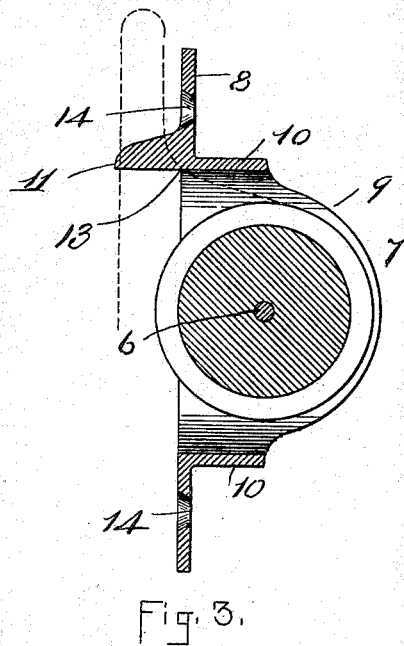
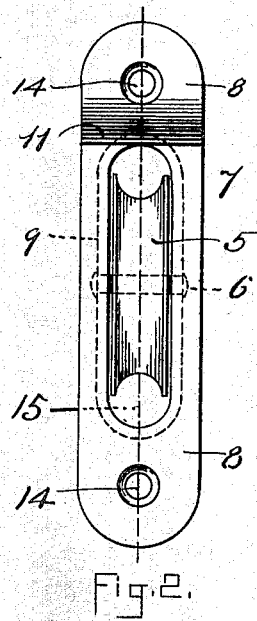
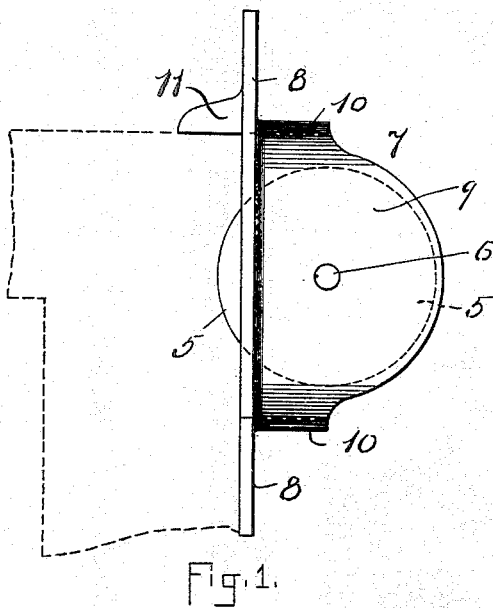


No. 647,612.

Patented Apr. 17, 1900.

L. H. ROWE.
SASH PULLEY BOX.
(Application filed Jan. 2, 1900.)

(No Model.)



WITNESSES:
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UNITED STATES PATENT OFFICE.

LUTHER H. ROWE, OF MELROSE, MASSACHUSETTS, ASSIGNOR OF ONE-HALF
TO GEORGE A. FULLER, OF ESSEX, MASSACHUSETTS.

SASH-PULLEY BOX.

SPECIFICATION forming part of Letters Patent No. 647,612, dated April 17, 1900.

Application filed January 2, 1900. Serial No. 55. (No model.)

To all whom it may concern:

Be it known that I, LUTHER H. ROWE, a citizen of the United States, residing at Melrose, in the county of Middlesex and State of Massachusetts, have invented new and useful Improvements in Sash-Pulley Boxes, of which the following is a specification.

The object of this invention is to produce a sash-pulley box which shall fulfil the ordinary functions of a sash-pulley box and in addition form a stop to prevent the lower window-sash from being pushed so high as to entangle and injure the window-cord, said injury to the window-cord being a common occurrence in the use of the ordinary sash-pulley box.

The invention has still further for its object to prevent the lower sash being raised so high that the window-fast shall strike the window-casing or header.

The invention consists of an improved form of sash-pulley box, as set forth in the following specification, and particularly pointed out in the claim thereof.

Referring to the drawings, Figure 1 is a side elevation of my improved sash-pulley box, a portion of a window-sash being shown in dotted lines in its relative location to said pulley-box when the sash is raised. Fig. 2 is a front elevation of my improved sash-pulley box; and Fig. 3, a section taken on line 3 3, Fig. 2.

Like numerals refer to like parts throughout the several views of the drawings.

In the drawings, 5 is a sash-pulley of the ordinary construction arranged to turn upon a pin 6, riveted to the pulley-box 7. Said pulley-box consists of a face-plate 8, with two flanges 9 9, formed thereon, joined together by cross-pieces 10, inclosing the pulley 5. Said face-plate 8 is provided with screw-holes 14 14, so that it may be fastened to the pulley-stile at any desired height, and has a longitudinal slot 15 therein to receive the pulley 5. The face-plate 8, flanges 9, and cross-pieces 10 are of the usual well-known construction, my improvement consisting of an ear 11, projecting from the outer face of the face-plate 8, preferably flush with the top of the slot 12.

It will be seen that when the lower sash is

raised until the top of the sash comes against the ear 11 any further upward movement will be prevented by said ear and the sash-cord will be prevented from being carried up so as to cut it upon the corner 13, as is very often the case in the use of the ordinary pulley-box. The limiting of the upward movement of the window-sash by the ear 11 also prevents the sash-cord from being carried up above the slot 12, so that upon the lower sash being lowered said sash-cord will not double upon itself, forming a loop, as indicated by dotted lines in Fig. 3, and thus throwing said sash-cord wholly or partially off of the sash-pulley and cutting said cord upon the edge of said pulley, an accident of common occurrence in the ordinary sash-pulley box.

The advantages secured by my invention are: first, the device is simple and cheap, costing no more than the ordinary pulley-box; second, it is applied to window-casings in the same manner as the pulley-box in ordinary use; third, it prevents the fraying and cutting of sash-cords and the resulting expense and trouble therefrom, and, fourth, it prevents the sash-fast from striking and marring the window-casing or header or breaking said fast when the sash is raised to its full extent.

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

As an improved article of manufacture, a sash-pulley box, consisting of a face-plate 8, means through which said face-plate may be fastened to the face of a window-pulley stile, a longitudinal slot 15 in said face-plate, pulley-supporting flanges 9, 9 on one face of said face-plate, and a projection 11 upon the opposite face of said face-plate, substantially at right angles thereto, substantially as described, for the purpose specified.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

LUTHER H. ROWE.

Witnesses:

CHARLES S. GOODING,
R. HENRY MARSH.