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D. S. LEGER.

ADJUSTABLE WINDOW CHAIR.

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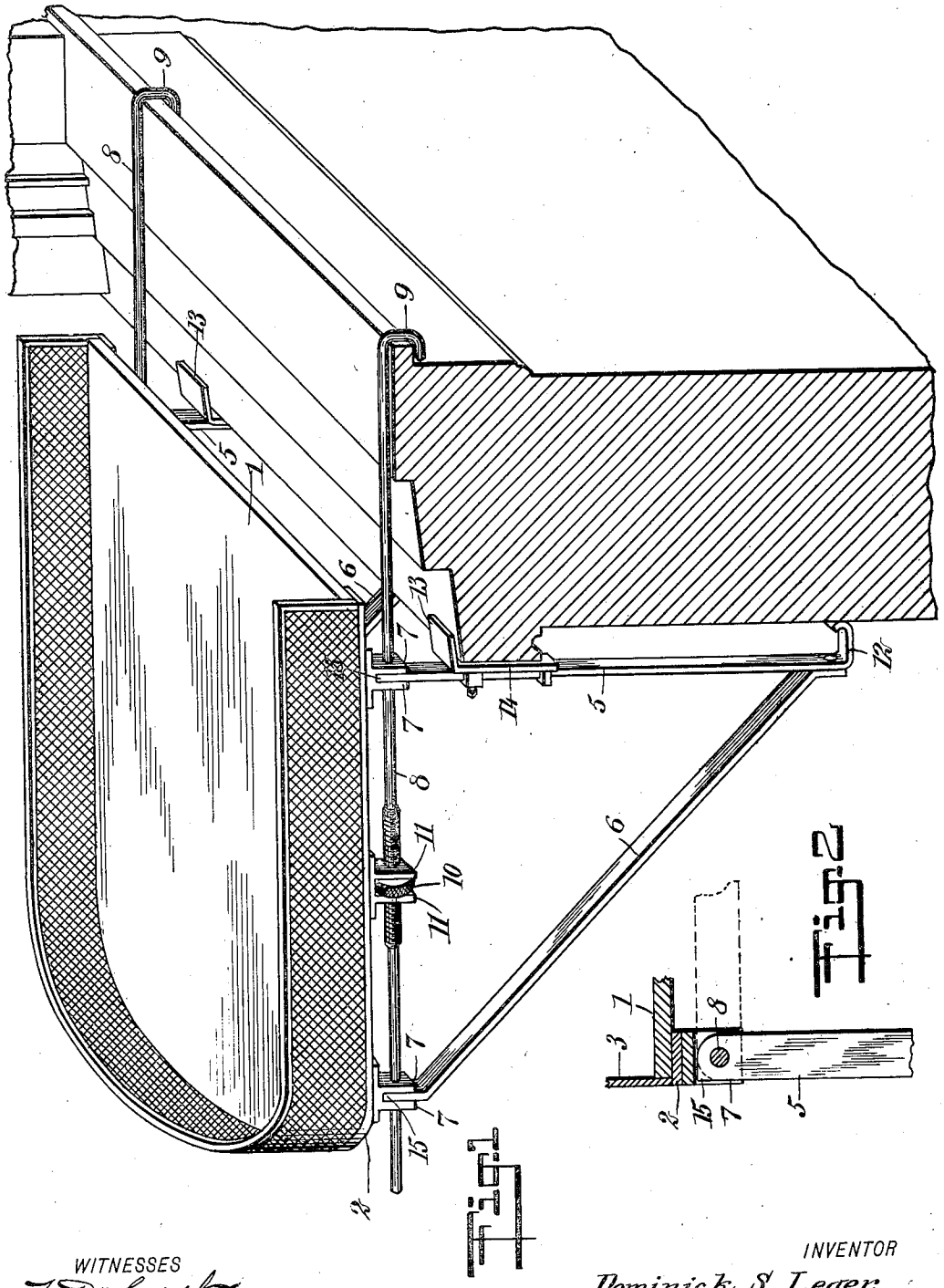

Fig. 1

Fig. 2

WITNESSES

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DOMINICK S. LEGER, OF LYNN, MASSACHUSETTS, ASSIGNOR OF ONE-HALF TO MARC F. RICHARD, OF LYNN, MASSACHUSETTS.

ADJUSTABLE WINDOW-CHAIR.

No. 844,148. Specification of Letters Patent. Patented Feb. 12, 1907.

Application filed September 10, 1906. Serial No. 333,958.

To all whom it may concern:

Be it known that I, DOMINICK S. LEGER, a citizen of the United States, and a resident of Lynn, in the county of Essex and State of Massachusetts, have invented a new and Improved Adjustable Window-Chair, of which the following is a full, clear, and exact description.

This invention relates to window-chairs adapted to be secured to a window-sill and upon which a person may sit when cleaning the outside of a window.

The object of the invention is to provide a much simpler form of construction than any heretofore known and one which is adjustable and may be fitted to windows of varying size and used in connection with walls of varying thickness.

By the use of my improved window-chair all liability of accident from sitting or standing on the window-sill when cleaning the outside of the window is entirely eliminated. The chair may be secured very quickly and requires no special skill to adjust it to fit the window.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in both the figures, in which—

Figure 1 is a perspective view of my improved window-chair, showing it attached to a window-sill; and Fig. 2 is a detail showing the method of securing the side braces to the bottom of the chair.

My improved window-chair comprises a rectangular chair-bottom 1, of thin wood, supported and secured to a metal strip 2, extending around the outer edge thereof and on the lower side. The chair-bottom may be provided with an upwardly-extending back and side walls 3, of wire-netting, sheet metal, or any other suitable material and adapted to prevent materials employed by the workman from accidentally falling off when placed on the chair-bottom. The bottom of the chair is provided with a downwardly-extending bracket at each side thereof, and these brackets are preferably hinged to the chair-bottom, so that when not in use they may be folded under the bottom and the entire device thus occupy a minimum of space. The brackets are preferably triangular in shape and comprise a vertical member 5, extending substantially parallel to the wall of the building, and a slanting or inclined member 6, extending from the base of the vertical member 5 to the outer corner of the chair-bottom. Each of these members has its upper end extending between two downwardly-projecting lugs 7, and through all four of the lugs on each side, as well as through the ends of the projecting members, extends a rod 8, adapted to engage with the inner side of the window-sill and hold the chair in the desired position. The inner end of the rod 8 is provided with a hook 9, adapted to engage with the inner side of the window-sill, and at a point beneath the bottom of the chair the rod 8 is provided with a screw-threaded portion, and a nut 10 on this threaded portion engages between two lugs 11, extending downward from the bottom of the chair. By turning the nut 10 the rod may be adjusted longitudinally, so that the chair-bottom is held at any desired distance from the inner side of the window-sill to accommodate for walls of varying thickness.

The lower end of each of the vertical members 5 of the brackets is provided with an inwardly-extending projection 12, adapted to engage with the wall of a building, and is of a length substantially equal to the depth of the outwardly-projecting portion of the window-sill, so that the members 5 are kept in a substantially vertical position and parallel to the wall. The vertical members 5 are each also provided with a sill-rest, having a flange 13, adapted to engage with the upper surface of the sill, and a vertical portion 14, adapted to engage with the outer side of the sill. This sill-rest is adjustably secured to the vertical members 5 of the brackets, so that it may be raised and lowered at will. Preferably it is provided with collars through which the vertical members slide, and a suitable set-screw is provided for holding the sill-rest in the desired position upon the vertical members of the brackets.

When it is desired to place my improved window-chair on the outside of a window, the entire device is projected out through the window, and the hooks 9 engage with the inner surface of the sill. The chair-bottom is then allowed to drop to a horizontal position, and the brackets automatically swing down from their folded position in the position shown in the figure, and their lower ends rest

against the wall of the building. The ends 10 are then adjusted to bring the chair-seat to a horizontal position, and the sill-rests are adjusted on the vertical members 5 to the proper position. The device is thus ready for use, and there is no danger of the chair giving way from the weight of a person, as the weight is evenly distributed at a plurality of points—namely, the inner side of the sill, the outer side and top edge of the sill, and a point on the wall below the window. The strain being thus evenly distributed, the chair is firm and steady.

When the chair is to be employed in an ordinary building, it will be found that it is very seldom necessary to adjust either the sill-rests or the length of the rods 8, as the wall of the building will be found to be of substantially the same thickness throughout and the sills are normally all similar.

To prevent any liability of the brackets swinging out beyond a vertical plane as they drop down from the chair-bottom, I preferably provide the upper end of each of the members 5 and 6 with a corner or projection 15, adapted to engage with the pivotal mounting and prevent the brackets from moving outward beyond a vertical plane.

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

1. A window-chair, comprising a chair-bottom, non-rotatable rods extending along the opposite sides thereof beneath said chair, hooks on the inner ends of said rods adapted to engage with the inner side of a window-sill, brackets pivotally connected to said rods and adapted to engage with the wall of a building, and means for longitudinally adjusting said rods, said means comprising nuts screw-threaded on the rods and held from longitudinal movement in respect to the chair-bottom.

2. A window-chair, comprising a chair-bottom, brackets pivotally connected to the under side thereof and adapted to engage with the wall of the building below the window, vertically-adjustable sill-rests mounted on said brackets, and means carried by said chair-bottom and adapted to engage with the inner side of a window-sill for holding the device in place.

3. A window-chair, comprising a chair-bottom, rods mounted below said bottom and extending along the opposite edges thereof, means on the inner ends of said rods for engaging with a window-sill, brackets pivotally mounted to said rods and adapted to engage with the wall of a building below the window, and vertically-adjustable sill-rests carried by said brackets and adapted to engage with the outer surface of the sill.

4. A window-chair, comprising a chair-bottom, rods extending along the sides thereof and adapted to engage with the inner side of a window-sill, brackets pivotally mounted on said rods and depending therefrom, said brackets adapted to engage with the wall of the building below the window, sill-rests carried by said brackets, means for preventing said brackets from swinging out beyond the chair-bottom, and means for longitudinally adjusting the rods.

5. A window-chair, comprising a chair-bottom, downwardly-extending lugs located adjacent the corners thereof, brackets comprising vertical members and inclined members mounted between said lugs, projections upon the lower end of the brackets adapted to engage with the wall of a building, below the window, sill-rests adjustably mounted upon the vertical members and adapted to engage with the outer and the top sides of the window-sill, rods extending through said lugs and said vertical members and inclined members of the brackets to pivotally connect the brackets to the chair-bottom, means for longitudinally adjusting the position of said rods, and means on the ends of said rods for engaging with the inner side of the window-sill.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

DOMINICK S. LEGER.

Witnesses:

DON L. LEGER,

CLARENCE DUPINE.