

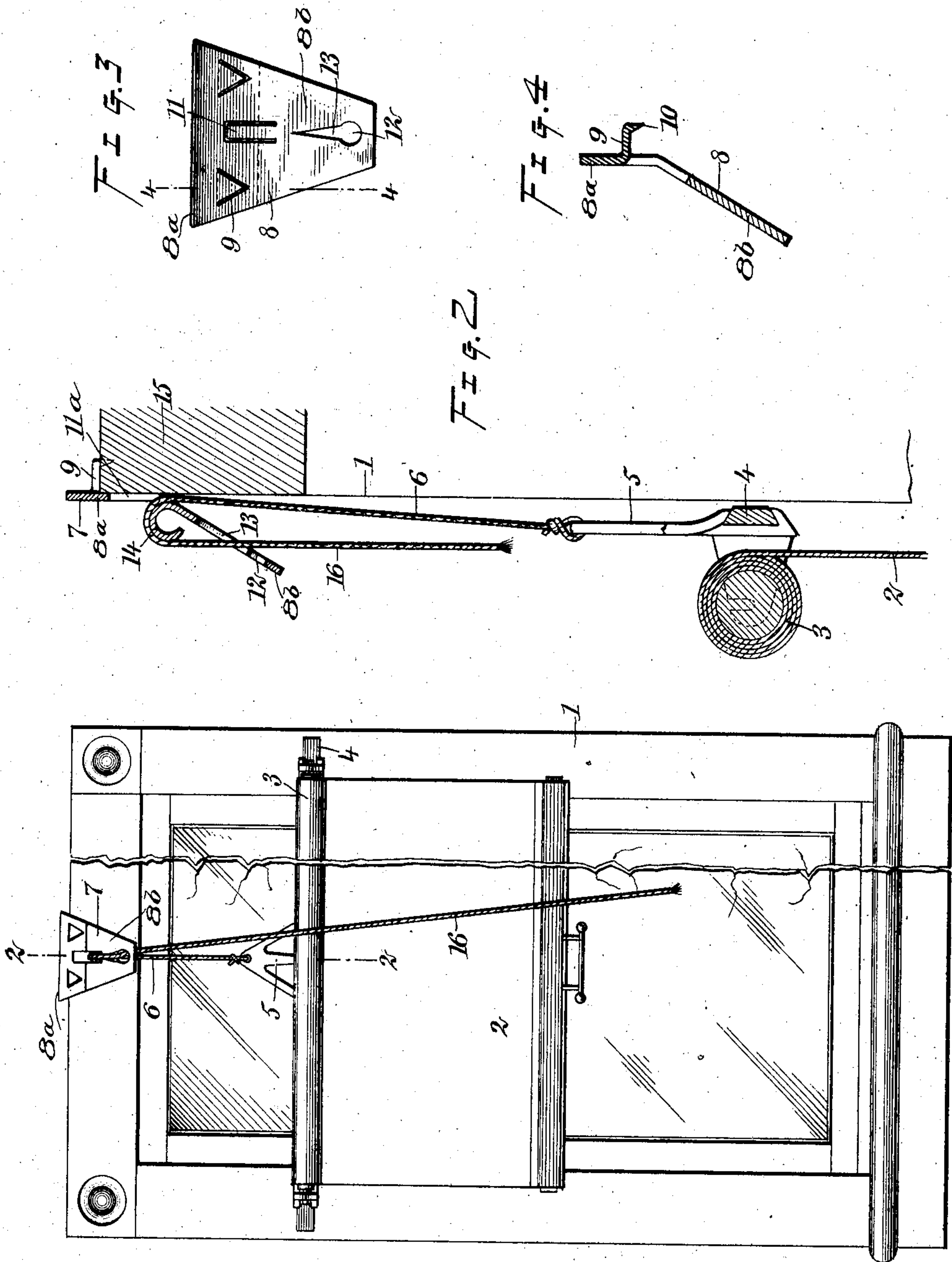
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PATENTED OCT. 30, 1906.

J. K. PUTNAM.

HANGER FOR SHADES.

APPLICATION FILED AUG. 26, 1905.



WITNESSES:

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Fig. 1

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# UNITED STATES PATENT OFFICE.

JAMES K. PUTNAM, OF MONTPELIER, INDIANA.

## HANGER FOR SHADES.

No. 834,752.

Specification of Letters Patent.

Patented Oct. 30, 1906.

Application filed August 28, 1905. Serial No. 275,915.

*To all whom it may concern:*

Be it known that I, JAMES K. PUTNAM, a citizen of the United States, and a resident of Montpelier, in the county of Blackford and State of Indiana, have invented a new and Improved Hanger for Shades, of which the following is a full, clear, and exact description.

This invention relates to hangers for window-shades.

It is especially applicable to that class of window-shades which may be raised and lowered bodily before the window.

The object of the invention is to provide a hanger of the class described which may be readily attached in position and which will operate as an efficient guide for the supporting-cord passing therethrough and afford means at the same time for locking the cord quickly, so as to support the shade at any desired height.

Economy or low cost of manufacture has also been an object of the invention.

The invention consists in the construction and combination of parts to be more fully described hereinafter and definitely set forth in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a front elevation showing a window to which my invention has been applied. This view is broken away, as will appear. Fig. 2 is a vertical section through my device and showing a portion of the window-casing with the shade supported by my device. Fig. 3 is a developed view or plan of the blank from which my device is made; and Fig. 4 is a section through the device, taken upon the line 4 4 of Fig. 3.

Referring more particularly to the parts, 1 represents a window-casement, before which there is supported a shade 2, the roller 3 whereof is attached to a batten 4. This batten is supported upon a hanger-yoke 5, attached to a cord 6. The said cord passes through a device or bracket 7, which constitutes the subject-matter of this application. This device constitutes a hanger for supporting the cord 6 and enables the cord to be locked thereto by a simple movement, when desired. This hanger may be cast, but is preferably constructed of sheet metal. When constructed of sheet

metal, the body 8, from which the device is formed, is preferably substantially the shape indicated in Fig. 3, having the form of a key-stone. Near the broad or upper extremity of the blank ears 9 are punched back from the metal of the plate into a plane substantially at right angles to the plane of the plate, and these ears 9 are bent down at right angles at their extremities, so as to form spurs 10. Between these ears 9 and the vertical central axis of the plate a tongue 11 is punched forwardly. In the lower portion of the plate an opening 12 is formed, the lower portion of which is substantially circular and of enlarged dimensions and the upper portion of which is elongated vertically and diminishes in width upwardly, so as to form a jaw or restricted notch 13, the edges whereof diverge, as shown. Substantially the lower half portion of the plate 8 is bent upon a transverse line outwardly at a slight angle with respect to the plane of the upper portion. In this way the body of the plate is formed into a base 8<sup>a</sup> and a wing 8<sup>b</sup>. Furthermore, the tongue 11 referred to above is bent forwardly into substantially circular form, so as to constitute a curved lip 14, as indicated in Fig. 2. In this way an opening 11<sup>a</sup> is formed in the base-plate 8<sup>a</sup>. This figure also illustrates the manner of applying the plate to the lintel of the window-frame. To do this, the ears 9 are applied to the upper edge of the lintel and the spurs 10 are forced down into the body of the lintel, as shown, the rear side of the plate 8 lying against the forward face of the lintel, as indicated. The cord 6, which supports the shade 2, passes upwardly therefrom. It passes between the lip 14 and the face of the lintel, passing forwardly over the lip and then down into a convenient position to be grasped by one's hand. In passing downwardly this cord passes through the opening 12 aforesaid, through which it passes freely. By forcing the outer or free portion 16 of the cord in the direction of the window the same may be forced into the restricted notch or jaw 13. It should be understood that the cord is sufficiently small to pass freely through the opening 12, but large enough to be forced tightly into the notch 13. Hence by forcing the cord into the notch in this manner it will be securely held against movement, and the cord will then operate to support the shade in a fixed position. When it is desired to release the shade so as to raise or lower the



same bodily, it is only necessary to pull the cord end forwardly until it passes into the opening 12.

5 The device described is evidently very simple in construction and will operate efficiently to fulfil its purposes.

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

10 1. A hanger for shades, consisting of a plate comprising a base-plate adapted to be attached to a support, and having a substantially flat wing-plate projecting outwardly and forming an angle with said base-plate, 15 said plate having a tongue projecting into the angle between said base-plate and said wing-plate, and constituting a guide, said wing-plate having an opening below said tongue with a restricted notch adapted to receive 20 the cord.

2. A hanger for shades, consisting of a plate comprising a base-plate adapted to be attached to a support, and having a wing-plate projecting outwardly at an angle there- 25 to, said plate having a tongue projecting into the angle between said base-plate and said

wing-plate and constituting a guide for a cord, said wing-plate having an opening below said tongue with a restricted notch adapted to receive the cord, said base-plate having 30 an opening therethrough above said tongue through which the cord may pass.

3. A hanger for shades, consisting of a base-plate adapted to be attached to a support, having a wing-plate projecting at an angle thereto, said base-plate having a tongue 35 struck outwardly therefrom, whereby an opening is formed in said base-plate, said tongue projecting from said wing-plate and lying in the angle between said plates and being bent so as to constitute a lip over which 40 the cord may pass, said wing-plate having an opening formed therein beneath said lip, and having a restricted notch into which the cord may be forced to hold the same. 45

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JAMES K. PUTNAM.

Witnesses:

AMOS BOYD,

GUY R. BRACKIN.