

J. W. PENNEWILL.
 WINDOW SUPPORT AND HOLDER.
 APPLICATION FILED JULY 27, 1912.

1,060,490.

Patented Apr. 29, 1913.

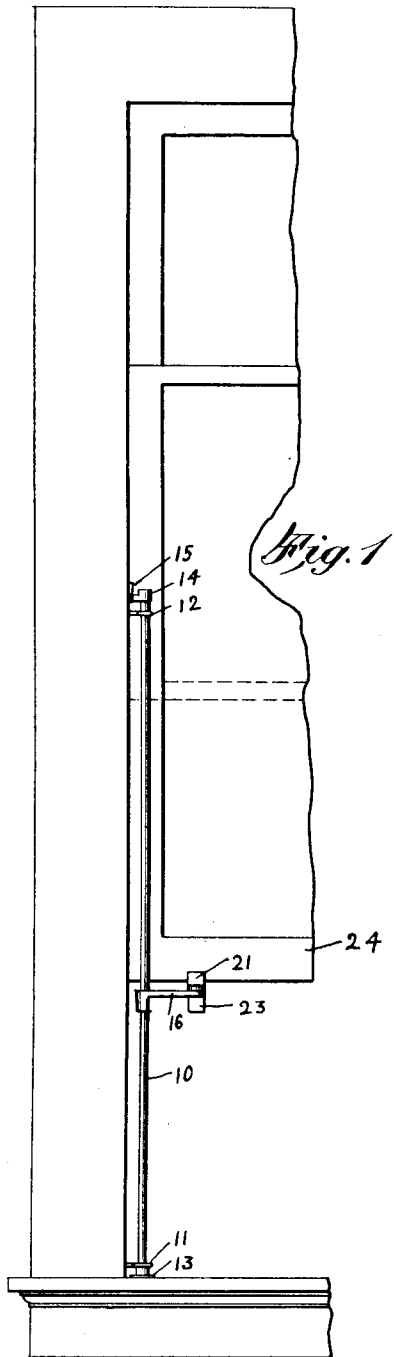


Fig. 2

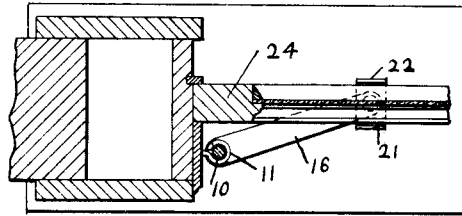


Fig. 3

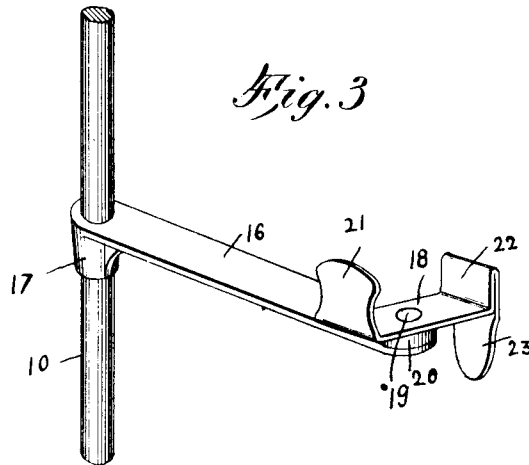
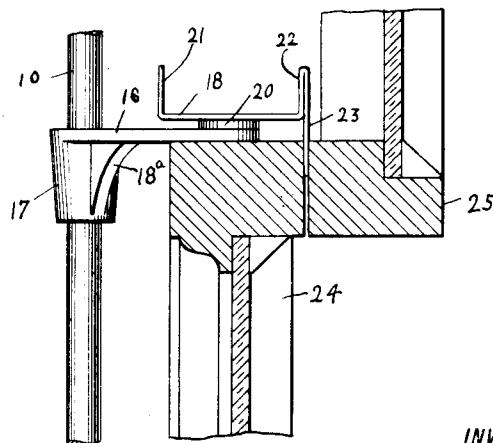


Fig. 4



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WINDOW SUPPORT AND HOLDER.

1,060,490.

Specification of Letters Patent.

Patented Apr. 29, 1913.

Application filed July 27, 1912. Serial No. 711,831.

To all whom it may concern:

Be it known that I, JAMES W. PENNEWILL, a citizen of the United States, and a resident of Silver City, in the county of Grant and State of New Mexico, have invented a new and Improved Window Support and Holder, of which the following is a full, clear, and exact description.

An object of my invention is to provide a device adapted to hold the lower sash of a window at any desired elevation, and a further object of the invention is to provide a device of the indicated character which may be utilized as a lock for the lower sash to prevent the same from being raised.

The invention will be more particularly explained in the specific description hereinafter to be given.

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 all the views.

Figure 1 is a view of my device in elevation, showing the same as applied to a window and in operative position, supporting the lower sash partly raised; Fig. 2 is a sectional plan view on a larger scale; Fig. 3 is a perspective view of the device on a still larger scale, a portion of the rod forming the guide and support being broken away; and Fig. 4 is a side elevation, part of the rod being broken away, and portions of the upper and lower sashes of a window being shown in section, the device being arranged to hold the lower sash of the window against being raised.

In constructing a device in accordance with my invention, a rod 10 is supported in vertical position on the window frame to extend along the jamb, the rod being secured in place by suitable devices, preferably screw eyes 11 near the top and bottom. Furthermore the lower end of the rod is preferably formed with a foot 12 that rests on the sill of the window. At the upper end a cap 14 is secured to the rod, the cap being formed on a bracket or base plate 15 which may be secured in any suitable manner to the face of the window jamb. The eyes 11, 12 are separated a sufficient distance to give clearance therebetween for a sliding horizontal arm 16 which is formed integral with a sleeve 18 having guided movement on the rod 10. The outer end of the arm 16 is provided with a sash-engaging device consist-

ing of a horizontal plate 18 which forms a seat for the lower edge of the sash, said seat being swiveled, as by a pivot 19 and washer 20, on the arm 16. At the ends of the plate 18 upwardly extending flanges 21 and 22 are formed, spaced apart a distance approximately equal to the thickness of the window sash to be supported, so as to receive the bottom edge of the sash between them. At one end also a downwardly extending member is provided, said member being produced preferably by forming the same integral with a vertical flange, as 22, the material being return bent in a downward direction and extending below the plate 18 to provide a member 23. With the described construction, the arm 16 is raised on the rod 10 the desired distance according to the extent to which the lower sash 24 is raised, the sleeve 17 of the arm 16 being adapted to turn on the rod 10 as well as to slide thereon. Said arm having been raised to the proper point, it is swung laterally to bring its outer end beneath the lower end of the sash 24, and the swiveled sash-holding device is turned to present the flanges 21, 22, thereof to the inner and outer faces of the sash. The sash is then dropped between the said flanges, or the arm 16 is raised into contact with the bottom edge of the sash. Upon the sash being released, the weight thereof bearing on the swiveled sash-holding device and on the outer end of the arm will cause the sleeve 17 to bind on the rod 10 and hold the arm 16 in the adjusted position.

In Fig. 4 the window sashes are shown closed and the arm 16 is shown elevated and swung over the top of the lower sash, the downwardly projecting member 23 being entered between the meeting rails of the lower sash 24 and upper sash 25, in which position it will be seen that the device holds the lower sash against being raised, since any upward movement of the sash will cause the sleeve 17 to bind on the rod 10.

It will be understood that the shape, finish and other minor details of the device may be varied without departing from the spirit of my invention. The member 23 in all cases serves to facilitate the manipulation of the sash-holding member 18, as it may be conveniently grasped by the fingers in turning the sash-holding device to the proper position relatively to the sash.

The washer 20, or equivalent device, maintains the seat 18 for the sash raised above

the arm 16, whereby the bottom of the sash cannot directly contact with said arm; thus the weight of the sash must be received on the seat 18, which is a sufficient distance from the rod 10 to give the necessary leverage to cause the sleeve 17 to bind, whereas if the sash rested on the arm at a point near the sleeve 17, there would not be the necessary leverage to cause the sleeve to bind. 10 Therefore, the described construction insures that the weight of the sash will be received on the seat 18, even if the rod 10 be secured in position close to the sash.

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

1. A sash support, comprising a horizontally swinging and vertically movable arm, means for securing the arm to a window frame, a device seated on the arm, at the free end thereof, and a horizontal sash seat resting on the said device, to turn thereon, the said seat having spaced flanges to receive the sash, one of said flanges being return-bent and extending downward below the arm. 25

2. A window attachment, comprising a guide rod adapted to be secured vertically on a window, an arm fitted to slide on said rod and to swing thereon, the free end of said arm carrying a swiveled sash-holding device adapted to turn horizontally, said device comprising an approximately horizon-

tal member above the top surface of the arm, forming a seat for the lower end of the sash, and upwardly projecting spaced flanges. 35

3. A window attachment, comprising a guide rod adapted to be secured vertically on a window frame, an arm mounted to slide and to swing on said rod; a sash-holding device on the outer end of said arm, said device 40 being swiveled to turn horizontally, and provided with spaced upwardly projecting flanges, and a member projecting downwardly below the arm at one end adjacent to one of the upwardly projecting flanges. 45

4. The herein described window attachment, comprising a rod having a foot at its lower end, and a cap at its upper end, said cap having a base or bracket adapted to be secured to the jamb of a window, the horizontal arm having an integral sleeve fitted to slide and to turn in said rod, a plate swiveled at the outer end of said arm and having the ends thereof bent upwardly, one of said ends being return bent and extending 55 below the plate to provide a downwardly projecting member.

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

JAMES WILLIAM PENNEWILL.

Witnesses:

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F. MERK.