

No. 696,534.

Patented Apr. 1, 1902.

J. ASSEL.
CURTAIN POLE.

(Application filed Jan. 6, 1902.)

(No Model.)

Fig. 1.

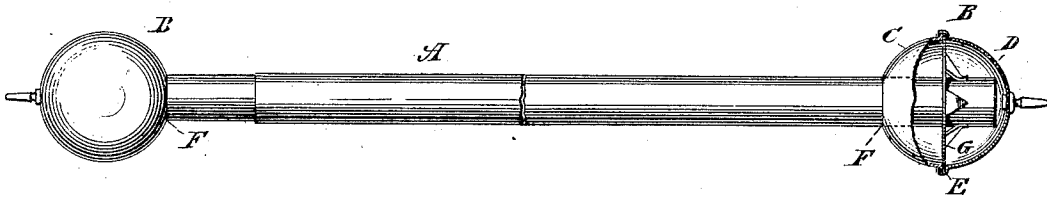


Fig. 2.

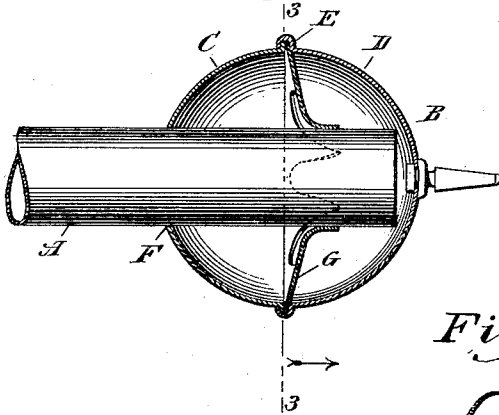


Fig. 3.

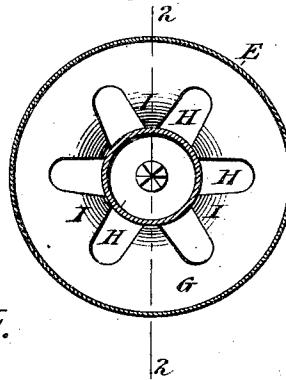
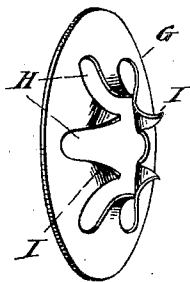


Fig. 4.



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CURTAIN-POLE.

SPECIFICATION forming part of Letters Patent No. 696,534, dated April 1, 1902.

Application filed January 8, 1902. Serial No. 88,597. (No model.)

To all whom it may concern:

Be it known that I, JACOB ASSEL, a citizen of the United States, and a resident of Watertown, in the county of New Haven and State of Connecticut, have made and invented certain new and useful Improvements in Curtain-Poles, of which the following is a specification.

My invention relates to an improvement in curtain-rods, curtain-poles, and like fixtures, and more particularly to the manner of removably attaching the balls or knobs to the ends thereof, the object being to provide means for the attachment of said knobs which shall be simple in construction, cheap to manufacture, and which will effectively hold them in place, while at the same time allowing them to be easily attached or detached.

With these and other ends in view my invention consists in certain novel features of construction and combinations of parts, as will be hereinafter fully described, and pointed out in the claims.

In the accompanying drawings I have illustrated an extension curtain-rod such as is usually made of metal in the form of tubes, Figure 1 showing such a rod having knobs applied to the ends thereof and containing my invention, one of said knobs being partially broken away to show the method of attachment. Fig. 2 is a sectional view of one of the knobs attached to the end of the curtain-rod, the same being illustrated on an enlarged scale and taken on the line 2 2 of Fig. 3. Fig. 3 is a sectional view taken on the line 3 3 of Fig. 2. Fig. 4 is a perspective view of the attaching-disk.

Referring to the drawings, A represents a curtain-rod in the form of a metal tube, one section thereof fitting within the other and provided on the ends with the hollow knobs or balls B, also made of metal. Each of these knobs is constructed of two sections C D, the edges of which are flanged and locked, as shown at E, the section C being provided with a hole or opening F to permit the entrance of the rod A. Within the knob is contained

a disk G, formed from steel or other spring metal, the edge of which is confined and locked between the flanged edges E of the sections C D. This disk is provided with the radial slots H, forming tapering spring-fingers I, which are curved outwardly and in the direction in which the rod A is passed into the knob and through said disk, as illustrated in Figs. 1, 2, and 4, these spring-fingers bearing upon said rod and having sufficient tension to securely hold the knob in position and at the same time allow it to be pulled or slipped off the end of the rod when desired. By reason of the fact that the opening F, formed in the section C, is of such a size as to nicely contain the rod A the knob is practically supported at two places—that is, at the opening F, where the rod enters, and where said spring-fingers I bear on and around the rod—this construction and arrangement effectively preventing any shake or movement of the knob upon the latter.

While I have described and illustrated my invention as applied to a tubular extension curtain-rod, it will be understood that it is equally well adapted for use in connection with wooden poles and other like fixtures wherein the knobs are to be removably held upon the ends thereof.

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

1. A ball or knob for attachment to curtain poles or rods, said knob consisting of two sections having their adjacent edges locked together, and a disk having its edge locked between the adjacent edges of said sections and provided with spring-fingers adapted to bear upon said rod and removably hold the knob thereon, substantially as described.

2. A hollow knob or ball consisting of two sections having their adjacent edges flanged and locked together, one of said sections being provided with an opening, and a disk formed of spring metal having its edge clamped between the flanged edges of said sections and provided with radial fingers bent

and shaped as described, in combination with
a curtain-pole, the end of which is adapted
to pass through the opening in said section
and between said radial fingers whereby the
5 knob may be attached to and detached from
said pole, substantially as described.
Signed at Waterville, in the county of New

Haven and State of Connecticut, this 2d day
of January, A. D. 1902.

JACOB ASSEL.

Witnesses:

JAMES E. CAVANAGH,
ADAM WENDEL.