

No. 820,257.

PATENTED MAY 8, 1906.

C. REMHOF.
CURTAIN POLE RING.
APPLICATION FILED FEB. 10, 1906.

Fig. 1.

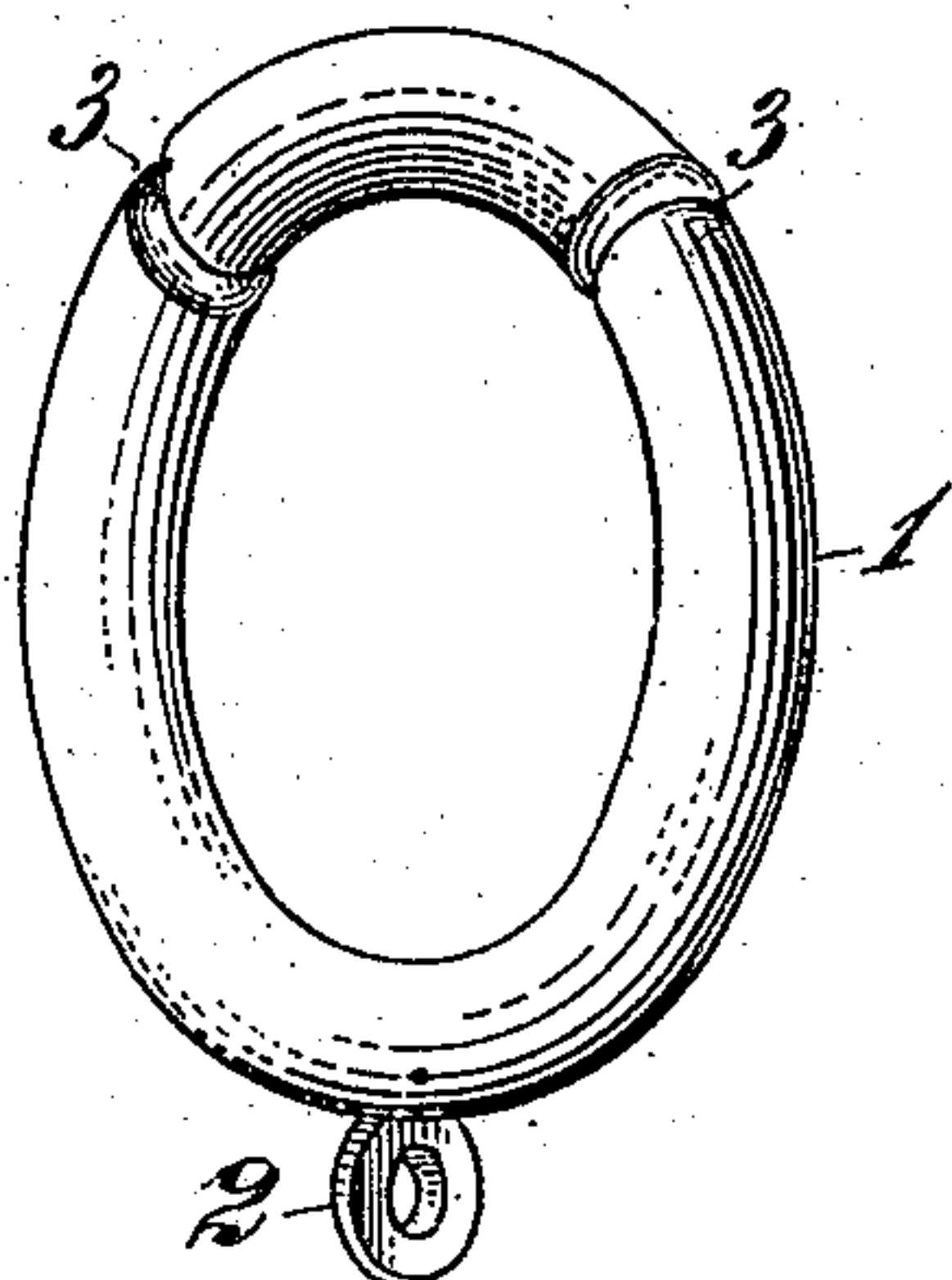


Fig. 2.

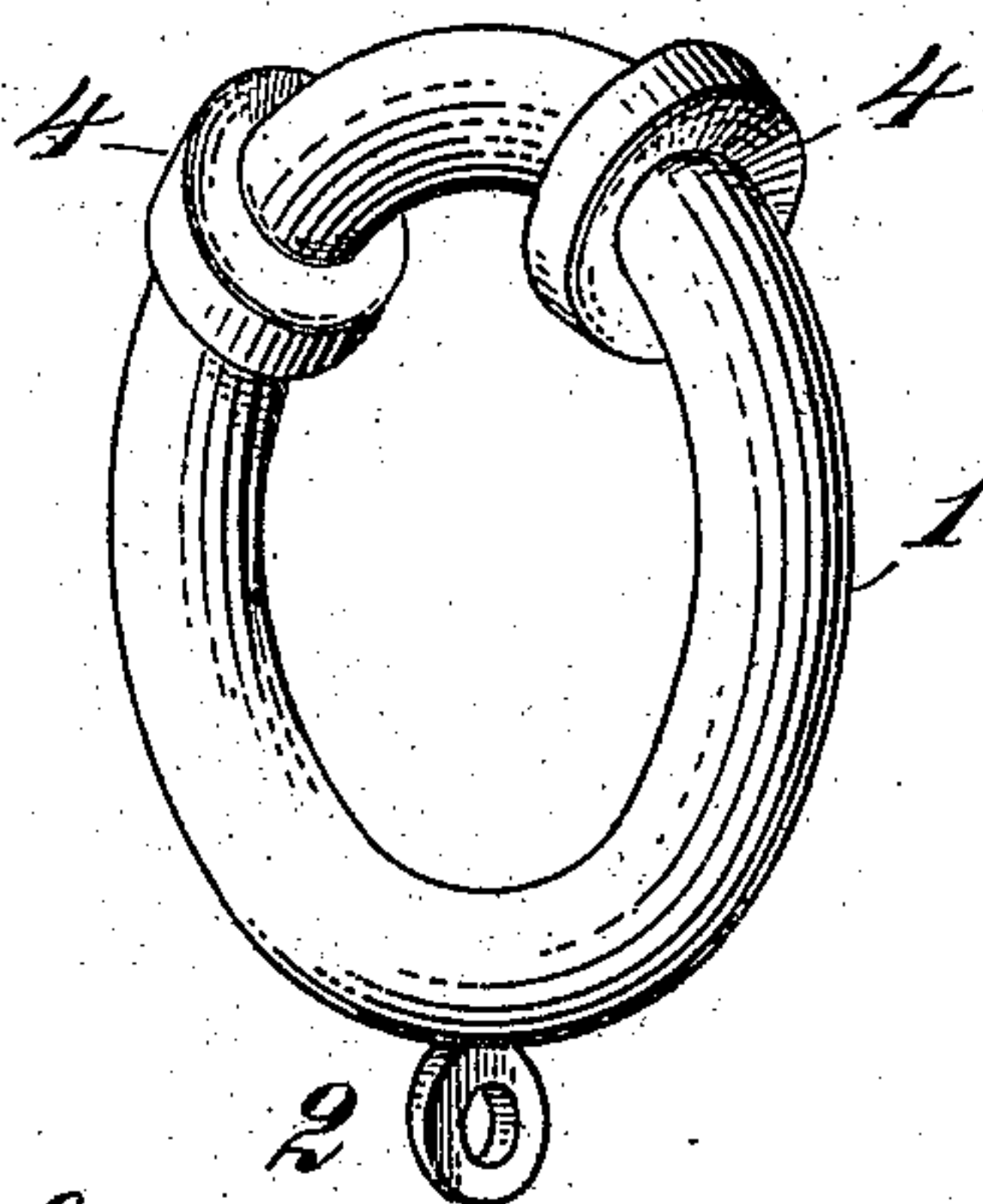


Fig. 3.

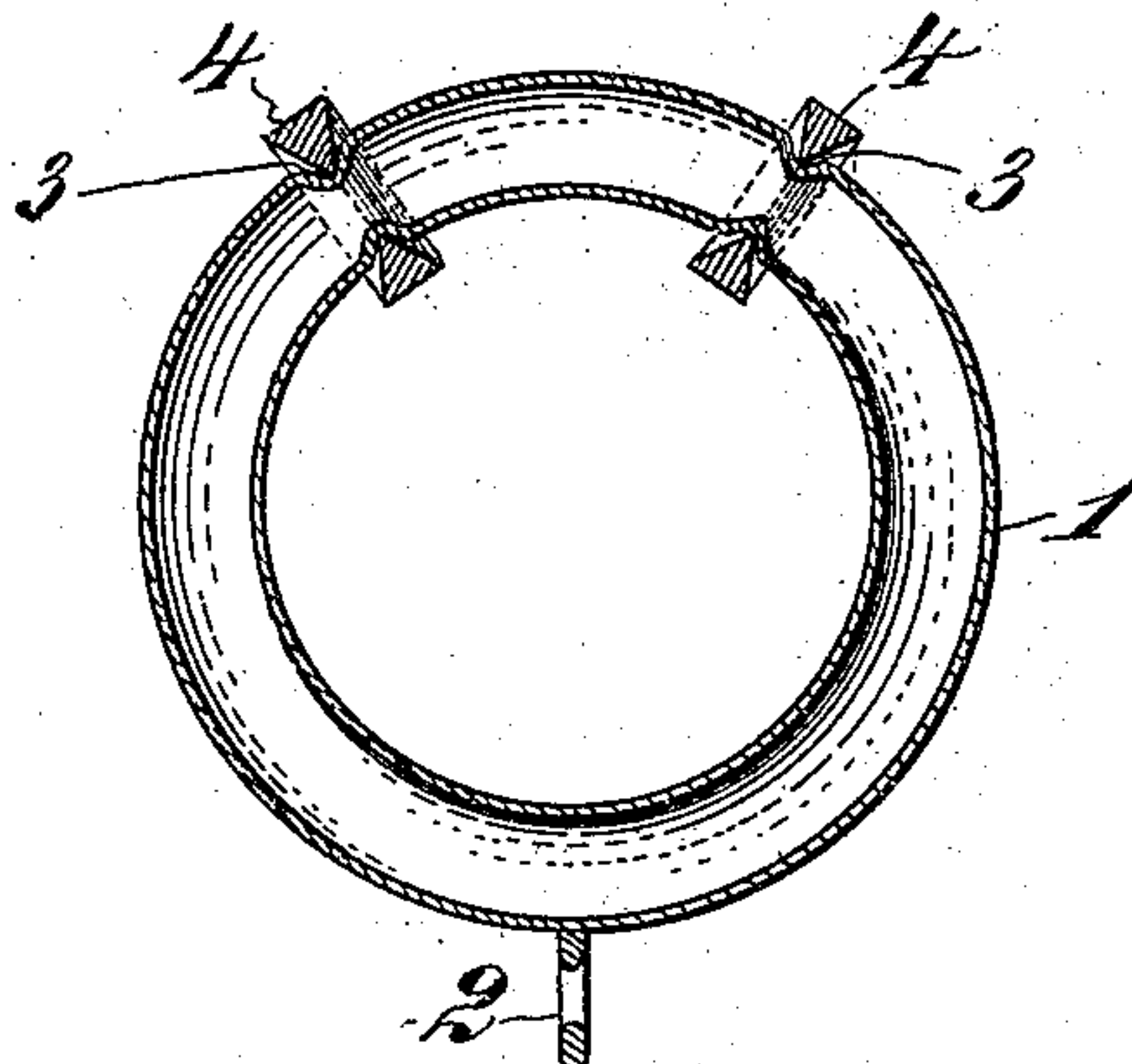


Fig. 4.

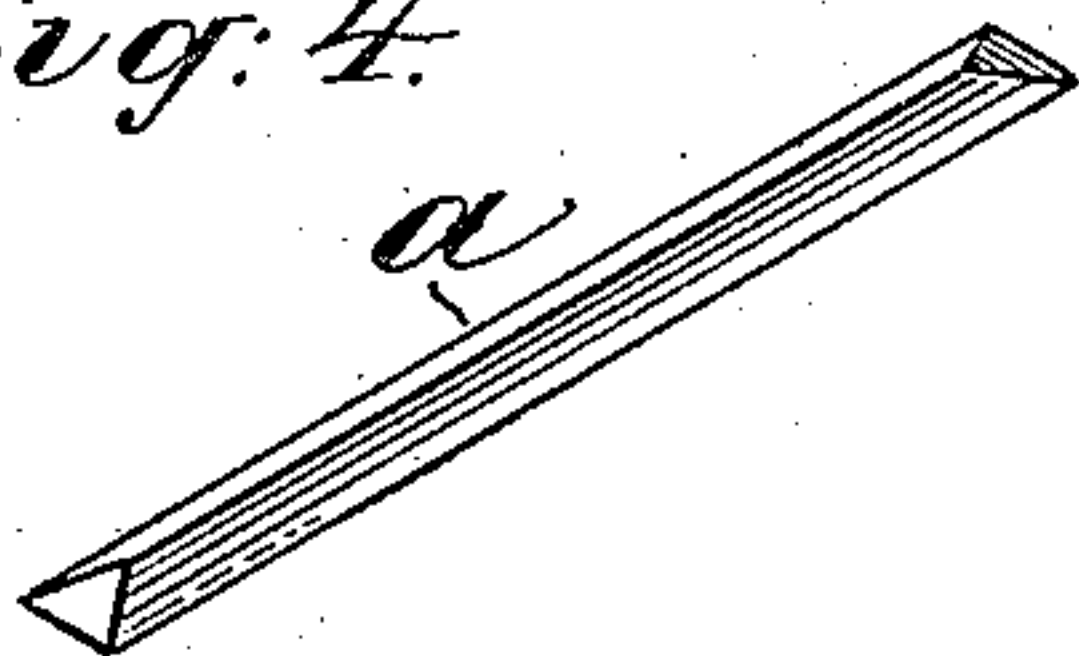


Fig. 5.

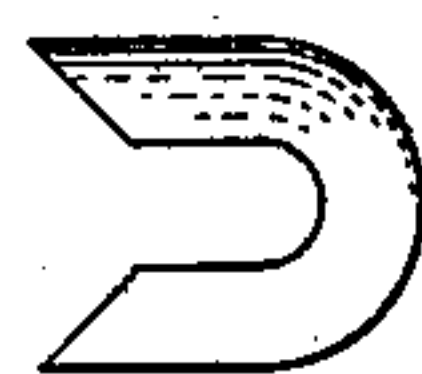


Fig. 6.

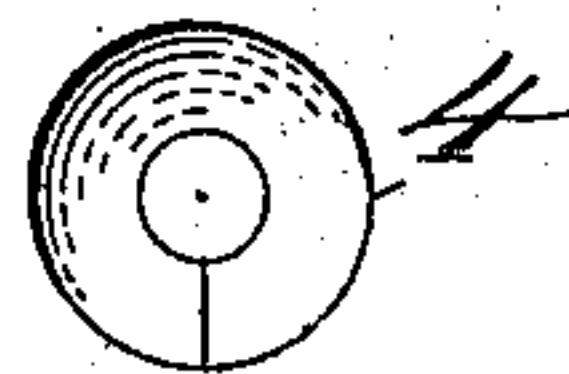


Fig. 7.



Witnesses
J. M. Aliman
A. J. [Signature]

Charles Remhof
Inventor
By his Attorney Perry [Signature]

UNITED STATES PATENT OFFICE.

CHARLES REMHOF, OF NEW YORK, N. Y.

CURTAIN-POLE RING.

No. 820,257.

Specification of Letters Patent.

Patented May 8, 1906.

Application filed February 10, 1906. Serial No. 300,485.

To all whom it may concern:

Be it known that I, CHARLES REMHOF, a citizen of the United States, residing in the borough of Brooklyn, in the county of Kings, in the city and State of New York, have invented certain new and useful Improvements in Curtain-Pole Rings, of which the following is a specification.

This invention relates to metal rings which roll or slide along a curtain-pole and sustain the curtain; and the purpose of the invention is to provide such a ring with circumferential indented ways or tracks to receive and retain rollers which roll along the pole when the ring is shifted therealong, the rollers turning about the ring.

In the accompanying drawings, which illustrate an embodiment of the invention, Figure 1 is a perspective view of a curtain-pole ring provided with the indented circumferential ways or journals for the rollers; and Fig. 2 is a similar view, but showing the two rollers in place on the ring. Fig. 3 is a sectional view of the ring and the rollers thereon. Figs. 4, 5, and 6 are views illustrating the manner of forming the rollers; and Fig. 7 shows cross-sections that the material or bars may have of which the rollers are formed.

1 designates the pole-ring, which is usually made tubular or hollow, of sheet metal, circular in cross-section, and provided with a suspending-ring 2.

In carrying out the present invention two circumferential indentations are made in the ring to form keeper-journals 3 for the rollers 4. These indented journals are formed by dies and are disposed at a little distance apart, so that the respective rollers may bear on the cylindrical pole at a little distance from the crown and at either side thereof.

The ring-like rollers 4 are constructed or formed in place on the pole-ring 1, as will be explained with reference to Figs. 4, 5, and 6—that is to say, from a bar of metal having a triangular cross-section is cut a blank *a*, Fig. 4, of the proper length and its ends beveled or mitered. This blank *a* is then bent by dies to the U-shaped form seen in Fig. 5 and this U-shaped blank then placed on the pole-ring, so that it will engage an indentation 3 therein. By means of dies this U-shaped piece is then closed into the ring-like form seen in Fig. 6 about the pole-ring. The blank *a* is of such length that when it is bent into ring form it will not fit tightly on the journal

formed on the pole-ring, but will turn freely about the same, the recessing of the journal or way serving to prevent the roller from shifting laterally on the ring.

The triangular solid bar seen in Figs. 3 and 4 is preferred as material for the rollers; but other forms more or less triangular in cross-section may be employed. Some of these forms are seen in Fig. 7. The purpose of the triangular or like section of the blank is to provide a thin or V edge to engage the circumferential groove, indentation, or recess 3.

The advantages of the construction described are simplicity, efficiency, and cheapness.

Having thus described my invention, I claim—

1. As an improved article of manufacture, a curtain-pole ring having in it a circumferentially-indented V-shaped keeper-journal, and a roller rotatively mounted on said journal, said roller being formed of a single piece of metal of angular cross-section bent into a ring-like form, the inner V-shaped angle of said piece engaging the said V-shaped journal.

2. As an improved article of manufacture, a hollow curtain-pole ring of thin metal having in it two circumferential indentations forming recessed keeper-journals, and provided with rollers rotatively mounted on the respective journals, said rollers being made each from a single piece of metal of substantially triangular cross-section bent to an annular form about the ring with one of the angles thereof so disposed as to engage the indentation in the pole-ring which forms said journal.

3. The herein-described method of providing a hollow curtain-pole ring of thin metal with a roller to roll on the pole, which consists in first forming in said ring a circumferential indentation, and then bending about said ring at said indentation a bar of metal to form a roller, the said bar having a triangular cross-section, the thin edge of which is made to engage the indentation.

In witness whereof I have hereunto signed my name, this 9th day of February, 1906, in the presence of two subscribing witnesses.

CHARLES REMHOF.

Witnesses:

HENRY CONNETT,
H. G. HOSE.