

No. 699,507.

Patented May 6, 1902.

G. ERICH.  
CURTAIN POLE RING.

(Application filed Nov. 11, 1901.)

(No Model.)

Fig: 1.

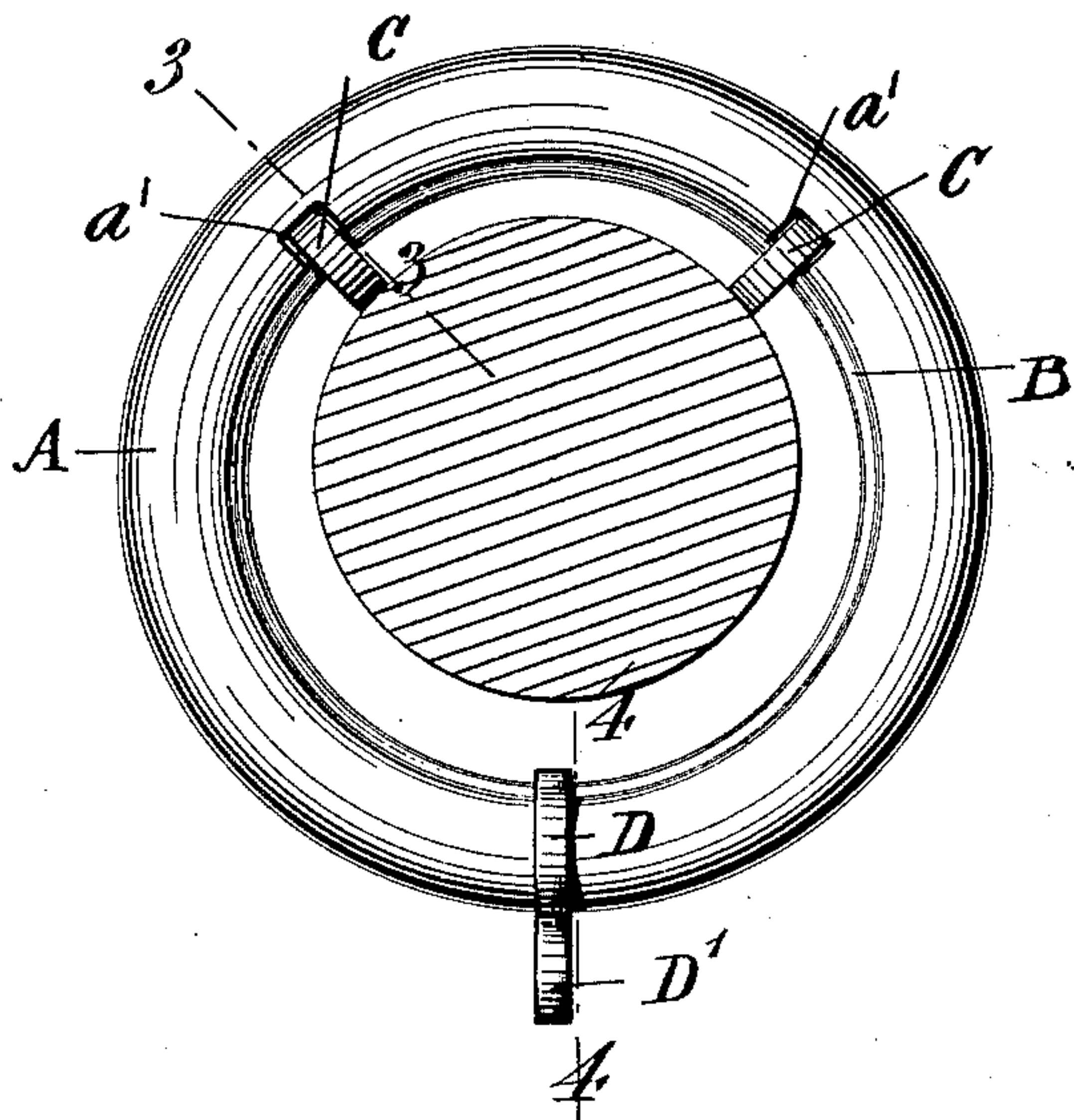


Fig: 2.

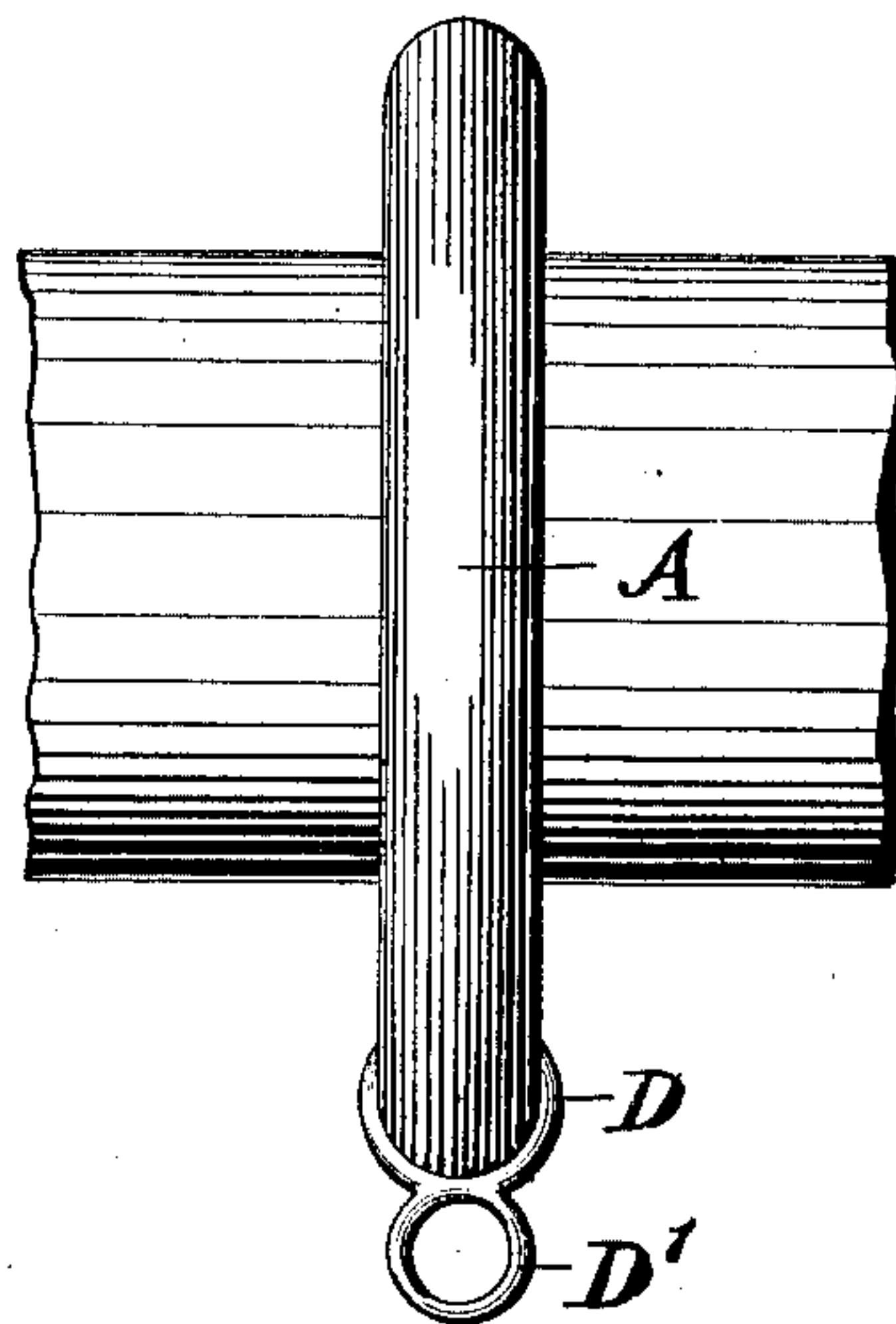


Fig: 3.

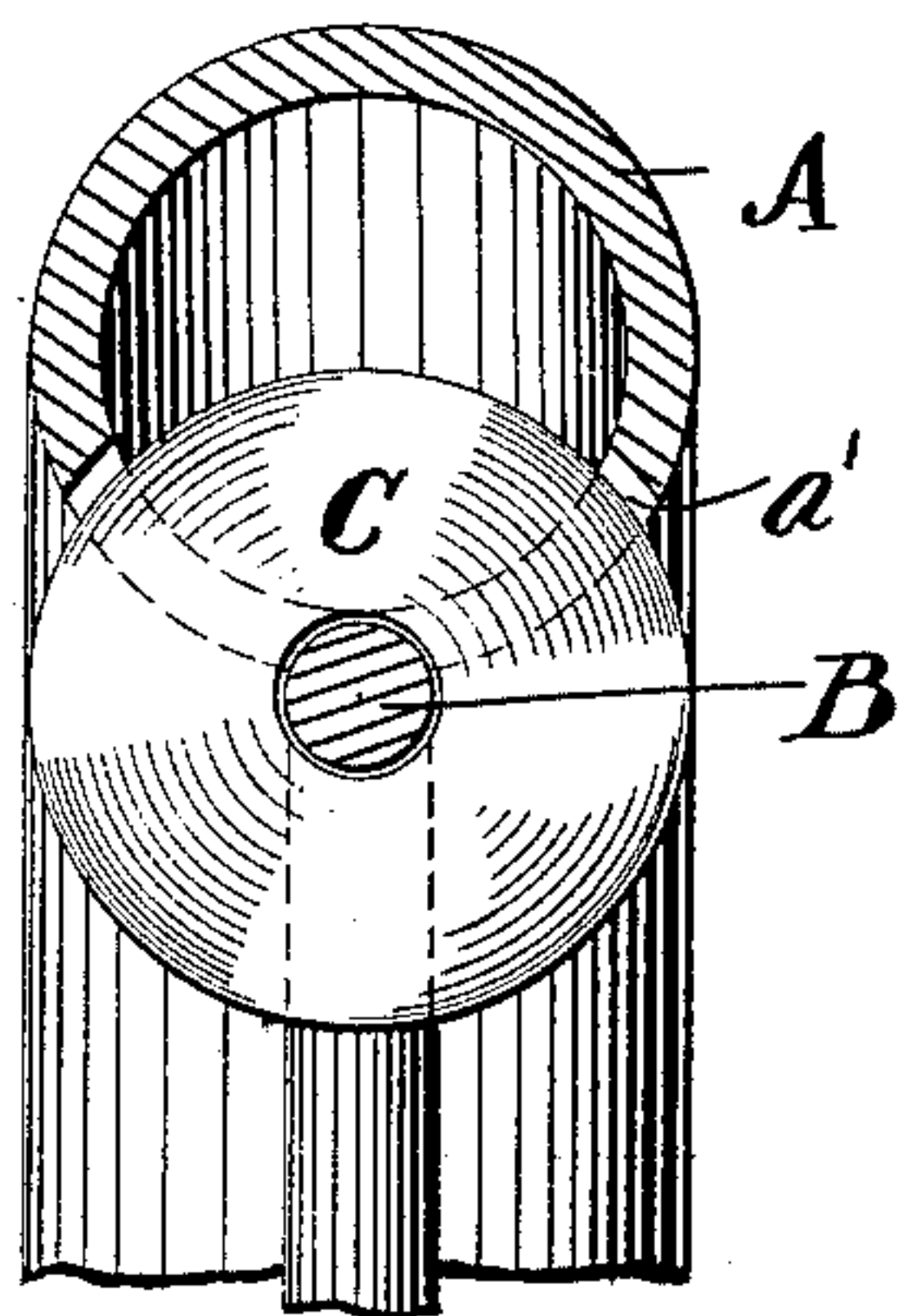
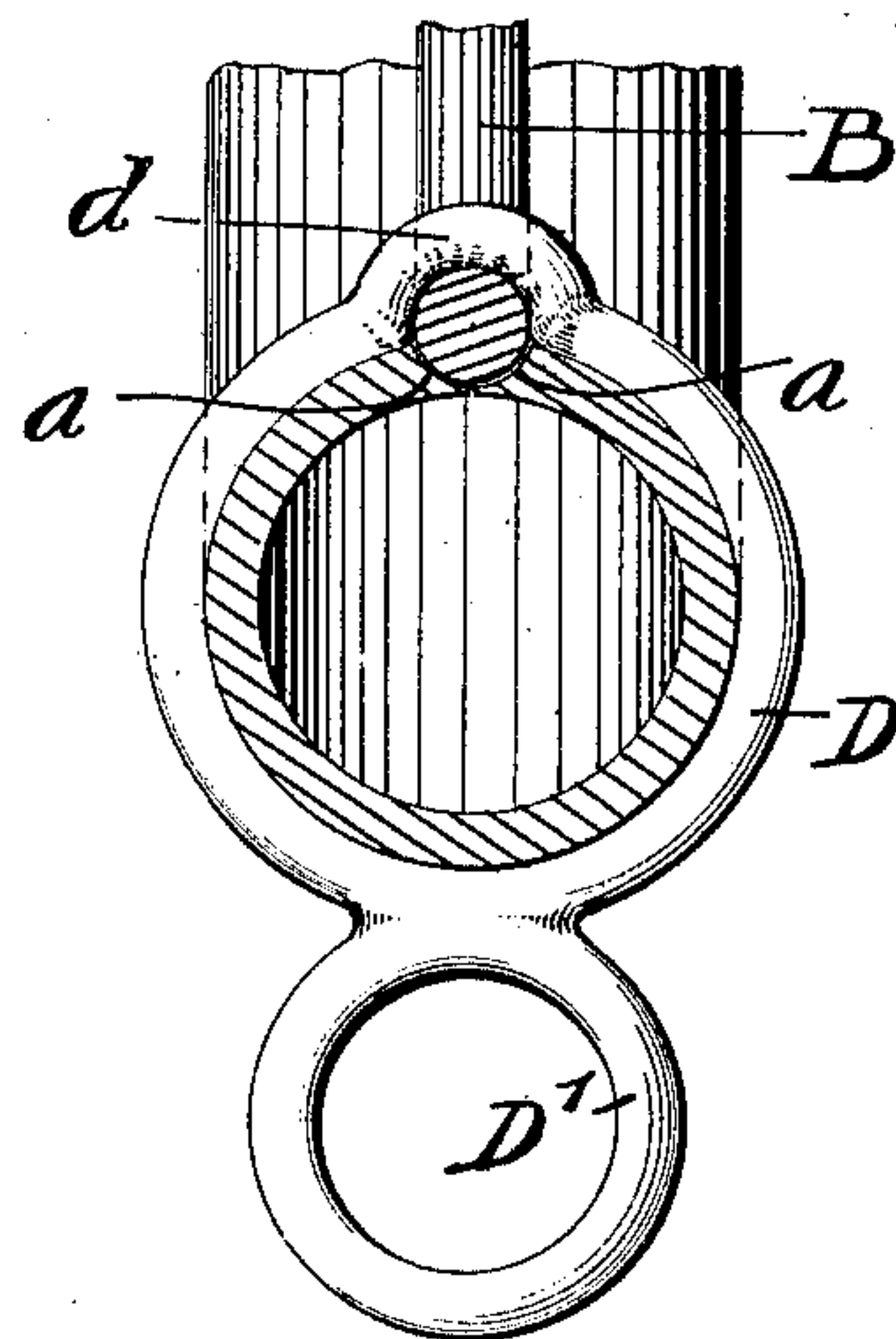


Fig: 4.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

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## CURTAIN-POLE RING.

SPECIFICATION forming part of Letters Patent No. 699,507, dated May 6, 1902.

Application filed November 11, 1901. Serial No. 81,876. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE ERICH, residing in New York, borough of Brooklyn, and State of New York, have invented certain  
5 new and useful Improvements in Curtain-Pole Rings, of which the following is a specification.

This invention relates to an improved curtain-pole ring of that class which is provided  
10 with a plurality of antifriction-rollers at its upper part, so as to permit the movement of the ring over the pole with as little friction as possible when it is desired to close or open the curtain suspended from the same; and  
15 the invention consists of a curtain-pole ring comprising an exterior ring which is provided at its inner circumference with a recess or seat for inserting the wire ring on which antifriction-rollers are fixed, said rollers projecting  
20 into the recess in the inner circumference of the exterior ring, while the ends of the exterior ring and wire ring are retained by means of a suitable keeper, which is made integral with the suspension-eye to which the  
25 curtain-pin is attached, all of which will be fully described hereinafter and finally pointed out in the claim.

In the accompanying drawings, Figure 1 represents a side elevation of my improved  
30 curtain-pole ring, showing the same in position on a curtain-pole. Fig. 2 is a side elevation of Fig. 1; and Figs. 3 and 4 are vertical transverse sections, drawn on a larger scale, respectively, on lines 3 3 and 4 4, Fig. 1.  
35 Similar letters of reference indicate corresponding parts.

Referring to the drawings, A represents the exterior ring of a curtain-pole, which may be formed of metal, wood, or other suitable  
40 material. The inner circumference of the ring A is provided with a recess  $a$ , which is formed in the meeting edges of the ring when the same is made of metal, as shown in Fig. 4, or which is recessed when the same is  
45 made of wood and in either case is made semicircular, or nearly so, for forming a seat of the wire ring B, which is sprung into the seat and retained in the same, so that the meeting edges of the metal ring are concealed  
50 thereby. Before placing the wire ring B in position in the seat  $a$  two or more centrally-perforated antifriction-rollers C are placed on the same and so shifted on the wire ring

that they project into the radial recesses  $a'$ , which are arranged symmetrically to the vertical center plane of the curtain-pole ring, as  
55 shown clearly in Fig. 1. The rollers C are preferably made of brass or other disks that are cut off from a solid rod, said disks being then centrally perforated, so as to be placed  
60 on the wire ring B. The lower ends of the wire ring B and the exterior ring A are joined by a metallic keeper D, of circular shape, which has a small bend  $d$  at its upper end, so as to fit over the wire ring B, as shown in  
65 Fig. 4, while the lower end is provided with an eye D', to which the curtain-pin is applied when suspending the curtain from the holes. The keeper D is preferably soldered  
70 on the meeting ends of the exterior ring and the wire ring B, so as to hold the parts together and prevent any shifting of the keeper from its position at the lower part of the curtain-pole ring.

The advantages of my improved curtain-pole ring are, first, that it can be manufactured at a lower price than the rings heretofore used, for the reason that the parts composing the ring require but little labor for making them; second, that the assembling  
80 of the parts is quickly accomplished and with great facility; third, that the ring is of a very neat appearance and moves freely over the pole, owing to the radial position of the rollers in the upper part of the curtain-pole ring.  
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Having thus described my invention, I claim as new and desire to secure by Letters Patent—

A curtain-pole ring consisting of an exterior ring provided with a concaved recess  
90 at its interior circumference and radial recesses at its inner upper portion, a wire ring sprung into the recess formed at the inner circumference of the exterior ring, antifriction-rollers placed in the radial recesses, and  
95 a keeper extending over the ends of the wire ring and exterior ring, and provided with an eye at its lower end, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

GEORGE ERICH.

Witnesses:

PAUL GOEPEL,  
C. BRADWAY.