

1,000,288.

Fig. 1.

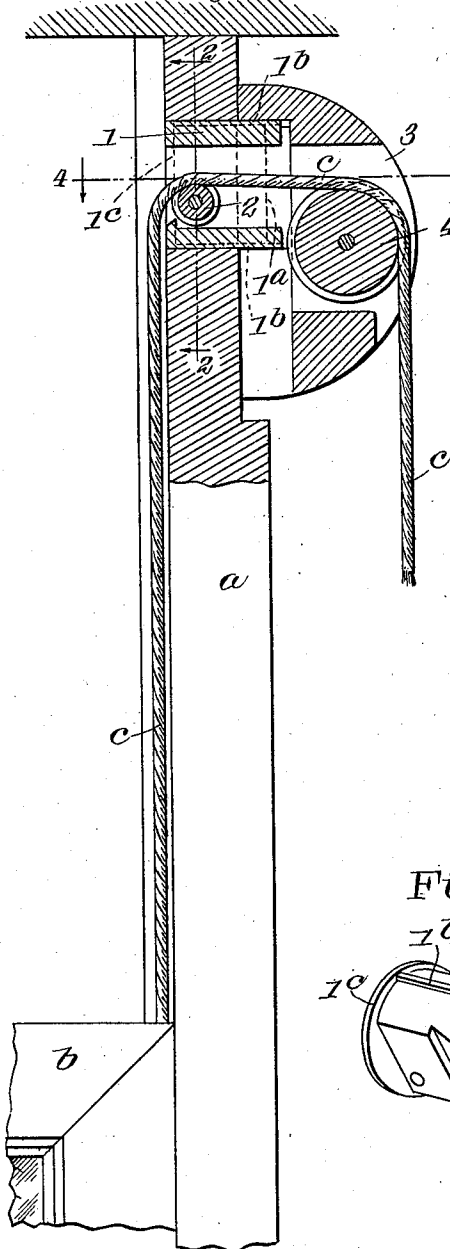


Fig. 2.

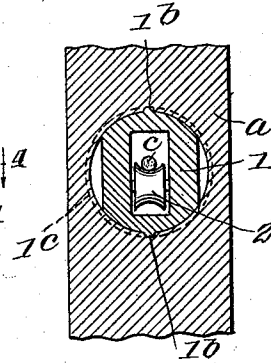


Fig.3.

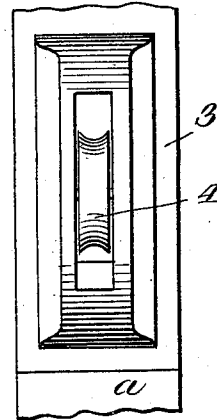


Fig. 4.

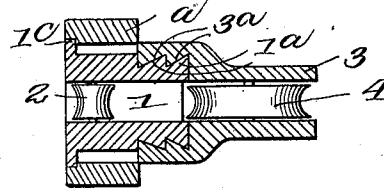


Fig. 6.

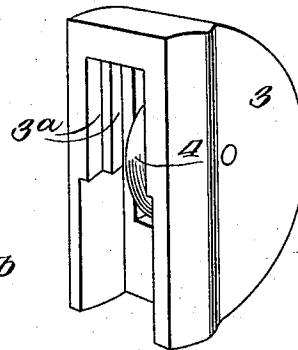
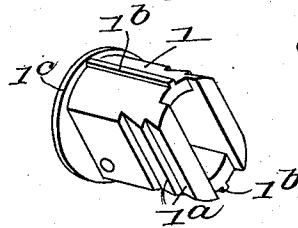


Fig. 5.



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UNITED STATES PATENT OFFICE.

JAMES PATRICK O'REILLY, OF PHOENIX, ARIZONA TERRITORY.

SASH-CORD GUIDE.

1,000,288.

Specification of Letters Patent.

Patented Aug. 8, 1911.

Application filed April 19, 1911. Serial No. 622,054.

To all whom it may concern:

Be it known that I, JAMES P. O'REILLY, a citizen of the United States, and a resident of Phoenix, in the county of Maricopa and Territory of Arizona, have invented an Improved Sash-Cord Guide, of which the following is a specification.

The object of my invention is to provide an improved substitute for the ordinary sash-cord guide, and also an improvement in the manner of securing it to a window frame.

By the old construction and method of attachment, it is necessary to bore two holes one-eighth of an inch deep in the window jamb and then to bore three more holes completely through the frame, and finally to chisel out the triple bore to form a mortise adapted to receive the pulley frame or casing.

In carrying out my invention, it is required to bore only one hole, which is through the jamb, and then insert therein a hollow cylinder having, interiorly, a small sash-cord pulley, and on the projecting end of such cylinder the frame containing the usual large sash-cord pulley is hung detachably, the engagement being effected by a sliding joint.

In the accompanying drawing Figure 1 is a vertical section of a portion of a window frame or jamb, together with my improved attachment applied thereto. Fig. 2 is a section on the line 2—2 of Fig. 1. Fig. 3 is an edge view of the pulley frame and a portion of the window jamb to which it is applied. Fig. 4 is a horizontal section on the line 4—4 of Fig. 1. Fig. 5 is a perspective view of the cylinder upon which the pulley frame is, in practice, hung detachably. Fig. 6 is a perspective view of the pulley frame and pulley journaled therein.

Referring in the first instance to Fig. 1, *a* indicates a window jamb or frame, *b* a sash slidable therein, and *c* a sash-cord to which, in practice, a weight (not shown) is attached.

My improved attachment consists of two parts, to wit, a hollow cylinder 1 having a small pulley 2 journaled therein, and a slotted semicircular frame 3 having a larger pulley 4 journaled therein. The arrangement and detachable engagement of the cylinder and frame are best shown in Fig. 1,

the cylinder being inserted through a bore 55 in the jamb and the pulley frame 3 being hung on the portion thereof which projects inward from the jamb. While the part 1 is termed a cylinder, it is not so in fact, it being flattened on two sides and one end 60 thereof being provided with vertical ribs and grooves 1^a, as shown in Figs. 4 and 5. The pulley frame 3 is provided interiorly with corresponding vertical ribs and grooves 3^a, the same being located in the upper and 65 inner portion of the pulley slot, as shown in Figs. 4 and 6. The engagement of the two parts, 1 and 3, is effected by sliding the part 3 down on part 1 until the head of the frame 3 rests upon the cylinder, the ribs and 70 grooves thus engaging, so that the pulley frame is hung in the position indicated in Fig. 1. The cylinder 1 is provided at top and bottom with a longitudinal rib 1^b and on its outer or face end with a radial flange 75 or head 1^c—see Fig. 5. The ribs 1^b serve to prevent rotation of the cylinder in the bore of the jamb, and the head 1^c, which is flush with the face of the jamb, prevents the cylinder being inserted too far. The small 80 sash-cord pulley 2 is located near the outer or face end and in the lower portion of the cylinder 1, and the large sash-cord pulley 4 is journaled in the slot of the frame 3 at such a point as to give due clearance to the 85 sash-cord.

It is apparent that my improvement may be cheaply constructed, easily and cheaply applied or detached, and thus constitutes a desirable substitute for the old form of attachment, which not only requires several borings to be made in the jamb, but also the use of nails or screws for holding the attachment in place.

What I claim is:—

1. The improved sash-cord guide comprising a cylinder constructed hollow and having a small pulley arranged adjacent to its face end, and a slotted frame having a sash-cord pulley journaled in the slot, the cylinder and frame having parts adapted for detachable engagement and the frame constructed with a top portion adapted to engage and rest on the cylinder and thus support the frame in due position, substantially 100 as described.

2. The improved sash-cord guide comprising a cylinder adapted for insertion in a

bore of a window jamb, its inner end being constructed with vertical ribs and grooves, and a slotted frame having a sash-cord pulley journaled therein and also provided interiorly with ribs and grooves adapted for
5 slidable engagement with those of the cylinder, the frame having a top portion adapted to bear upon the cylinder and thus support the frame in the required position, substantially as described.

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Witnesses:

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