No. 782,345. PATENTED FEB. 14, 1905.

E. KIRMSS.

CURTAIN POLE TIP.

APPLICATION FILED JULY 26, 1904.

Fig. 1.

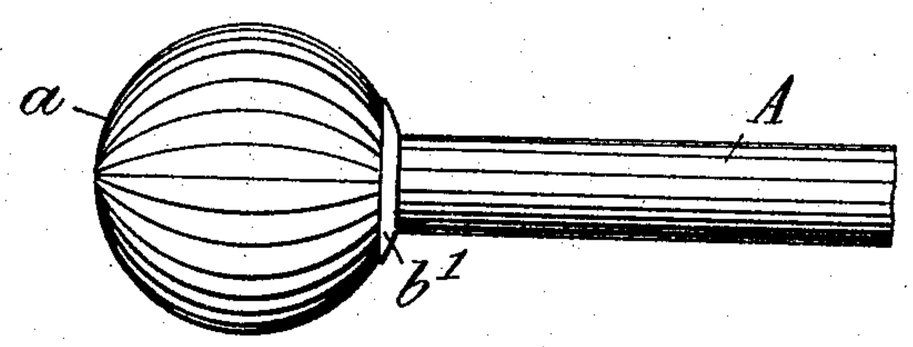


Fig. 2.

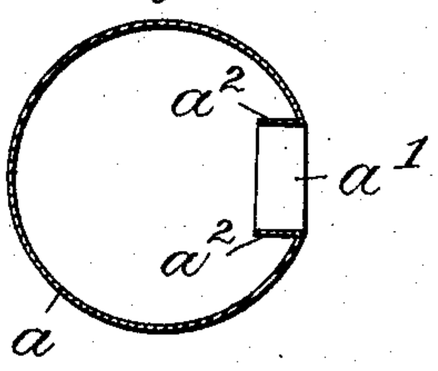


Fig. 3.

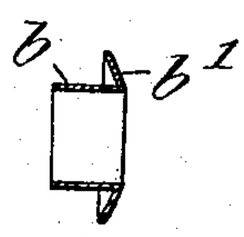
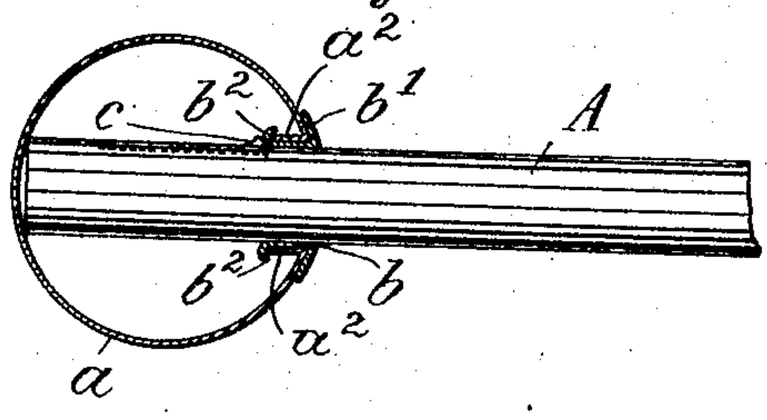


Fig. 4.



Witnesses:
Arthur Juuger.
William Schulz.

Inventor:
Edward Kirmss
by Church & Church Atty.

No. 782,345. Patented February 14, 1905.

UNITED STATES PATENT OFFICE.

EDWARD KIRMSS, OF NEW YORK, N. Y.

CURTAIN-POLE TIP.

SPECIFICATION forming part of Letters Patent No. 782,345, dated February 14, 1905.

Application filed July 26, 1904. Serial No. 218,209.

To all whom it may concern:

Be it known that I, EDWARD KIRMSS, a citizen of the United States, residing at New York city, (Manhattan,) county and State of New York, have invented new and useful Improvements in Curtain-Pole Tips, of which the following is a specification.

This invention relates to a curtain-pole tip which is not apt to tilt upon the pole and is provided with a reinforcing-bushing contained within the hollow of the tip and securely interlocked therewith.

In the accompanying drawings, Figure 1 is a side view of my improved curtain-pole tip, showing it mounted upon the end of the pole. Fig. 2 is a section through the shell, Fig. 3 a section through the bushing, and Fig. 4 a section through the complete tip, showing the pole in side view.

The letter *a* represents a shell which is of spherical or other form and has a perforation *a'*. Around this perforation the body of the shell is turned inward to form a flange a^2, that projects into the hollow of the shell. Within the flange a^2 is fitted a tubular reinforcing sleeve or bushing *b*. The outer end of this bushing is provided with a beveled ring or flange *b'*, which lies snugly against the body of shell *a* around perforation *a'*. The bushing *b* is slightly longer than the flange a^2 and projects beyond the same to form a free end. This free end is folded around the inner edge of the flange, as at b^2, so as to securely interlock the bushing with the flange. The curtain-pole A is introduced with its end into the bushing and is of a diameter to snugly fit the same. A spring-catch *c* on the pole bears against the end of sleeve *b* and prevents the withdrawal of the pole from the shell *a*.

It will be seen that in my improved tip the bearing for the pole—*i. e.*, the flange a^2 and bushing *b*—is contained within the hollow of the shell, that the beveled ring reinforces the holed edge of the shell, and that the bushing is folded bodily around the inner edge of the flange and is securely interlocked therewith.

What I claim is—

1. A curtain-pole tip composed of a perforated shell having an inwardly-extending flange, and of a tubular bushing inclosed within the flange and folded around the inner edge of the same, substantially as specified.

2. In a curtain-pole tip, a perforated shell having an inwardly-extending flange, combined with inclosed tubular bushing which is folded around the inner edge of the flange and has a flange that engages the body of the shell, substantially as specified.

Signed by me at New York city, (Manhattan,) New York, this 23d day of July, 1904.

EDWARD KIRMSS.

Witnesses:
WILLIAM SCHULZ,
FRANK V. BRIESEN.