

(No Model.)

H. F. JENKS.
SASH CORD FASTENER.

No. 300,263.

Patented June 10, 1884.

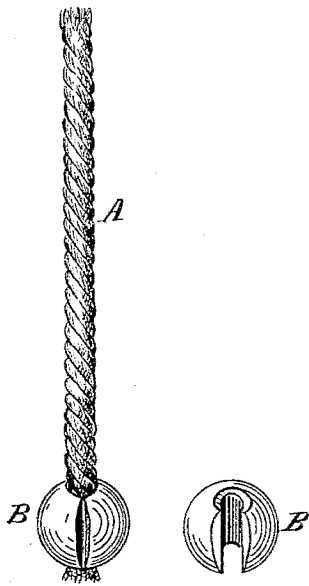


Fig. 1.

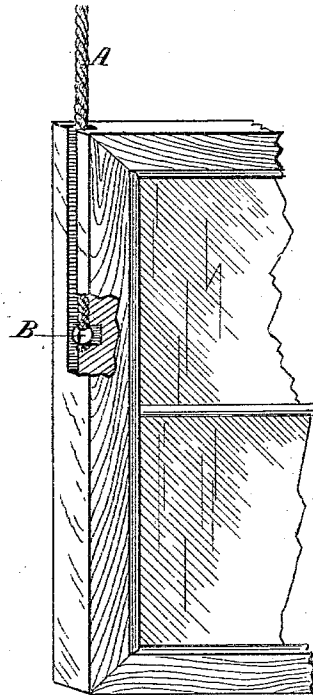


Fig. 2..

Witnesses:

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Inventor:

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UNITED STATES PATENT OFFICE.

HENRY F. JENKS, OF PAWTUCKET, RHODE ISLAND.

SASH-CORD FASTENER.

SPECIFICATION forming part of Letters Patent No. 300,263, dated June 10, 1884.

Application filed December 21, 1882. (No model.)

To all whom it may concern:

Be it known that I, HENRY F. JENKS, of Pawtucket, in the county of Providence and State of Rhode Island, have invented certain
5 new and useful Improvements in Window-Sash-Cord Grips.

The object of this invention is to furnish a stop for the end of sash-cords, as a substitute for the knots heretofore tied in such cords for
10 the purpose of connecting them to the sash and weight, of which invention the following is a specification, reference being had to the accompanying drawings, in which—

Figure 1 shows a detached view and a cord
15 end furnished with the grip, and Fig. 2 a section of a window-casing with my invention applied.

Heretofore it has been customary to connect window-sashes with their counterbalance-
20 weights by cords passing over pulleys, and to secure one end of each cord to the movable sash by a groove extending down a short distance in the outer edge of the stile, and terminating in an enlarged socket formed by boring
25 into the stile toward the glass, said socket receiving a knot formed on the end of the cord too large to draw through the groove in which the cord lies. Such knots, besides being clumsy and wasteful of the cord, are liable to untie,
30 thereby disconnecting the sash, and allowing the cord to be drawn by the weight into the casing. It has also been proposed to employ at the end of the cord a metallic button, consisting of three curved transverse bars connected at their ends, between which the cord
35 is with difficulty inserted endwise and the bars then flattened upon it. This I disclaim.

My invention consists in a sash-cord provided with a grip having a lateral opening
40 to receive the cord sidewise, and adapted to be compressed upon and thereby firmly attached to the end of the cord, while the grip enters the socket in the sash and retains the cord permanently in position.

A is the cord, and B the grip, preferably 45 of malleable iron, and nearly spherical, with an opening at one side reaching to or beyond the center for lateral insertion of the cord. In the drawings this opening is shown as terminating in a central vertical enlargement, 50 and such opening or enlargement will retain the cord when the grip is closed upon it by a quick blow or by pressure. The opening or enlargement is made without sharp edges, and is so proportioned to the cord as to clamp it 55 tightly before the sides of the opening come into contact with each other. The same device may be employed to prevent the cord drawing through the hole in the weight.

It is obvious that with the form described, 60 and shown in the drawings, the grip B becomes more nearly spherical when it is compressed upon the cord, and that the lateral insertion of the cord is much more convenient than if entered endwise, since the raveling of 65 the strands tends to make such insertion difficult.

Having thus described this improvement, what I claim in sash-cord fasteners, and desire to secure by Letters Patent, is— 70

As a new article of manufacture, a sash-cord grip consisting of a metallic ball having a rounded axial perforation of size and shape corresponding to that of the sash-cord, and a lateral slot or opening of less breadth internally than the diameter of the cord, and admitting said cord by a sidewise movement to the enlarged axial perforation, said ball being compressible by closing said slot, so that the walls of the axial perforation will grasp the 80 cylindrical cord without flattening it, substantially as set forth.

HENRY F. JENKS.

Witnesses:

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