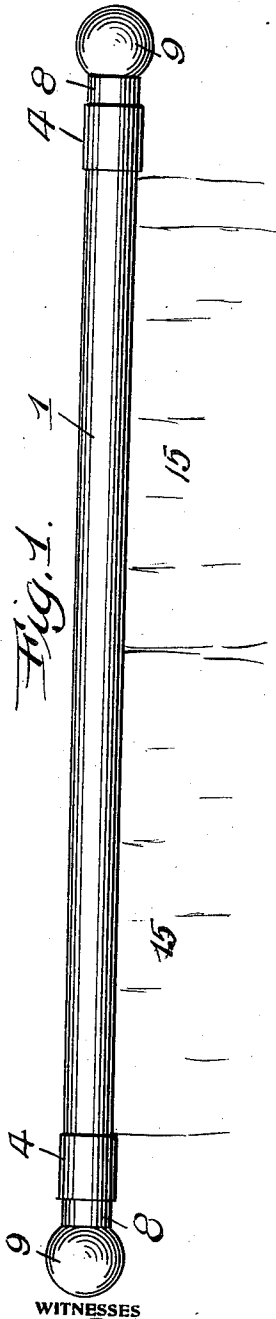


J. D. GRAY.
CURTAIN FIXTURE.
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1,030,997.

Patented July 2, 1912.



WITNESSES

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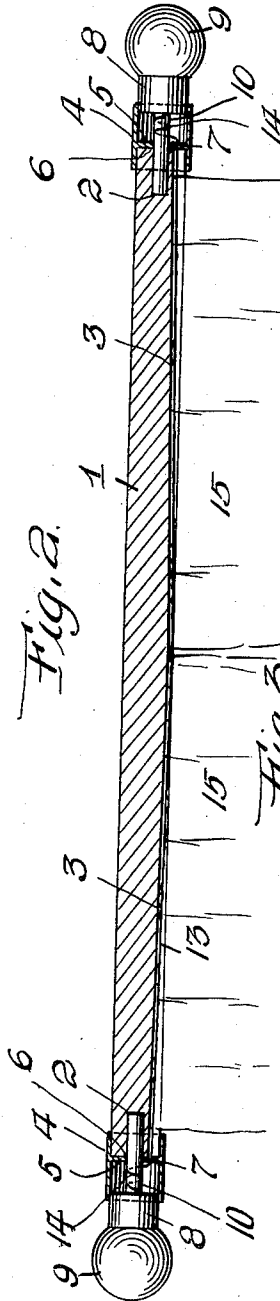


Fig. 4.

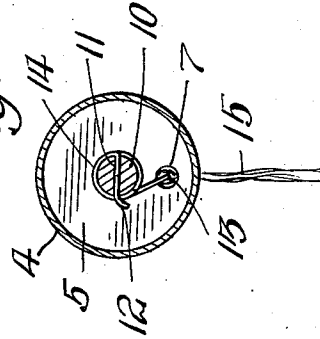
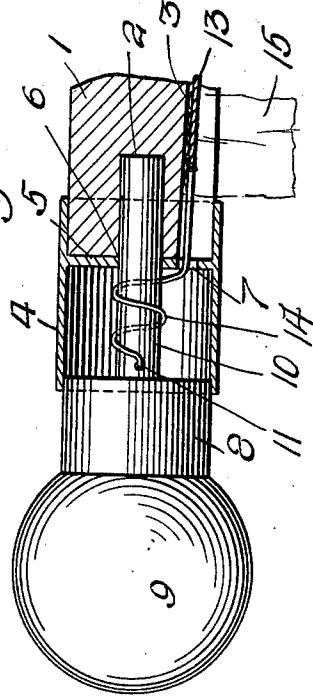


Fig. 3.



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CURTAIN-FIXTURE.

1,030,997.

Specification of Letters Patent.

Patented July 2, 1912.

Application filed March 13, 1912. Serial No. 683,584.

To all whom it may concern:

Be it known that I, JAMES D. GRAY, a citizen of the United States of America, residing at Blairsville, in the county of Indiana and State of Pennsylvania, have invented certain new and useful Improvements in Curtain-Fixtures, of which the following is a specification, reference being had therein to the accompanying drawing.

10 This invention relates to curtain poles, and the primary object of my invention is to provide a curtain pole with an invisible fastening means for the upper ends of curtains or draperies, whereby the pole will present a neat and attractive appearance in connection with suitable supports, as a window, door or alcove frame.

20 Another object of this invention is the provision of simple and effective means for attaching the upper ends of curtains to a pole, without resorting to the use of rings, pins or similar fastening means that are liable to injure curtains or draperies.

25 A further object of this invention is to accomplish the above results by a mechanical construction that is inexpensive to manufacture, durable and highly efficient for the purposes for which it is intended.

30 With the above and other objects in view, the invention resides in the novel construction, combination and arrangement of parts, to be hereinafter specifically described and then claimed.

35 Reference will now be had to the drawing wherein:

40 Figure 1 is a top elevation of a curtain pole in accordance with this invention. Fig. 2 is a longitudinal sectional view of the same. Fig. 3 is a large longitudinal sectional view of one end of the pole, and Fig. 4 is a cross-sectional view of the same.

45 A curtain pole in accordance with this invention comprises the cylindrical rod 1 having the ends thereof provided with longitudinal sockets 2. Rod 1 can be made of wood or metal and one side of the rod, to be hereinafter termed the bottom side, is provided with tapering longitudinal grooves 3, said grooves converging to a point intermediate
50 the ends of said rod, as best shown in Fig. 2. The outer ends of the groove 3 are of a greater depth than the inner ends, conse-

quently the bottom of said grooves present a bridge.

Detachably mounted upon the ends of the rod 1 are sleeves 4 having partitions 5 intermediate the ends thereof, said partitions engaging the ends of the rod 1 and limiting the movement of the sleeves 4 upon the ends of said rod. The partitions 5 have central openings 6 registering with the sockets 2 of the rod 1, and small openings 7 registering with the large ends of the grooves 3.

Detachably mounted in the sleeves 4 are the cylindrical portions 8 of caps or ornamentations 9. The cylindrical portions 8 are provided with cylindrical stems 10 that extend through the openings 6 of the partitions 5 and into the sockets 2 of the rod 1. The stems 10 have transverse openings 11 and arranged in said openings are the ends 12 of the wire 13 that is wound around the stems 10, as at 14. The wire 13 extends through the openings 7 of partitions 5 and longitudinally of the grooves 3.

Before placing the stems 10 in the openings 6 of the sleeves 4 and the sleeves 4 upon the ends of the rod 1, the ends 12 of the wire 13 are passed through the openings 7 and threaded into the transverse openings 11 of the stems 10. The sleeves 4 are then placed upon the ends of the rod and the cylindrical portions 8 of the caps or ornamentations 9 placed in the ends of the sleeves 4. The wire 13 is then loosely held at the bottom side of the rod 1 and the upper ends or edges of curtains 15 can be easily placed over the wire 13. By then rotating the caps or ornamentations 9 the stems 10 thereof are revolved within the sockets 2 of the rod 1 and the ends of the wire 13 wound upon the stems 10, thereby drawing the wire 13 taut within the grooves 3, and as the bottoms of said grooves form a bridge, the wire 13 is firmly bound within the grooves and the upper ends or edges of the curtains firmly held. Prior to drawing the wire 13 taut, the upper ends of the curtains can be suitably arranged and draped, whereby the pole will present a neat appearance in connection with the curtains.

It is thought the utility of my invention will be apparent without further description, and while in the drawing there is illus-

trated a preferred embodiment of the invention, it is to be understood that the structural elements are susceptible to such variations as fall within the scope of the appended claims.

What I claim is:

1. A curtain pole comprising a rod having the ends thereof provided with longitudinal sockets and the bottom side of said rod with converging grooves that form a bridge, sleeves detachably mounted upon the ends of said rod, caps rotatably mounted in the ends of said sleeves, stems carried by said caps and extending longitudinally of said sleeves into the sockets of said rod, and a wire arranged longitudinally of the grooves of said rod and having the ends thereof extending into said sleeve and wound upon said stem.
2. A curtain pole comprising a rod having the ends thereof provided with sockets and the bottom side thereof with a longitudinal groove, sleeves detachably mounted upon the ends of said rod and having partitions engaging the ends of said rod, caps rotatably mounted in the ends of said sleeves, stems carried by said caps and extending through the partitions of said sleeves into the sockets of said rod, and a wire ar-

30 ranged longitudinally of the grooves of said rod and having the ends thereof fastened to said stems and adapted to be wound thereon whereby said wire can be drawn taut in the grooves of said rod.

3. A curtain pole comprising a rod having the ends thereof provided with sockets and the bottom side thereof with a longitudinal groove, sleeves detachably mounted upon the ends of said rod, partitions arranged in said sleeves and bearing against the ends of said rod, said partitions having openings formed therein with one of said openings of each sleeve registering with the sockets of said rod, caps rotatably mounted in the ends of said sleeves, stems carried by said caps and extending through said partitions into the sockets of said rod, and a wire arranged longitudinally of the groove of said rod and having the ends thereof extending into said sleeves and wound upon said stems.

In testimony whereof I affix my signature in the presence of two witnesses.

JAMES D. GRAY.

Witnesses:

MAX SROLOVITZ,
J. P. APPLEMAN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."