W. H. KELLY.

SASH HOLDER.

APPLICATION FILED APR. 18, 1911.

1,019,051. **Patented Mar. 5, 1912.**

Fig. 1

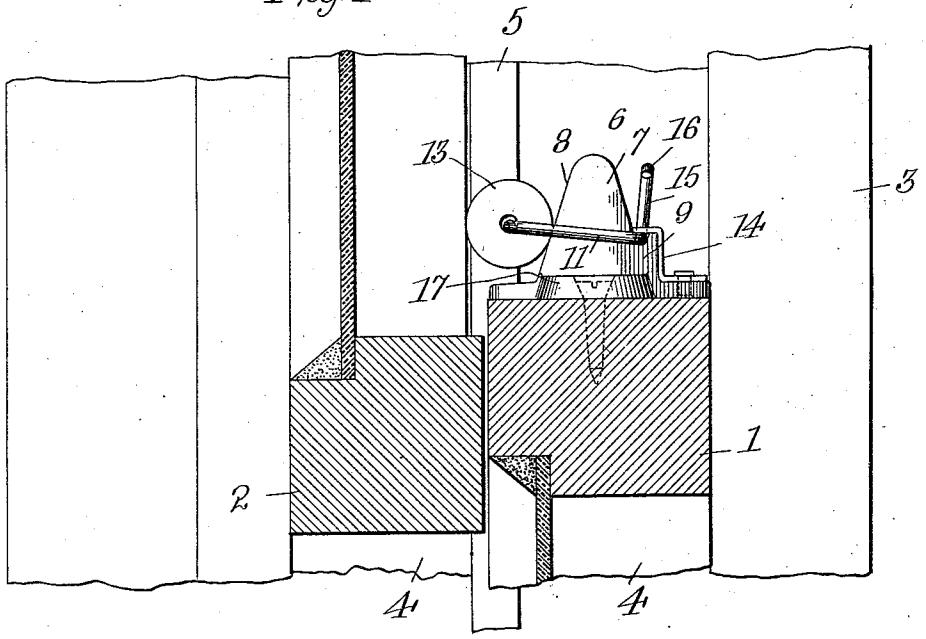


Fig. 2

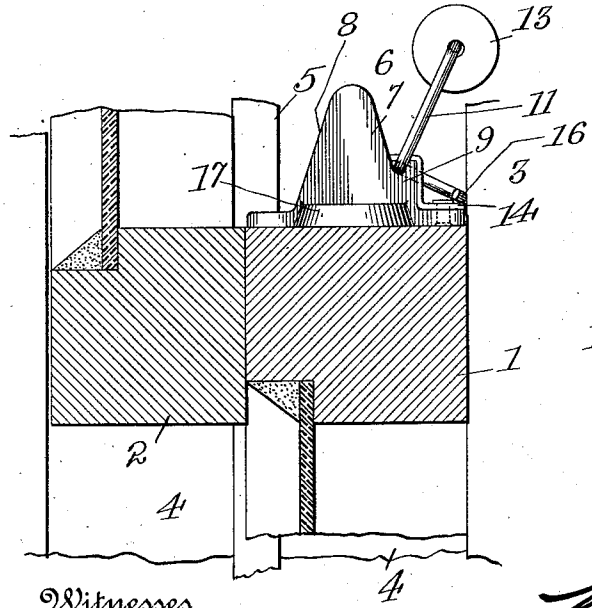
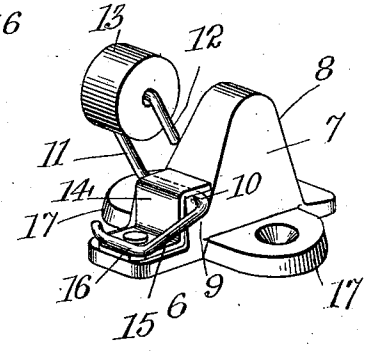


Fig. 3



Witnesses

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UNITED STATES PATENT OFFICE.

WILLIAM H. KELLY, OF WAYNESBORO, VIRGINIA.

SASH-HOLDER.

1,019,051. Specification of Letters Patent. Patented Mar. 5, 1912.

Application filed April 18, 1911. Serial No. 621,922.

To all whom it may concern:

Be it known that I, WILLIAM H. KELLY, a citizen of the United States, residing at Waynesboro, in the county of Augusta and State of Virginia, have invented certain new and useful Improvements in Sash-Holders, of which the following is a specification.

This invention relates to improvements in sash holders, and the object of the invention is to provide a cheap and simple device by the use of which the window sash may be held at any desired point in the window frame and rattling of the sashes will be prevented.

The object of the invention is obtained in such a device as is illustrated in the accompanying drawings and the invention consists in certain novel features of construction and arrangement of parts as will be hereinafter first fully described and then more particularly pointed out in the appended claim.

In the drawings, Figure 1 is a vertical section of a portion of a window showing the meeting rails of the sashes with my improved sash holder mounted thereon, the device being arranged to hold the sashes in their relative adjusted positions. Fig. 2 is a similar view showing the device arranged to permit free movement of the sashes. Fig. 3 is a detail perspective view of the sash holder.

The sashes 1 and 2 may be of any desired construction and are mounted to slide in the frame 3 in the usual manner, being fitted to runways or grooves 4, separated by a parting bead 5 all of which are of the ordinary form and constitute no part of my present invention.

Upon the upper side of the meeting rail of the lower inner sash I secure a bracket 6 having an upstanding projection 7, the outer or rear face 8 of which is inclined downwardly and outwardly, as clearly shown, whereby the said face gradually approaches the outer or upper sash 2, as clearly shown in Figs. 1 and 2. On the front side of the projection 7 near the base of the same, I form a shoulder 9 in which is a transverse groove adapted to receive the journal portion 10 of a lever 11. This lever 11 is shown in the form of a stout wire or metal rod having its rear end turned laterally so as to provide a hook 12 on which is journaled the locking roller 13, the journal 10 being also disposed at a right angle to the lever so that the lever will swing substantially parallel with the side of the projection 7 to maintain the locking roller 13 in position to engage the inclined face 8 when the device is in its operative position. The roller is journaled loosely on the hook 12 so as to have some lost motion thereon in order that when the sashes are adjusted to the desired point the roller may bind upon the projection without tending to bend or otherwise injure the lever or the hooked end of the same. The journal 10 of the lever may be held in the groove of the shoulder 9 in any desired manner, and I have shown a keeper 14 secured upon the front end of the base portion of the bracket 6 and extending up over the journal of the keeper so as to prevent the same rising from the groove as will be readily understood. The wire or rod constituting the lever is extended forward from the journal to constitute a handle, as shown at 15, and its extremity is then bent inwardly so as to extend across the plane of the bracket, as shown at 16, and rest upon the upper face of the same when the device is thrown to an inoperative position so as to support the roller as shown in Figs. 2 and 3. The base portion of the bracket is provided with lateral perforated lugs or ears 17 through which fastening screws may be inserted into the meeting rail of the sash to secure the device in position.

From the foregoing description, taken in connection with the accompanying drawings, it is thought the operation and advantages of my device will be readily understood and appreciated. The bracket is secured upon the meeting rail of the lower sash at the end of the same so that the roller may bear upon the front face of the side bar of the upper sash. This position is shown in Fig. 1 and it will be noted that the roller lies between the side bar of the upper sash and the rear inclined face of the projection on the bracket so that if the roller be moved downward it will bind between the said side bar and the inclined face of the bracket and, consequently will hold the sashes firmly against the sides of their runways, and thereby prevent rattling. Assuming the sashes to be in their normal closed positions if the upper sash be lowered or the lower sash be raised, the frictional engagement of the roller upon the upper sash

will cause the lever to swing toward the narrower end of the space between the bracket and the upper sash so that the roller will be caused to bind therein as will be readily understood. Should it be desired to adjust either sash to a different position, the handle portion 15, 16 of the lever is pressed downward and forward so as to swing the roller over to the position shown in Fig. 2, after which the sashes may be easily raised and lowered. After the sashes have been adjusted to the desired point, the roller is swung back to the position shown in Fig. 1 and accidental movement of the sashes will then be prevented. It will be noted that when the roller is in its forward position the front end of the roller carrying lever serves as a stop or support to maintain the lever in that position so that the hands of the operator will be free to manipulate the sashes, the handle portion of the lever being disposed in angular relation to the roller carrying portion of the same, so that it may be readily grasped and will support the roller in the forward position, as shown. It will also be noted that if the sashes have been moved to an open position they may be quickly closed without previously swinging the roller, inasmuch as the closing movement of the sashes will tend to throw the roller to the wider portion of the space in which it plays and consequently the roller will then not bind upon the sashes to prevent their movement.

It will be seen that my device is exceedingly simple in its construction, is composed of very few parts and will be found very efficient for the purpose for which it is designed.

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

A sash holder comprising a bracket having a transverse shoulder on its front side above its base, said shoulder having a groove in its upper face, a lever comprising an intermediate transverse portion journaled in said groove and arms extending from the opposite ends of said journal portion at an angle to each other, the free ends of said arms being bent laterally inward and one of said laterally bent ends forming a handle and rest, a roller mounted loosely on the other inwardly bent end of the lever, and a detachably secured keeper extending over the groove in the transverse shoulder of the bracket and over the intermediate portion of the lever journaled in said groove.

In testimony whereof I affix my signature, in presence of two witnesses.

WILLIAM H. KELLY.

Witnesses:
EDWIN HANGED,
R. B. LAMBERT.