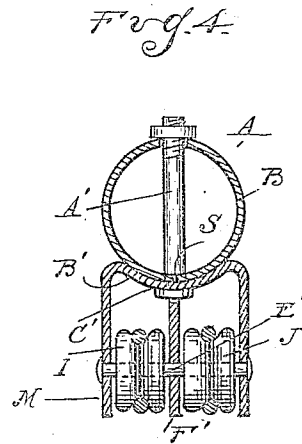
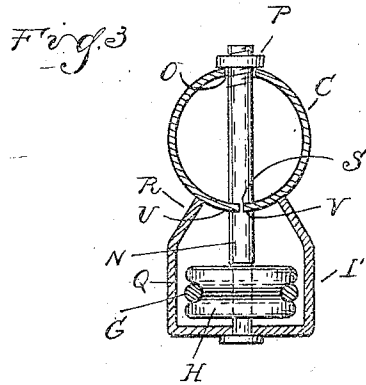
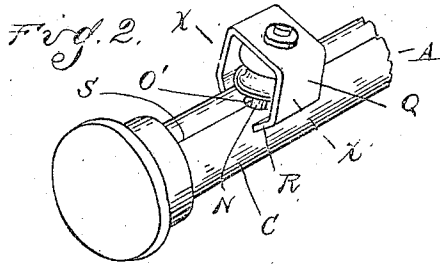
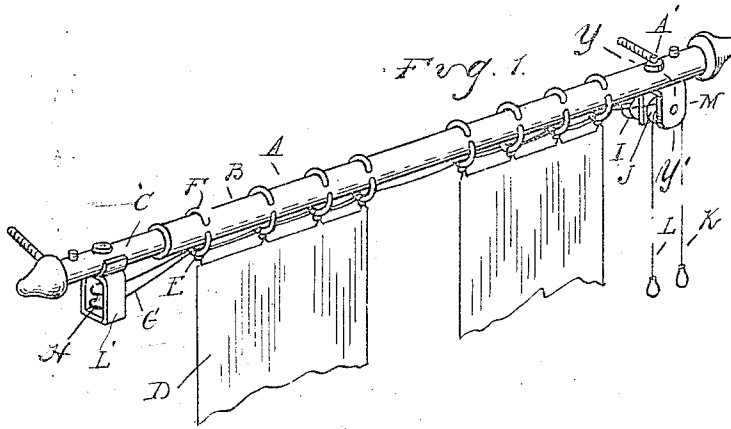


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CURTAIN POLE.

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1,037,906.

Patented Sept. 10, 1912.



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CARL HELLMICH, OF DETROIT, MICHIGAN.

CURTAIN-POLE.

1,037,906.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CARL HELLMICH, a citizen of the United States of America, residing at Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Curtain-Poles, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to curtain poles, and particularly to that type of curtain pole in which the curtains or draperies are separated or drawn together by a cord or similar actuating device that passes around pulleys at the opposite ends of the curtain pole.

The invention resides in the novel construction of bracket by which the pulley is secured to the pole, and consists in the provision of a bracket which when attached to the pole will be securely anchored against transverse movement, and when applied to poles of the split type will engage the tube upon opposite sides of the slit therein and clamp the meeting edges together, thereby adding rigidity and strength to the tube.

In the drawings, Figure 1 is a perspective view of a curtain pole with my improvement attached thereto; Fig. 2 is a similar view of one of the brackets; Fig. 3 is a section on line $x-x$ of Fig. 2; and Fig. 4 is a section on line $y-y$ of Fig. 1.

A represents the pole proper of telescopic construction formed of members B C of the split tube type.

D are the curtains or draperies having rings E at their upper ends engaging a plurality of rings F loosely mounted upon the pole.

G is an operating cord for shifting the curtains doubled upon itself and passing over a single sheave H at one end of the pole and a pair of sheaves I J at the opposite ends, the free ends K L of the cord being extended downwardly within reach of the operator. This cord is secured to the end ring of each curtain, so that a pull on one cord end will cause the curtains to separate, while by drawing upon the other cord end the curtains will be brought together.

The sheaves are mounted in brackets L' M, and as before stated it is in the peculiar construction of these brackets that my invention resides. The bracket L' is formed by a U-shaped comparatively wide piece of metal, the base of the U being fixedly secured to a bolt N. This latter member forms a journal

for the sheave H, and has a threaded extension which projects through alining apertures O O' in the tube, the aperture O' extending through the slit S of the tube.

P is a nut on the extension of the bolt for clamping the bracket to the pole. The legs Q of the bracket extend upwardly and then inwardly, but the ends R of the legs are spaced to engage the tube at points a distance from and upon opposite sides of the slit S in the tube. By this arrangement, upon tightening the nut the meeting edges U V will be forced inwardly by the ends R and clamped together. It will be readily understood that when the edges U V are held against spreading movement, the rigidity and strength of the tube will be materially increased. Also, as the ends R of the bracket are comparatively wide, the latter is held against transverse movement in relation to the pole.

The bracket which carries the sheaves I J accomplishes the same results as the member L'. This bracket is also made of a wide piece of metal of U-shaped form, but is inverted. The securing bolt A' extends outwardly from the base B' of the member M, and the base is slightly concaved so that the edges C' thereof form spaced bearing portions for engaging upon opposite sides of the slit S. The sheaves I J are journaled upon a pin E', and preferably are separated by a spacing plate F'.

What I claim as my invention is,—

1. The combination with a cylindrical curtain pole, of a sheave, a bracket for securing said sheave to the pole, having spaced wide bearing portions for engaging the cylindrical surface of the pole adapted to prevent turning of the bracket, a bolt secured to said bracket extending through said pole and having a portion projecting therebeyond, and a nut on said projection for securing the bracket to the pole.

2. The combination with a cylindrical curtain pole, of a sheave, a bracket for securing the sheave to the pole, comprising a U-shaped member having spaced bearing portions engaging the cylindrical surface of the pole for preventing turning of the bracket, a bolt secured to the base of the U and extending through the pole, and a nut on the bolt for detachably securing said U-shaped member to the pole.

3. The combination with a split tube or pole, of a sheave, a bracket for securing the

sheave to the pole comprising a member attached to the tube and having spaced bearing portions arranged upon opposite sides of the slit in the tube, and adjustable means
5 for clamping said bearing portions against said tube whereby when the bracket is secured in place the meeting edges of the slitted tube are forced together.

4. The combination with a longitudinally
10 slitted cylindrical curtain pole, of a sheave, and a bracket for securing the sheave to the pole comprising a U-shaped member having spaced bearing portions for engaging the cylindrical surface of the pole, and means
15 for clamping the bracket to the pole, adapted during the clamping action to force the meeting edges of the slitted pole together.

5. The combination with a cylindrical curtain pole, of a sheave, and a bracket for
20 securing the sheave to the pole comprising a U-shaped member having spaced bearing portions for engaging the cylindrical surface of the pole, a bolt secured to the base of the U and extending through the pole,

and a nut on the bolt for clamping the 25 spaced bearing portions against the cylindrical surface.

6. The combination with a split tube or pole provided with alining apertures, one of the apertures passing through the slit, of a 30 sheave, and a bracket for detachably securing the sheave to the pole comprising a U-shaped member having spaced bearing portions arranged upon opposite sides of and spaced from the slit, a bolt secured to the 35 base of the U and extending through said alining apertures, and a nut on the bolt for clamping the spaced bearing portions against the surface of the tube whereby the meeting edges of the slitted portion are held 40 together.

In testimony whereof I affix my signature in presence of two witnesses.

CARL HELLMICH.

Witnesses:

W. J. BELKNAP,
JAMES P. BARRY.