

(No Model.)

A. H. MOORE.
JOINT FOR CURTAIN RODS.

No. 262,458.

Patented Aug. 8, 1882.

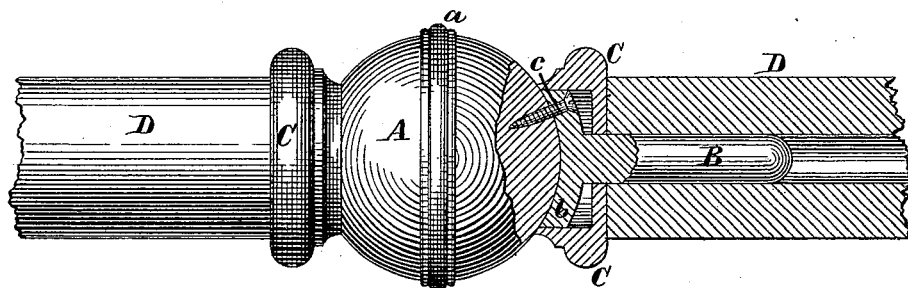


Fig. 1.

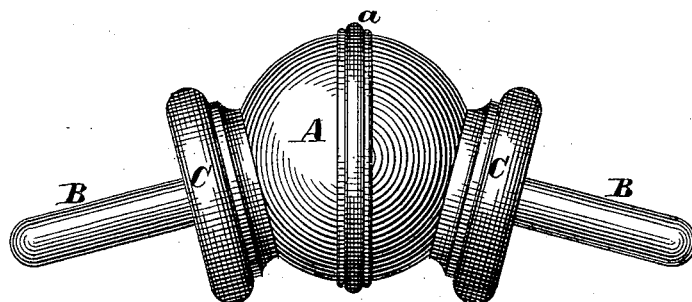


Fig. 2.

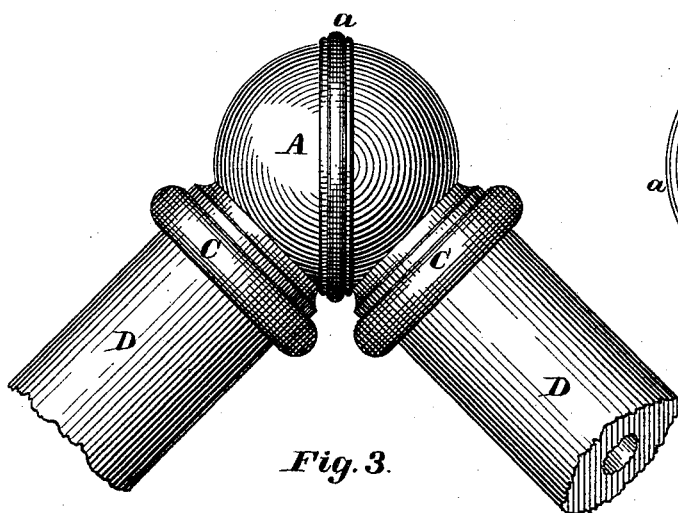


Fig. 3.

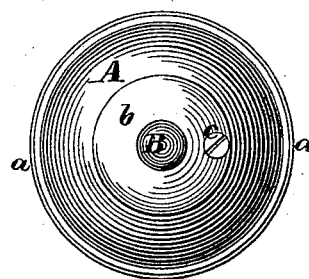


Fig. 4.

Witnesses:

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UNITED STATES PATENT OFFICE.

ALBERT H. MOORE, OF BOSTON, MASSACHUSETTS.

JOINT FOR CURTAIN-RODS.

SPECIFICATION forming part of Letters Patent No. 262,458, dated August 8, 1882.

Application filed May 24, 1882. (No model.)

To all whom it may concern:

Be it known that I, ALBERT H. MOORE, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Joints for Curtain-Rods, of which the following, taken in connection with the accompanying drawings, is a specification.

My invention relates to a joint for curtain-rods, such as are used to hang drapery curtains by means of rings which slide upon the rods, and is designed for use in cases where two rods meet at an angle or where two windows in the same wall are so near together that there is not room for two independent rods with a ball upon each end of each rod; and it consists in a novel method of connecting two rods to a single ball, whereby by simply rotating said rods their relation to the ball and to each other may be so changed as to adapt them to be applied to two windows in the same straight wall or to two windows in two different walls at any angle to each other from a straight line to an angle of ninety degrees, which will be best understood by reference to the description of the drawings, and to the claims to be hereinafter given.

Figure 1 of the drawings is a sectional plan of my improved joint applied to two rods in axial line with each other. Fig. 2 is a plan of the same joint detached from the rods, but adjusted to fit two walls at an angle. Fig. 3 is a plan of the same with portions of two rods and adjusted to fit a right angle, and Fig. 4 is an end view of one of the rod-connecting pins and of the ball with the cap or collar removed.

A is a ball, of wood or metal, as may be desired, provided with an ornamental equatorial band, *a*.

B B are two studs or pins, each provided with a flange, *b*, in the form of a segment of a hollow sphere, which is secured to the ball A by means of the screw *c*, located eccentric to the axis of the stud or pin B and at an angle thereto of twenty-two and one-half degrees, as shown in Fig. 1. Both the screws *c* are in the same horizontal plane, cutting the center of the ball, and upon the side of and the same angle to a perpendicular plane through the

center of said ball, reference being had to 50 Fig. 1.

CC are two molded collars, fitted to the pins B B and chambered out to receive the flanges *b* of said pins and to receive and form a finish to the ends of the rods D D, upon which the 55 rings (not shown) slide.

From the foregoing description and a careful examination of the drawings it will be seen that by simply rotating the rods D D with the pins B, which are fitted tightly to the holes 60 in the rods, the rods may be placed at any desired angle to each other and to the poles of the ball A from a position in axial line with said poles to an angle of forty-five degrees to said poles or of ninety degrees to each other. 65

In many places where it is desirable to hang drapery curtains with rods and rings the windows are so near together that there is not room enough to put up two rods complete with a ball or other ornament upon each end of 70 each, and this fact has often been a source of trouble to the upholsterer.

To obviate this difficulty and construct a universal joint adapted for use with drapery-curtain rods in any position is the object of 75 my present invention.

It is obvious that if the ornamental band *a* on the ball A is dispensed with one of the pins B may be secured rigidly to the ball while the other is pivoted thereto eccentrically, as before described, and an adjustable joint, adapted for use in the great majority of cases where such a device would be needed, would be produced, and hence, although I prefer the arrangement with both pins pivoted, as described, I do not wish to be limited in my claim 85 to pivoting both pins; but

What I claim as new, and desire to secure by Letters Patent of the United States, is—

1. A joint for drapery-curtain rods, consisting of a ball and two rod-connecting pins, one of which is connected to said ball by a pivot that is radial to the center of the ball and eccentric to the axis of the pin, substantially as described. 90

2. A joint for drapery-curtain rods, consisting of a ball provided with an ornamental equatorial band and two rod-connecting pins 95

connected to said ball by pivots that are radial to the center of the ball and eccentric to the axes of the pins, substantially as described.

3. The combination, with the two curtain-
5 rods D D, of the ball A, the flanged pins B B, the eccentric radial pivots c, and the chambered collars C C, all arranged and adapted to operate substantially as and for the purposes described.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, on this 22d day of May, A. D. 1881.

ALBERT H. MOORE.

Witnesses:

E. A. HEMMENWAY,

J. LOMBARD.