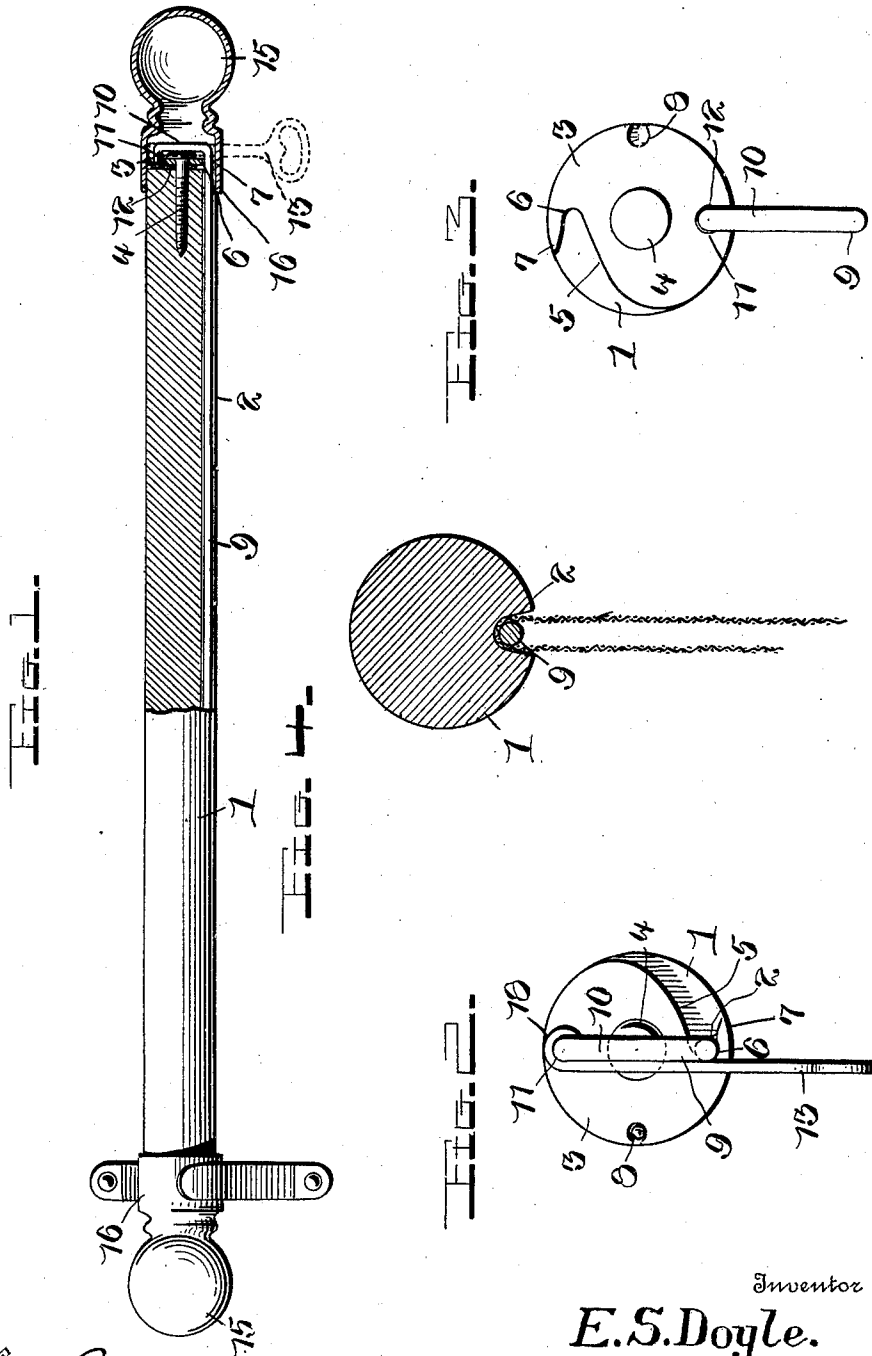


E. S. DOYLE.
CURTAIN POLE.

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983,428.

Patented Feb. 7, 1911



Witnesses

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UNITED STATES PATENT OFFICE.

EDWARD S. DOYLE, OF SLIDELL, TEXAS.

CURTAIN-POLE.

983,428.

Specification of Letters Patent.

Patented Feb. 7, 1911.

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To all whom it may concern:

Be it known that I, EDWARD S. DOYLE, a citizen of the United States, residing at Slidell, in the county of Wise and State of Texas, have invented certain new and useful Improvements in Curtain-Poles, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to improvements in curtain poles and particularly with reference to means for detachably and adjustably clamping a curtain to a curtain pole so as to admit of the ready attachment and detachment of the curtain, the object of the invention being to effect improvements in the construction of the pole, and to combine therewith a curtain attaching wire, and to also combine therewith means for adjusting and operating and releasing the said clamping wire.

The invention consists in the construction, combination and arrangement of devices hereinafter described and claimed.

In the accompanying drawings—Figure 1 is partly an elevation and partly a longitudinal central sectional view of a curtain pole constructed in accordance with my invention. Fig. 2 is an end elevation of the same showing one of the operating and locking disks in locked position. Fig. 3 is a similar view of the same showing the said disk in released position, and Fig. 4 is a vertical transverse sectional view of the same with the clamping wire in locked position, and in engagement with a curtain.

In accordance with my invention, my improved curtain pole 1 is provided in one side with a longitudinal groove 2 which extends from end to end thereof. At each end of the pole is an operating and locking disk 3 which is pivotally mounted, a pivot 4 being centrally disposed with reference to the disk, and to the pole. The disk is provided at one side with a reentrant curved edge 5 at one end of which is a receiving notch 6, and a locking hook 7, the said hook forming the outer side of the said notch. The said disk is also provided in one side with a peripheral notch 8. When the disks are turned in one position, they cover the ends of the groove 2. When turned in another position so as to dispose their reentrant edges toward the said groove, the ends of the latter are open as will be understood. In combination with the grooved

pole and with the disk, I also employ a clamping wire 9, which extends from end to end of the pole, which is adapted to move into and out of the groove, 2, and is provided with right angular bends 10 at its ends which terminate in inwardly extending pivots 11 which engage openings 12 with which the disks 3 are provided, the said openings being eccentrically located in the said disks, and opposite the reentrant edges 5 thereof. Hence by turning the disks in one direction, the wire will be drawn into the said groove, and assuming that a curtain has been passed over the wire, the curtain also will be drawn into the groove and clamped therein, and hence secured to the pole by the wire. When the wire has been drawn snugly into the groove so as to clamp the curtain, the hooks 7 of the disks are in engagement with the outer side of the wire and hence the disks not only serve to operate the wire to draw the latter into or move it outwardly from the groove in the pole but also, by reason of the provision of the hooks 7, serve to lock the wire in clamped or curtain engaging position. If desired tacks or the like devices may be driven into the ends of the pole through the notches 8 to secure the disks in locking position but ordinarily this will not be necessary.

I provide for use in connection with the pole, an implement 13 which is provided with a hooked end 18 for engagement with the crank ends 10 of the wire, the implement when thus engaged with the wire serving as a lever to enable the disks or either of them to be readily turned.

In practice I employ in connection with the pole a pair of end ornaments 15 which are provided with tubular sleeves 16 adapted to be placed on or removed from the ends of the pole at will.

I claim:—

1. In combination with a curtain pole, a clamping wire movable toward and from the pole and extending lengthwise thereof, and revoluble elements mounted on the ends of the pole and to which the ends of the said clamping wire are eccentrically connected the pivoted axes of the said revoluble elements being longitudinal of the pole.

2. In combination with a curtain pole, a clamping wire movable toward and from the pole and extending lengthwise thereof, and revoluble elements mounted on the ends of the pole and to which the ends of the

said clamping wire are eccentrically connected, said revoluble elements being provided with locking means for engagement with the wire when the latter is drawn inwardly to the pole.

3. In combination with a curtain pole having a longitudinal groove in one side, a pair of revoluble elements mounted on the ends of the pole and each provided with a locking member, and a clamping wire having its ends provided with crank members eccentrically connected to the said revoluble elements, said wire being movable by said revoluble elements into and out of engagement with said groove.

4. In combination with a curtain pole

having a longitudinal groove in one side, a pair of disks centrally mounted for revolution on the ends of the pole and each provided with a reëntrant edge, a notch at one end of said reëntrant edge, and a locking hook forming the outer side of said notch, and a clamping wire movable into and out of said groove and having crank portions at its ends connected to the said disks.

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

EDWARD S. DOYLE.

Witnesses:

L. M. ATCHESON,
E. C. McCALLUM.