H. A. ANDERSON.

CURTAIN POLE.

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1,037,846.

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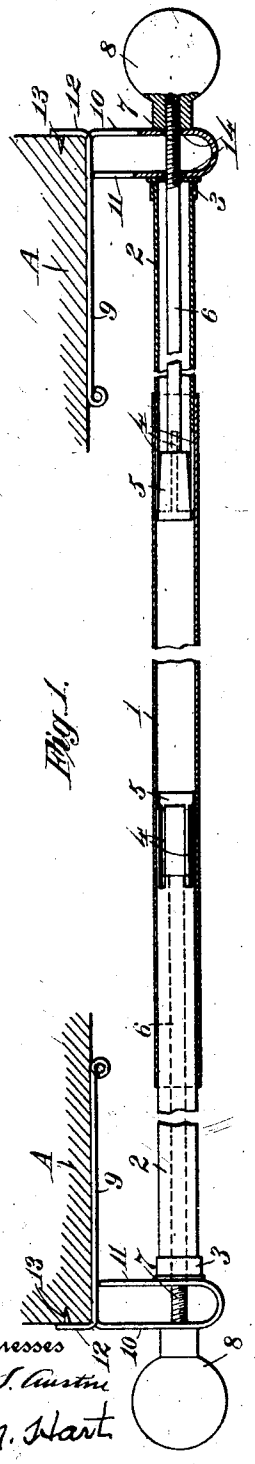

Fig. 1.

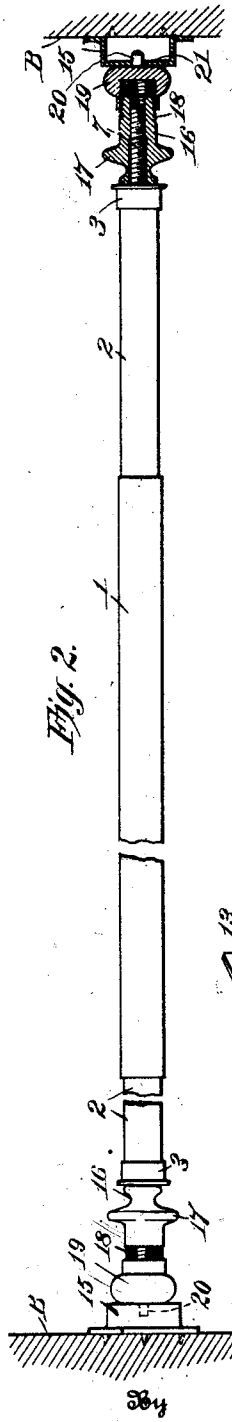

Fig. 2.

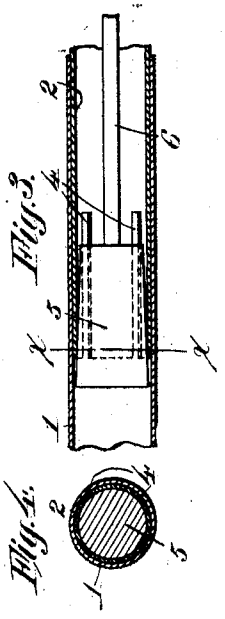

Fig. 3.

Fig. 4.

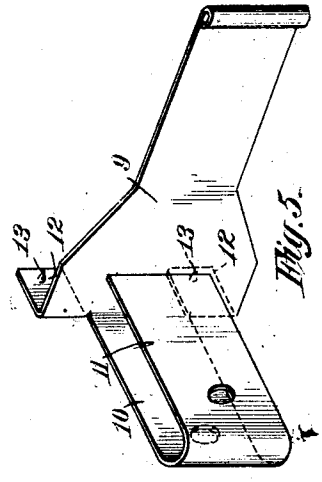

Fig. 5.

Witnesses

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UNITED STATES PATENT OFFICE.

HENRY A. ANDERSON, OF MISSOULA, MONTANA.

CURTAIN-POLE.

1,037,846. Specification of Letters Patent. Patented Sept. 10, 1912.

Application filed August 25, 1911. Serial No. 646,030.

To all whom it may concern:

Be it known that I, HENRY A. ANDERSON, a citizen of the United States, residing at Missoula, county of Missoula, and State of Montana, have invented certain new and useful Improvements in Curtain-Poles, of which the following is a specification.

My invention relates to curtain poles and particularly to poles for curtains and portières which may be adjusted in length to suit the width of the window or door where they are to be used.

The object of my invention is to provide a pole of the class mentioned which may be readily adjusted in length and which, when adjusted, will hold the brackets or support in position on the window or door frame.

A further object of my invention is to provide an adjustable pole of the class under consideration equipped with means whereby it may be adapted for use with projecting brackets or with sockets on the inner faces of the window frames or door jambs.

A further object of my invention is to provide an adjustable pole characterized as above mentioned which shall be of neat appearance, and of sufficient strength to perform the functions for which it is intended.

Other objects will appear hereinafter.

With these objects in view, my invention consists generally in a curtain pole comprising a central tubular portion, a pair of end portions telescoping thereinto, means for locking said portions against relative movement and means threaded upon the outer ends of the last said portions for engaging the supports and clamping the same against the window or door frames.

My invention further consists in various details of construction and arrangements of parts all as will be fully described hereinafter and particularly pointed out in the claims.

My invention will be more readily understood by reference to the accompanying drawings forming a part of this specification and in which—

Figure 1 is a plan view, partially in section, of a curtain pole embodying my invention, and illustrating the same in conjunction with a bracket such as is used for supporting the pole upon a window frame. Fig. 2 is a similar view illustrating the pole in conjunction with socket supports, and equipped with means for engaging the sockets, Fig. 3 is a detail sectional view illustrating the locking means, Fig. 4 is a section on the line x—x of Fig. 3, and Fig. 5 is a perspective view of one of the brackets.

Referring now to the drawings 1 indicates the central portion of the pole and 2 indicates the end portions. The portions 1 and 2 are tubular and the latter telescope within the former by which construction the length of the pole may be adjusted. The outer ends of the portions 2 are closed by means of caps 3. The inner end of each of the portions 2 is split, as indicated at 4, and arranged within each of the split ends is a frusto-conical member 5, the larger end of which is of greater diameter than the internal diameter of the tubular portion 2. It is obvious that by drawing the member 5 within the split end of the member 2, said end will be expanded and bind tightly within the member 1, thereby locking the members 1 and 2 against relative longitudinal movement. The member 5 is secured to the end of a rod 6 which extends through the respective member 2 and projects beyond the end thereof, the projecting end being threaded as indicated at 7.

When the device is used with a bracket the end 7 is projected through an aperture in the arm of the bracket and a ball end 8 is threaded thereon. The pole is adjusted in length to fit between the arms of the brackets, as shown in Fig. 1, and as the balls are screwed upon the ends of the rods 6 they will engage the outer faces of the bracket arms and draw the rod forcing the member 5 within the split end of the member 2.

The bracket which is preferably used with the pole comprises a plate 9 adapted to rest against the outer face of a window casing A, a tongue extending outwardly at right angles to the plate 9 and bent back upon itself forming parallel portions 10 and 11 constituting the arm of the bracket, and ears 12 extending in the opposite direction from the arm and provided with prongs 13 which engage into the edges of the window casing. The portions 10 and 11 are provided with perforations 14 to receive the end of the rod 6. When the balls 8 are threaded upon the rods they will engage

the outer portion 10 of the bracket arms and clamp the brackets securely upon the window casing.

In Fig. 2 I have illustrated the device as used in conjunction with sockets 15 upon the inner faces of door jambs B. When used in this manner the pole is equipped with a sleeve 16 threaded upon the end of the rod 6 and bearing against the cap 3, by means of which the member 5 may be operated. The sleeve 16 is provided with a peripheral flange 17 to facilitate turning the same and also serving to ornament the device. The outer end of the sleeve 16 is threaded as at 18 and threaded thereon is a member 19 having a lug 20 to engage an aperture 21 in the socket member 15. In using the device the member 19 is retracted upon the sleeve 16 and the pole adjusted to the proper length. The sleeve 16 is then turned to lock the portions 1 and 2 and the members 19 turned upon the sleeve to engage the socket members and force the same into firm engagement with the jambs B.

Having described my invention what I claim as new and desire to secure by Letters Patent is:—

1. In a curtain pole a central tubular section and a pair of end tubular sections telescoping thereinto, means at the inner ends of each of the end sections for locking said sections against relative movement, means at the outer ends of said end sections for operating said locking means and means carried by the lock operating means for engaging pole supports and clamping the same against a window or door frame, substantially as described.

2. In a curtain pole, a central tubular section, a pair of end sections telescoping thereinto, the inner ends of said end sections being longitudinally split, frusto-conical members projecting into said split ends, a rod fixed to each of said members and extending through the respective end sections, said rods projecting beyond the ends of the sections and threaded, members threaded upon the projecting ends of said rods, the outer ends of the last said members being exteriorly threaded and support engaging members threaded upon said ends, substantially as described.

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

HENRY A. ANDERSON.

Witnesses:
H. D. FISHER,
STELLA NASH.