

(No Model.)

L. A. BENNETT & W. J. FURLONG.  
CURTAIN RING.

No. 548,244.

Patented Oct. 22, 1895.

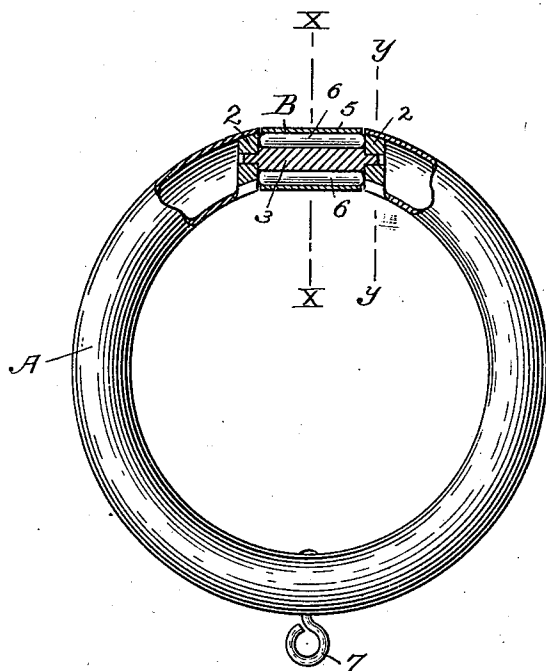


Fig. 1.

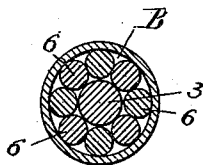


Fig. 2.

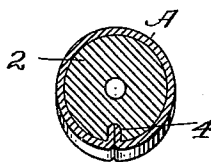


Fig. 3.

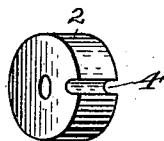


Fig. 4.

WITNESSES.

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# UNITED STATES PATENT OFFICE.

LESLIE A. BENNETT, OF MALDEN, AND WILLIAM J. FURLONG, OF  
DEDHAM, MASSACHUSETTS.

## CURTAIN-RING.

SPECIFICATION forming part of Letters Patent No. 548,244, dated October 22, 1895.

Application filed May 14, 1895. Serial No. 549,230. (No model.)

### *To all whom it may concern:*

Be it known that we, LESLIE A. BENNETT, of Malden, in the county of Middlesex, and WILLIAM J. FURLONG, of Dedham, in the county of Norfolk, State of Massachusetts, citizens of the United States, have invented certain new and useful Improvements in Curtain-Rings, of which the following is a specification.

Our invention relates to curtain-rings; and its object is to provide such a device which shall be efficient for its intended purpose and which may be produced at a minimum cost.

An embodiment of our invention is illustrated in the accompanying drawings, wherein—

Figure 1 is an elevation of our ring, the upper part thereof being shown in section. Figs. 2 and 3 are cross-sections taken, respectively, on the lines *xx* and *yy* in Fig. 1. Fig. 4 is a perspective view of the plug 2, hereinafter described.

Our ring is composed of two principal parts, the ring proper A and a roller B. The part A is composed of metal tubing. At the upper part of the ring the roller B is inserted between the opposing ends of the tubing, each of which is filled for a short distance with a metal plug 2, the axle 3 of the roller being secured by its ends in said plugs, as shown. The plugs 2 are secured firmly in place by grooving each plug on one of its edges, as shown at 4, and turning over the end portions of the tubing into the grooves, as illustrated in Fig. 3. The roller B may conven-

iently be composed of a short piece of tubing 5 of about the same diameter as the part A, arranged to turn on a rolling bearing consisting of a number of loose metal rods 6, located between the tubing 5 and the axle 3. By the construction just described we provide a roller which does not project to any material extent beyond the ring proper, is very easily and cheaply manufactured, and the parts of which are conveniently kept in place by the abutting plugs 2. An eye 7 is provided at the bottom of the ring for the attachment of the curtain.

We have represented our ring as provided with but one roller; but it is obvious that more rollers than one might be applied upon the same ring.

### We claim—

In a curtain-ring, in combination, a ring A, plugs in the ends of the said ring, an axle having its ends secured in the said plugs, a tubular roller surrounding the said axle, and a plurality of loose rods interposed between the axle and the roller, and held in place by the abutting ends of said plugs, all substantially as described.

In testimony whereof we have hereunto subscribed our names this 13th day of May, A. D. 1895.

LESLIE A. BENNETT.  
WILLIAM J. FURLONG.

### Witnesses:

EVERETT D. CHADWICK,  
ALEXANDER P. BROWNE.