No. 712,163. Patented Oct. 28, 1902.

J. A. WHITE.

CURTAIN POLE.

(Application filed Dec. 30, 1901.)

(No Model.)

Fig. 1.

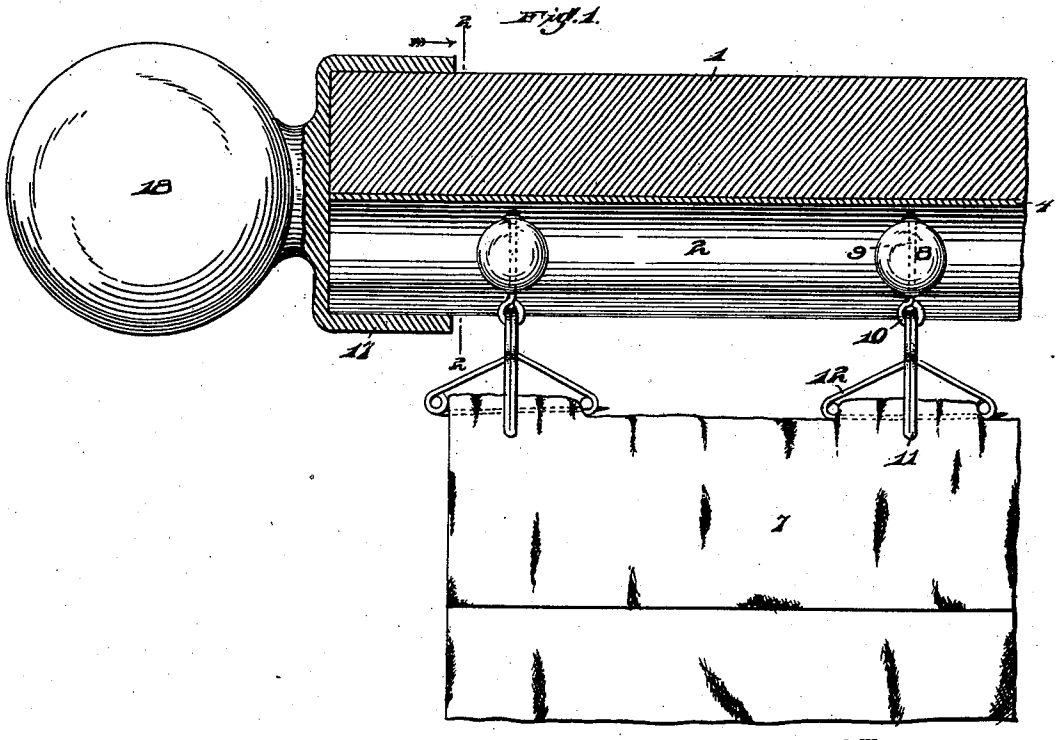


Fig. 3.

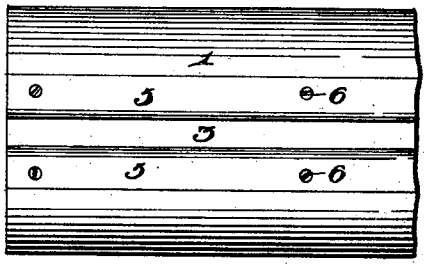


Fig. 2.

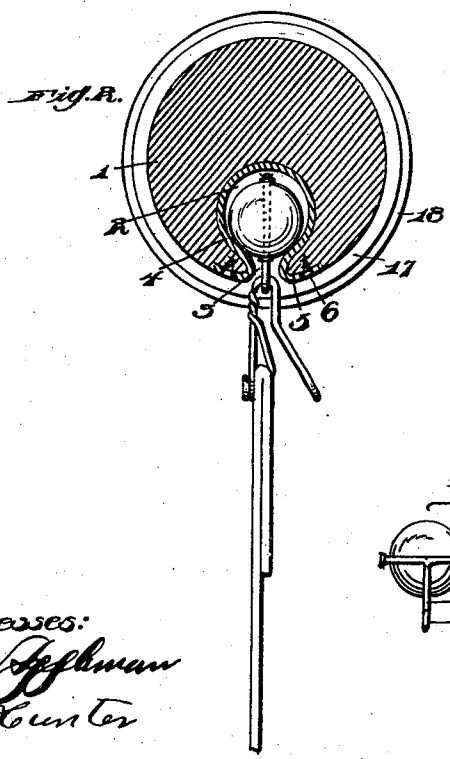


Fig. 4.

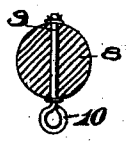
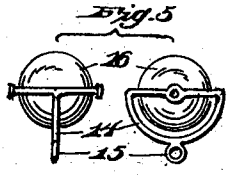


Fig. 5.



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UNITED STATES PATENT OFFICE.

JOSEPH A. WHITE, OF ALLEGHENY, PENNSYLVANIA.

CURTAIN-POLE.

SPECIFICATION forming part of Letters Patent No. 712,163, dated October 28, 1902.

Application filed December 30, 1901. Serial No. 87,727. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH A. WHITE, a citizen of the United States, residing at Allegheny, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in Curtain-Poles, of which improvement the following is a specification.

This invention relates to certain new and useful improvements in curtain-poles, and has for its object to construct a curtain-pole with movable carriers for the curtain, the curtain-carriers besides being movable longitudinally in the curtain-pole being removable therefrom, a greater or less number of the same being employed, as may be desired or required according to the nature of the curtain being supported.

Briefly described, the invention consists of a curtain-pole circular in cross-section and bored from end to end below its center. The pole is also provided along its underneath side with a groove which registers with the bore in the pole, and this bore and the groove are lined with a metallic or other lining, which has its edges flanged and seated into the underneath face of the curtain-pole, flush with the periphery of the latter. For supporting the curtain I employ a series of spherical bodies which are adapted to travel in the bore of the pole and have depending eyes to receive hooks carried by safety-pins or like devices which connect with the curtain.

All of the above construction will be hereinafter more specifically described, and then particularly pointed out in the claim, and in describing the invention in detail reference will be had to the accompanying drawings, forming a part of this specification, and wherein like numerals of reference will be employed to designate like parts throughout the several views, in which—

Figure 1 is a central longitudinal sectional view of a part of my improved curtain-pole, showing a part of the curtain. Fig. 2 is a transverse vertical sectional view taken on the line 2 2 of Fig. 1. Fig. 3 is an underneath plan view of a part of the curtain-pole. Fig. 4 is a central vertical sectional view of one of the spherical bodies that travel in the bore of the pole. Fig. 5 is a detail side view of a modified form of traveling ball or body for supporting the curtain.

To put my invention into practice, I provide a curtain-pole 1, preferably cylindrical in form and provided from end to end with a bore 2, that is eccentric of the pole, being below the central horizontal line of the same. This pole is also grooved along its underneath face, this groove 3 registering with the bore 2, but the width of the groove is considerably less than the diameter of the bore 2. A lining 4 is placed in the bore 2 and the groove 3 and has its edges 5 countersunk into the underneath face of the pole, so as to be flush therewith. This lining is secured by screws or nails 6, as shown.

For supporting the curtain 7 I employ a series of spherical bodies 8, each of which has a central vertical shaft 9 secured therein and provided on its lower end with an eye 10. This eye lies within or slightly below the groove 3 in the pole and is adapted to receive the hook 11, carried by the safety-pin 12, or other device attached to the curtain 7.

In Fig. 5 I show a modified form of traveler which consists of a cup-shaped frame 14, the depending yoke of which travels in the groove of the curtain-pole and carries an eye 15, into which the hook of the safety-pin is engaged. This cup-shaped frame carries a shaft or axle upon which the spherical body or ball 16 is rotatably mounted, so that the same will rotate as the carrier is moved along in the bore of the pole and assist in decreasing the friction.

The ends of the pole are closed by suitable caps or sleeves 17, which may be made with ornamental knobs 18, so as to give a neat appearance to the pole, these caps closing the pole at its ends, so as to prevent the carriers being accidentally removed.

It will be observed that a greater or less number of the carriers may be employed, according to the weight of the curtain being supported or according to the manner in which it may be desired to drape the same, and in the practice of the invention it will be noted that various changes may be made in the details of construction without departing from the general spirit of my invention.

Having fully described my invention, what

I claim as new, and desire to secure by Letters Patent, is—

In a curtain-pole the combination of a pole having a bore extending eccentrically therethrough with a groove along its under face registering with said bore, a metal lining engaging the interior of said bore and having its ends bent outwardly and countersunk in the periphery of the pole adjacent to the said groove therein with securing means engaging through the said ends and secured in the pole, spherical bodies engaging the said metal lining and carrying eyes depending through the groove in the pole with fastening devices carried by the curtain and engaging in said eyes, substantially as described.

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

JOSEPH A. WHITE.

Witnesses:
JOHN GROETZINGER,
M. HUNTER.