ADJUSTABLE HOLDER FOR CASEMENT-WINDOWS.

To all whom it may concern:

Be it known that I, LEONARD BUKOWSKI, a citizen of the United States of America, residing at Pasadena, county of Los Angeles, State of California, have invented a certain new and useful Adjustable Holder for Casement-Window; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to adjustable holder for casement windows, and it may be said to consist in the provision of the novel and advantageous features and in the novel and improved construction, arrangement, and combination of parts as will be apparent from the description and claim which follow hereinafter.

One object of the invention is to provide a novel and improved device of the class specified which is adapted to securely hold the window in any adjusted open position throughout an angular swing of substantially 180 degrees. Further objects of the invention are to provide a novel and improved adjustable holder for casement windows which is simple in construction, inexpensive to manufacture, easily applied to the casement windows, strong and durable, neat in appearance, convenient and effective in use, and which is adapted to operate equally well at either the left side or the right side of the window.

Other objects and the advantages of the invention will be apparent to those skilled in the art from a careful consideration of the following description of the preferred form of construction embodying the invention taken in connection with the accompanying drawings in which—

Figure 1 is a front elevational view of a casement window having the invention applied thereto; Fig. 2 is an enlarged sectional view taken on the line 2—2 of Fig. 1; Fig. 3 is a broken sectional view showing the window held in adjusted position at substantially 90 degrees from the closed position shown in Fig. 2; Fig. 4 is a sectional view showing the window held in adjusted position at substantially 180 degrees from the closed position shown in Fig. 2; Fig. 5 is an enlarged broken cross sectional view taken on the line 5—5 of Fig. 4; Fig. 6 is an enlarged cross sectional view taken on the line 6—6 of Fig. 4; Fig. 7 is an enlarged longitudinal sectional view taken on the line 7—7 of Fig. 4; and Fig. 8 is an enlarged broken cross sectional view taken on the line 8—8 of Fig. 4.

As shown, the window is adapted to fit in the frame or casement 10, and it consists of the glass pane 11 mounted on the sash 12. The sash 12 is connected to the frame 10 by hinges 13 which may be disposed at either the left side or the right side of the window and which preferably project beyond the front of the frame and of the sash to afford clearance between the frame and the sash for a roller curtain, not shown, when the window is positioned at substantially 180 degrees from its closed position as in Fig. 4.

To the rear of the hinges 13 on the frame 10 is arranged a bracket 15 which has one end thereof secured, preferably by screws 16, to the frame 10 and which has mounted thereon at the other end thereof a pivot pin 17 on which is mounted one end of a preferably expansible link 18. The link 18 preferably consists of the telescoping parts 19 and 20 which may be locked in adjusted position by means of a set screw 21, and it has its other end mounted on a pivot 22 which is mounted on one end of the arm 23 which latter has at its other end a knob 24 through which passes the stem 25 of a sliding block 26 which is arranged in a slide way 27 suitably arranged on the rear of the sash 12. The block 26 may be moved into or out of engagement with the flanges 28 of the slide way 27 by turning to the right or to the left the thumbscrew 29 on the stem 25.

From the foregoing it will be understood that the invention permits of the window being swung open and securely held in any desired position up to substantially 180 degrees from the closed position. When it is desired to have the window completely open it can be swung to extend substantially parallel to its position when closed and thus be safely out of the way in the room of a house.

While one form of construction embodying the invention has been particularly illustrated and described, many minor changes and modifications thereof will occur to those skilled in the art—wherefore the right is reserved to all such changes and modifications as do not depart from the spirit and scope of the invention as defined in the appended claim.
I claim:
The combination of a frame, a window, hinges at one side of the sash of the window connecting the window to the frame, a slide-
way on the rear of the sash, a bracket having one end thereof secured to the frame and arranged to the rear of the hinges, a link adjustable in length and having one end there-
of pivotally connected to the bracket, an arm having one end thereof pivotally connected to the end of said link remote from the bracket, and a clamping sliding connection between said arm and said slide-way.

In testimony whereof, I have signed my name to this specification in the presence of two subscribing witnesses at Los Angeles, county of Los Angeles, State of California, this 27th day of January A. D. 1914.

LEONARD BUKOWSKI.

Witnesses:
A. H. LIDDELS,
ELLA SCOTT.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."