

F. BARTHOLOMAE.
CURTAIN POLE RING.
APPLICATION FILED MAY 1, 1908.

922,241.

Patented May 18, 1909.

Fig. 1.

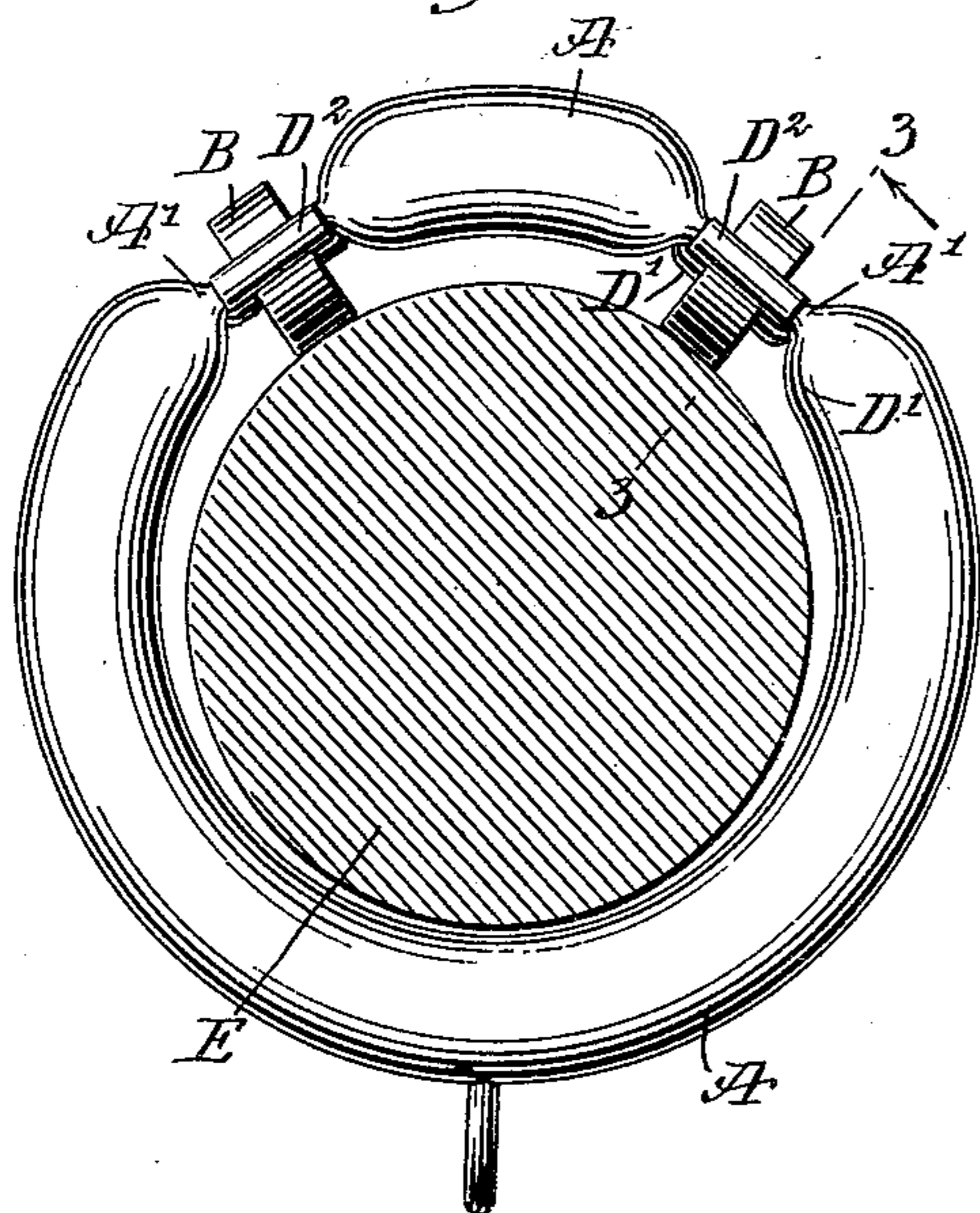


Fig. 2.

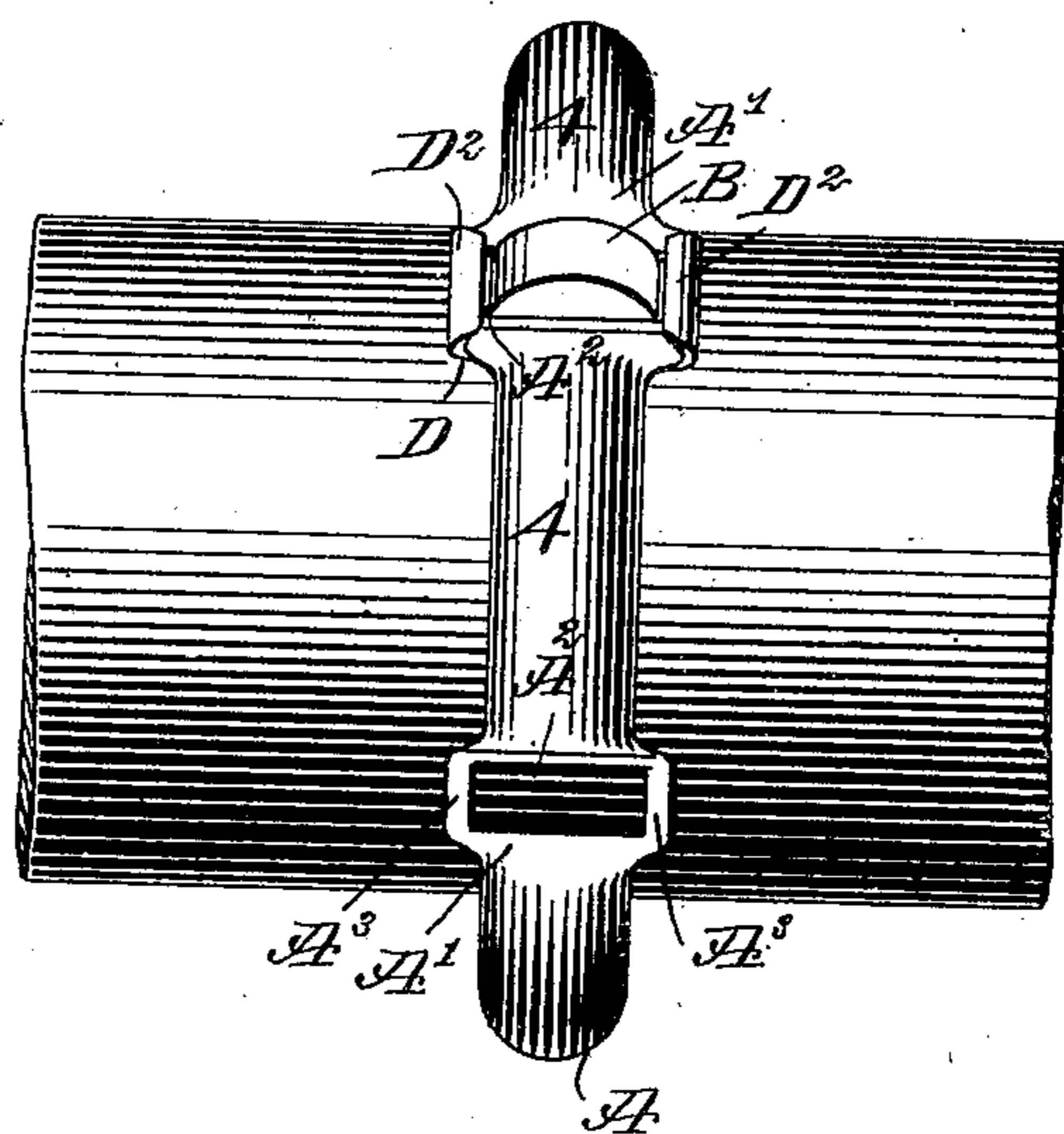


Fig. 3.

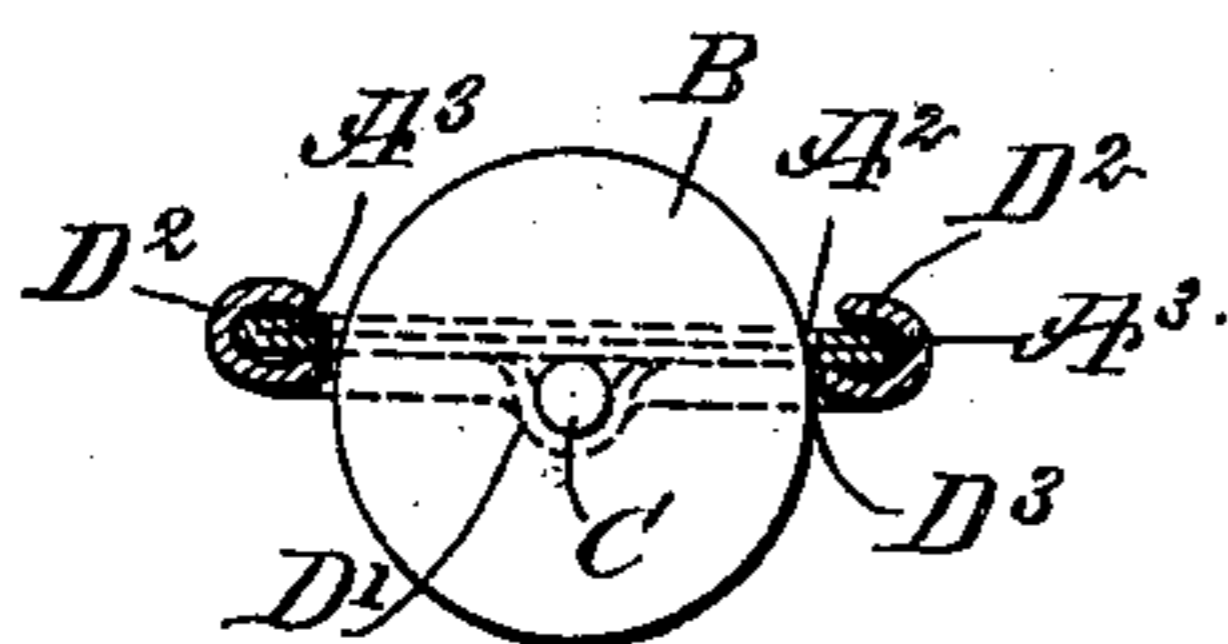


Fig. 4.

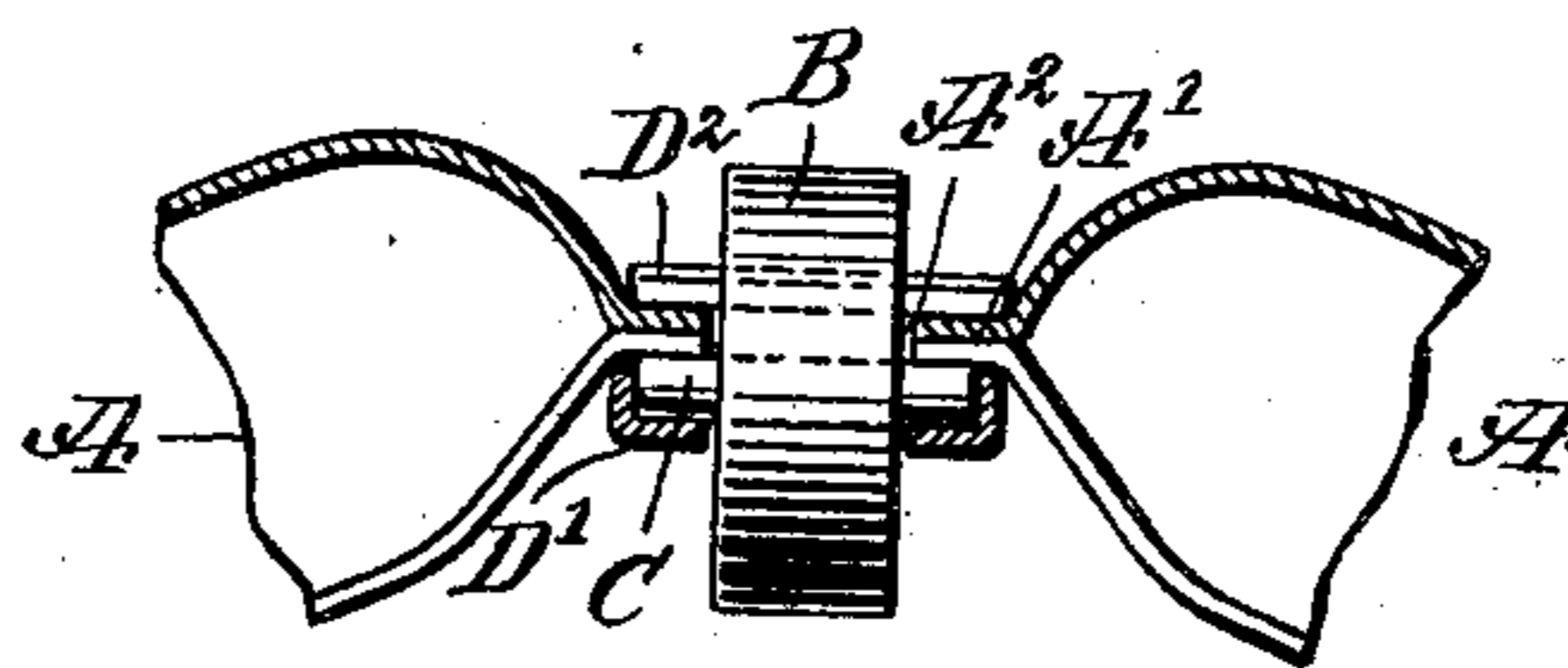
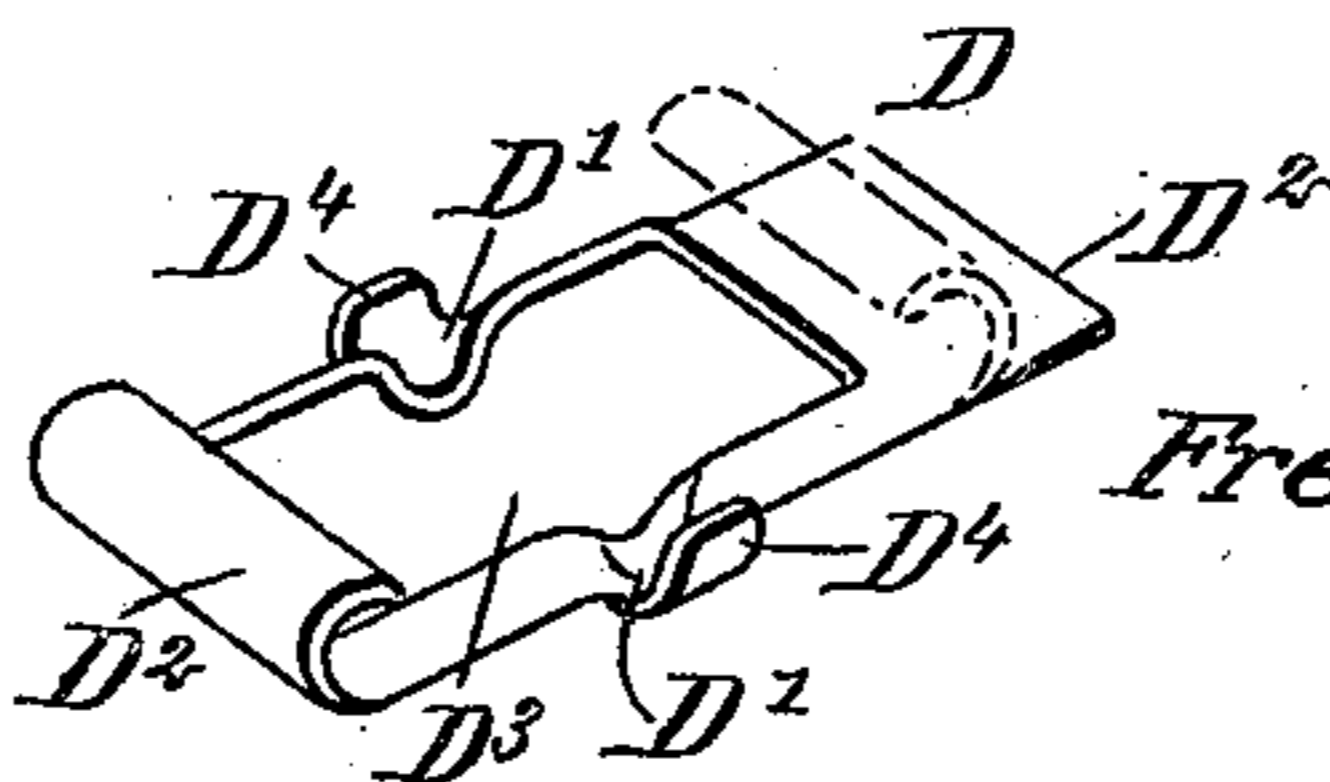


Fig. 5.



WITNESSES

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UNITED STATES PATENT OFFICE.

FREDRICH BARTHOLOMAE, OF NEW YORK, N. Y., ASSIGNOR TO THE JOHN KRODER & HENRY REUBEL CO., OF NEW YORK, N. Y.

CURTAIN-POLE RING.

No. 922,241.

Specification of Letters Patent.

Patented May 18, 1909.

Application filed May 1, 1908. Serial No. 430,323.

To all whom it may concern:

Be it known that I, FREDRICH BARTHOLOMAE, a citizen of the United States, and a resident of the city of New York, borough of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Curtain-Pole Ring, of which the following is a full, clear, and exact description.

The invention relates to curtain pole rings such as shown and described in Letters Patent of the United States, No. 876,199, granted to John Kroder January 7, 1908.

The object of the present invention is to provide a new and improved curtain pole ring, having anti-friction rollers carried in bearings attached to flattened portions of a tubular ring in a very simple and efficient manner, thus permitting convenient and quick assembling of the parts without requiring the employment of highly skilled labor.

The invention consists of novel features and parts and combinations of the same, which will be more fully described hereinafter and then pointed out in the claims.

A practical embodiment of the invention is represented in the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a face view of the curtain ring in position on the curtain pole, the latter appearing in cross-section; Fig. 2 is a plan view of the same one of the rollers being removed; Fig. 3 is a transverse section of the same on the line 3—3 of Fig. 1; Fig. 4 is an enlarged longitudinal section of the same on the line 4—4 of Fig. 2; and Fig. 5 is a perspective view of the frame carrying the friction roller.

The hollow or tubular ring A is reduced on opposite sides of the top of the ring by flattening corresponding portions A', each flattened portion A' being provided with a slot A² for the reception of an anti-friction roller B having a shaft or spindle C engaging bearings D' formed in a frame D extending transversely on the under side of a flattened portion A' and having its ends D² bent upwardly and inwardly onto the ends A³ of the flattened portion A'. The frame D is provided with an opening D³ registering with the opening A² in the flattened portion A' of the ring A, so that the anti-friction roller B

is free to turn and travel on the curtain pole E, as indicated in Figs. 1 and 2.

The frame D is provided at the bearings D' with upwardly extending lugs D⁴ engaging the ends of the shaft or spindle C, so as to hold the same against movement in the direction of the axis of the shaft or spindle C.

Now by the arrangement described the several parts can be cheaply manufactured and readily assembled, it being only necessary to place the anti-friction roller B with its shaft or spindle C in position in the frame D, and then to engage the frame D with the under side of the flattened portion A' and to bend the ends D² upwardly and inwardly over the ends A³ of the flattened portion A'.

A curtain pole ring constructed as shown and described can be cheaply manufactured, and the various parts readily assembled to render the ring exceedingly strong and durable.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. A curtain pole ring, comprising a ring having a flattened portion provided with a slot, an anti-friction roller extending into the said slot, and a frame attached to the flattened portion and in which the said anti-friction roller is journaled.

2. A curtain pole ring, comprising a ring having a flattened portion provided with a slot, an anti-friction roller extending into the said slot, a frame having bearings for the shaft of the said anti-friction roller to turn in, and means carried by the frame for attaching it to the said flattened portion.

3. A curtain pole ring, comprising a ring having a flattened portion provided with a slot, an anti-friction roller extending into the said slot, and a frame having bearings for the shaft of the said anti-friction roller to turn in, the ends of the said frame being bent onto the ends of the said flattened portion.

4. A curtain pole ring provided with a roller frame having an opening for the passage of the roller, and bearings at the sides for the roller shaft, the frame having integral means at its ends for attachment to the pole ring.

5. A curtain pole ring, comprising a ring having a slot therein, a frame extending

transversely of the ring, said frame being provided with an opening registering with the slot of the ring and having its ends bent upon the ring, and a roller mounted in the
5 opening of the frame and extending into the slot of the ring.

In testimony whereof I have signed my

name to this specification in the presence of two subscribing witnesses.

FREDRICH BARTHOLOMAE.

Witnesses:

GEORGE KRODER,
JAS. P. CLARK.