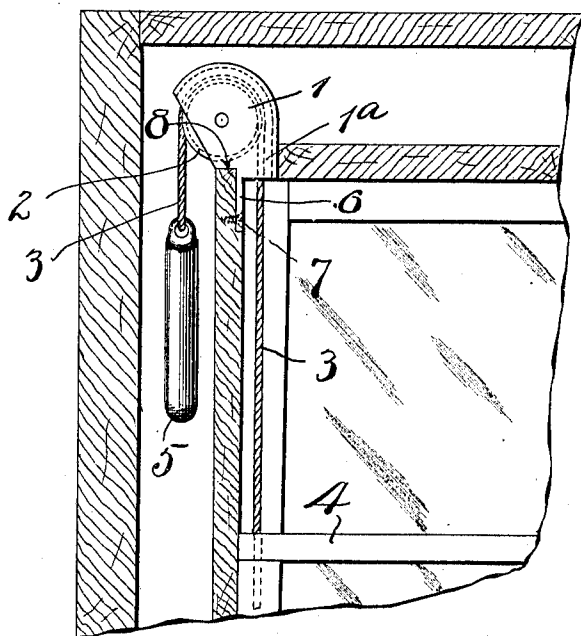


H. G. VOIGHT.
SASH CORD PULLEY.

APPLICATION FILED SEPT. 29, 1910.

980,031.

Patented Dec. 27, 1910.



Witnesses:
Fred H. M. Dammeyer
Chas. M. Peard

Inventor
H. G. VOIGHT
By his Attorneys
Bentley, Currier & Mitchell

UNITED STATES PATENT OFFICE.

HENRY G. VOIGHT, OF NEW BRITAIN, CONNECTICUT, ASSIGNOR TO RUSSELL & ERWIN MANUFACTURING COMPANY, OF NEW BRITAIN, CONNECTICUT, A CORPORATION OF CONNECTICUT.

SASH-CORD PULLEY.

980,031.

Specification of Letters Patent.

Patented Dec. 27, 1910.

Application filed September 29, 1910. Serial No. 584,443.

To all whom it may concern:

Be it known that I, HENRY G. VOIGHT, a citizen of the United States, residing at New Britain, county of Hartford, State of Connecticut, have invented certain new and useful Improvements in Sash-Cord Pulleys, of which the following is a full, clear, and exact description.

My invention relates to improvements in sash cord pulleys, the object being to provide an exceedingly simple and easily applied construction.

In the drawings the figure illustrates a side elevation of my invention as it would appear in place, said view being on a reduced scale.

1 represents a main frame or housing having journaled therein a pulley or shive 2. The housing 1 conforms in the main to the outline of the pulley, a sufficient clearance space, however, being provided for the travel of the sash cord 3.

4 represents a window sash to which the cord 3 is attached, while 5 represents a counterweight attached to the unseen end of the cord within the window casing.

At the lower side of the housing 1 there is an off-set portion 1^a. In the preferred form of the device the housing is provided with a downward extension 6 arranged to be secured to the upper exposed face of the side stile of the window casing by a screw 7 or other suitable fastening. As will be seen the upper corner of the window casing is provided with a passage for the lower part of the housing 1, said passage being formed by a notch extending back from the extreme corner into the end of the top lintel and by another notch extending down from the top of the side stile, said notches being so arranged as to cause the opening to be of a proper size to enable the housing 1 to substantially fit therein.

8 represents a seat in the bottom of the notch in the upper end of the side stile upon which the housing 1 and the weight of the parts carried thereby is supported.

It will be observed that the pulley 2 is entirely hidden and that the only opening which can be seen in the exposed part of the pulley housing is the aforesaid clearance space which is provided for the travel of the sash cord 3, this clearance space being in that part of the pulley housing which is flush with the head jamb of the window casing, said clearance space being, as shown, vertical and inside of the plane of the exposed surface of the side stile, whereby the sash cord may hang straight down from the head jamb. The downward extension 6 forms, with the adjacent exposed portion of the housing, an angle which corresponds with the angle formed by the exposed surfaces of the head jamb and side stile, and also furnishes a means to permit of the application of the holding screw 7, which may be inserted after the frame is set up.

What I claim is:

In combination with a window frame including a head jamb having a notch in one end thereof and a side stile having a notch in the end thereof registering with the notch in the head jamb, said notches forming a slotted passage through the upper corner of said window casing, of a pulley housing substantially filling both of said notches, the exposed part of said housing forming an angle corresponding with the exposed meeting surfaces of the head jamb and side stile, said housing having a vertical clearance passage for a sash cord, said clearance passage being located inside of the plane of the side stile, a pulley journaled in said housing, and a downward extension from said pulley housing arranged to lie flush with the exposed surface of the side stile and arranged to receive a fastening screw for holding said housing in place.

HENRY G. VOIGHT.

Witnesses:

M. S. WIARD,
H. J. BROWNE.