

(No Model.)

G. SMITH.
CURTAIN SUPPORTER AND FITTINGS.

No. 473,131.

Patented Apr. 19, 1892.

Fig. 1.

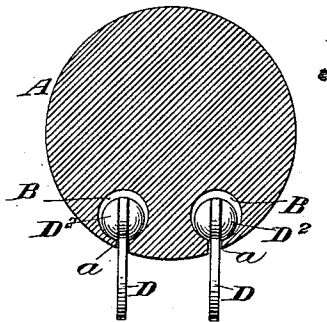
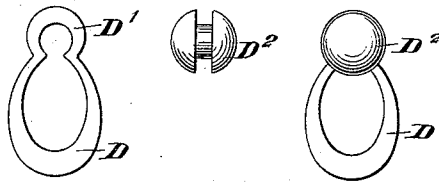


Fig. 3. Fig. 4. Fig. 2.



Witnesses:-

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UNITED STATES PATENT OFFICE.

GEORGE SMITH, OF LONDON, ENGLAND.

CURTAIN SUPPORTER AND FITTINGS.

SPECIFICATION forming part of Letters Patent No. 473,131, dated April 19, 1892.

Application filed October 7, 1890. Serial No. 367,348. (No model.) Patented in England January 24, 1889, No. 1,339; in France February 7, 1890, No. 203,656; in Austria-Hungary May 18, 1890, No. 7,809, and in Canada July 10, 1890, No. 34,678.

To all whom it may concern:

Be it known that I, GEORGE SMITH, of 35 Halton Road, Canonbury, London, in the county of Middlesex, England, have invented certain new and useful Improvements in Curtain Supporters and Fittings, (for which I have obtained patents in the countries hereinafter named, numbered and dated as follows, viz: in England, No. 1,339, dated January 24, 1889; in France, No. 203,656, dated February 7, 1890; in Austria-Hungary, No. 7,809, dated May 18, 1890, and in Canada, No. 34,678, dated July 10, 1890,) of which the following is a specification.

The object of this invention is to facilitate the opening and closing of curtains; and the invention consists in a novel construction of the means for supporting the curtains, whereby this object may be effected.

Figure 1 represents a transverse section of a curtain-pole and two curtain-carriers arranged to run therein. Fig. 2 is a side view of one of the carriers. Fig. 3 is a side view of a metal loop which forms part of the carrier, and Fig. 4 is a front view of a grooved metal ball which forms the other part of the carrier.

In carrying out my invention I cut in the lower half of a wooden pole A, by means of a rose-cutter or in any other convenient manner, one or more circular grooves B, with narrow openings a, as shown in Fig. 1, by which means tracks are formed in the pole for the runners of the curtain carrier or carriers, the construction of which will be hereinafter described.

The curtain-carrier (shown in Figs. 1 and 2) to which the curtain is attached and the runner of which works on the tracks in the grooves of the pole consists of a simple loop D and a ball or roller D², which is grooved annularly (see Fig. 4) to form an axle or journal. The said loop, which may be of a single piece of

sheet metal or of wires is represented as having a form somewhat resembling the profile of a pear, the lower part being wide enough to allow it to be slipped over the body of the roller and the upper part being contracted in the form of an eye D' (see Fig. 3) to constitute a bearing to fit the said axle or journal of the roller, and in which bearing the said axle or journal may turn freely. By this construction I obtain a very simple and inexpensive curtain-carrier, which will run on the tracks on either side of the groove formed in the pole and through which the loop will hang down a sufficient distance to receive the curtain-hooks. The ends of the grooves will be closed by ornamental ends, as usual.

The groove or grooves B may extend from end to end of the pole, so that a light and a heavy pair of curtains may be hung on the same pole; or the grooves may be formed on different lines from opposite ends of the pole to stop just beyond the middle, so that the curtains may cross.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is—

A curtain-carrier consisting of the combination of a roller grooved to form an axle or journal, and a loop the lower part of which is wide enough to pass over the ends of the said roller and the upper part of which is contracted to constitute a bearing for the said axle or journal, substantially as herein described.

In witness whereof I have hereunto set my hand the 22d day of September, 1890.

GEORGE SMITH.

Witnesses:

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