strip member adjustably secured to the jamb of a window frame, the object being to provide means for insuring tight joints between the window sashes and the jambs.

Figure I is a fragmentary view of a window jamb provided with my parting strip member. Fig. II is a transverse section, taken on line II—II, Fig. I, showing the parting strip member closely fitted to the jamb. Fig. III is a view similar to Fig. II, showing the middle portion of the parting strip member bowed away from the jamb. Fig. IV is a rear elevation of a fragment of the parting strip member.

In the accompanying drawings: J designates a window jamb provided with a fixed stop S having a vertical guide rib 1 and a vertical slot 2, adjacent to said guide rib. A stop S′ having a guide rib 1′ is also secured to the jamb.

P designates a yieldable parting strip member, preferably in the form of a flexible sheet metal plate, secured to the jamb by screws 3. These screws connect one of the vertical margins of the parting strip member to the jamb, while its other vertical margin is slidable in the groove 2. The middle portion of the parting strip member P is movable toward and away from the jamb, so as to adjust it to sashes of different dimensions.

The sash 4 is interlocked with the adjustable middle portion of the parting strip member, and loosely fitted to the stop S. The parting strip member is preferably formed with a longitudinal central rib P′, of bow shape in cross section, providing grooves 5 between the back of the rib and the sash receiving wings of the parting strip member, to receive tongues 6 on the sashes, and each sash preferably has a tongue 7 loosely arranged between a guide tongue 1 or 1′ and the jamb.

8 designates an adjusting screw fitted to a nut 9, secured to the parting strip member between its side wings. The screw 8 is opposite an aperture 10 in the rib P′ of the parting strip member, so that a suitable adjusting tool, such as a screw driver, may be inserted through said aperture to turn the screw 8. The screw 8 bears against the jamb, and it will be apparent that when this screw is adjusted, it acts to bow the middle portion of the parting strip member away from the jamb, so that the sash will fit closely to said parting strip member, with resultant tightness of joints at the edges of the sash.

I claim:—

1. The combination with a window jamb, of a flexible parting strip member fitted to said jamb, the said member having a sash parting rib, and a screw mounted in said sash parting rib and abutting said jamb; said screw being adjustable to move said sash parting rib away from said jamb.

2. The combination with a window jamb, of a flexible parting strip member having one of its vertical margins secured to said jamb, the other vertical margin of said parting strip member being slidably fitted to the jamb and the middle portion of said flexible parting strip member being movable toward and away from said jamb, and means for adjusting the middle portion of said flexible parting strip member, relative to said jamb.

3. The combination with a window jamb, of a flexible parting strip member having a sash parting rib, a nut mounted in said sash parting rib, and a screw fitted to said nut; said screw being movable to adjust the rib of said flexible parting strip member away from said jamb.

MILLARD SMITH.

In the presence of—
M. FALVEY,
E. B. LINN.