

F. H. MOORE.
 ADJUSTABLE FLOWER STAND.
 APPLICATION FILED OCT. 7, 1908.

911,149.

Patented Feb. 2, 1909.

Fig. 2.

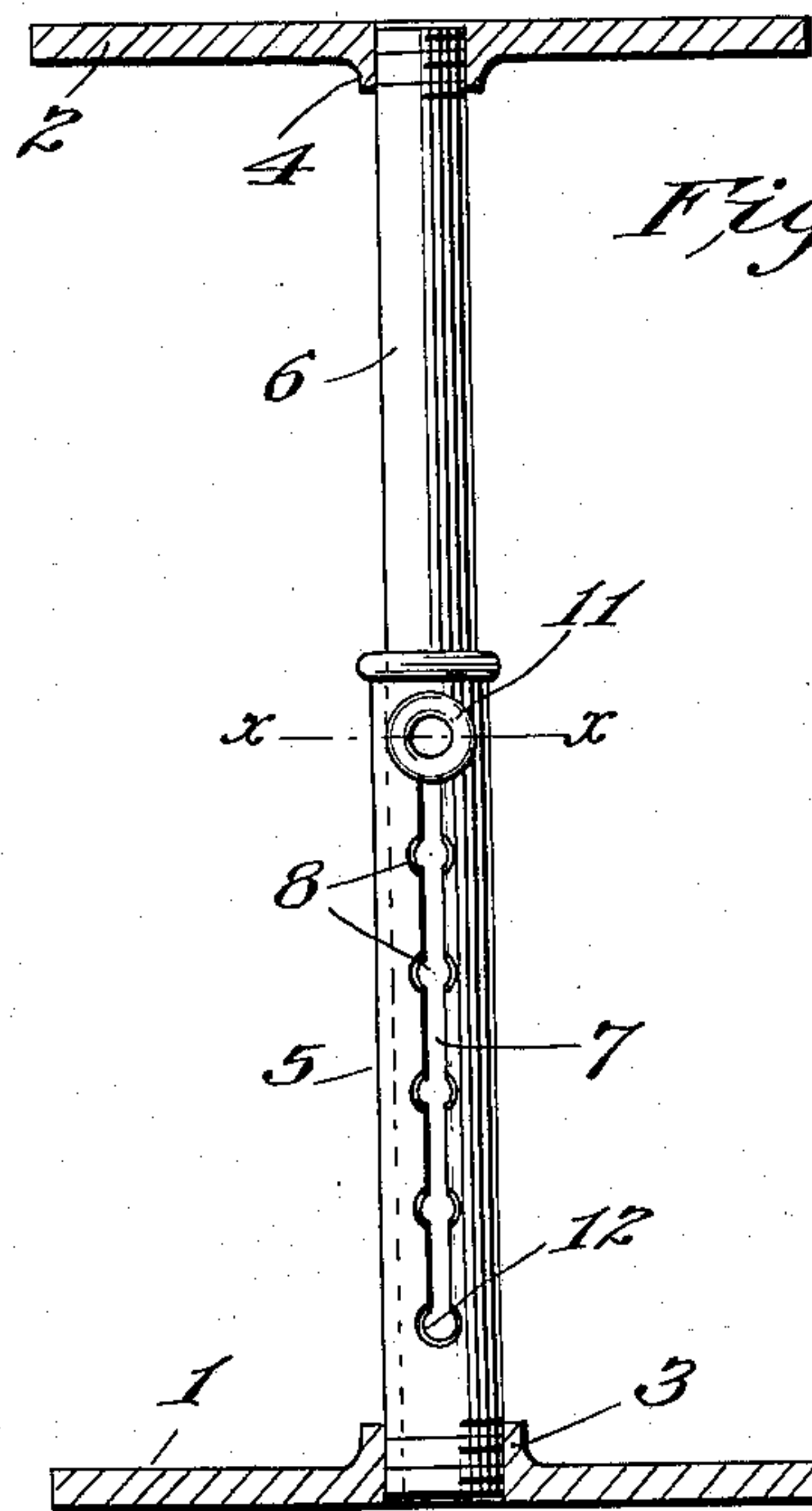
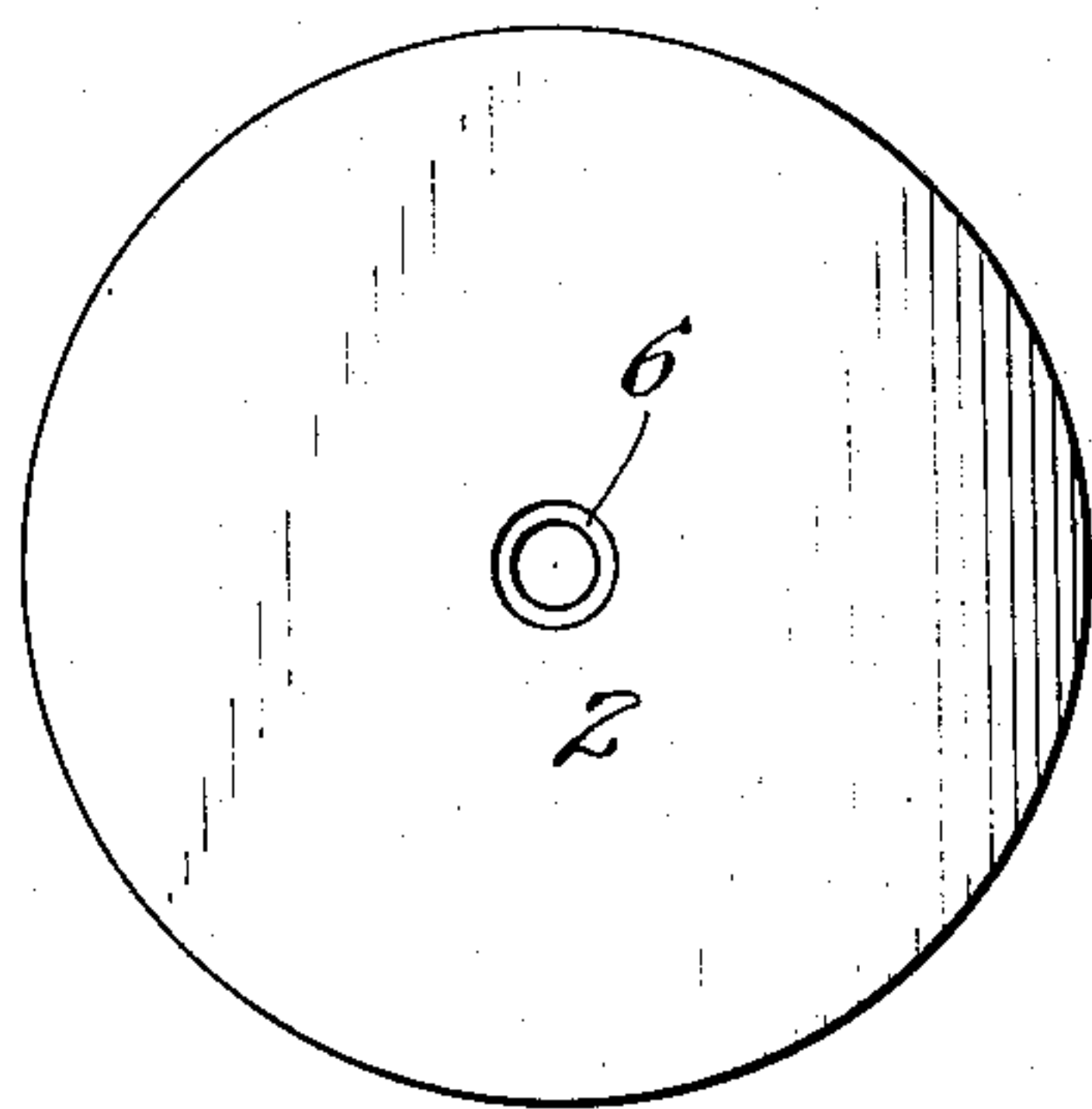


Fig. 1.

Fig. 3.

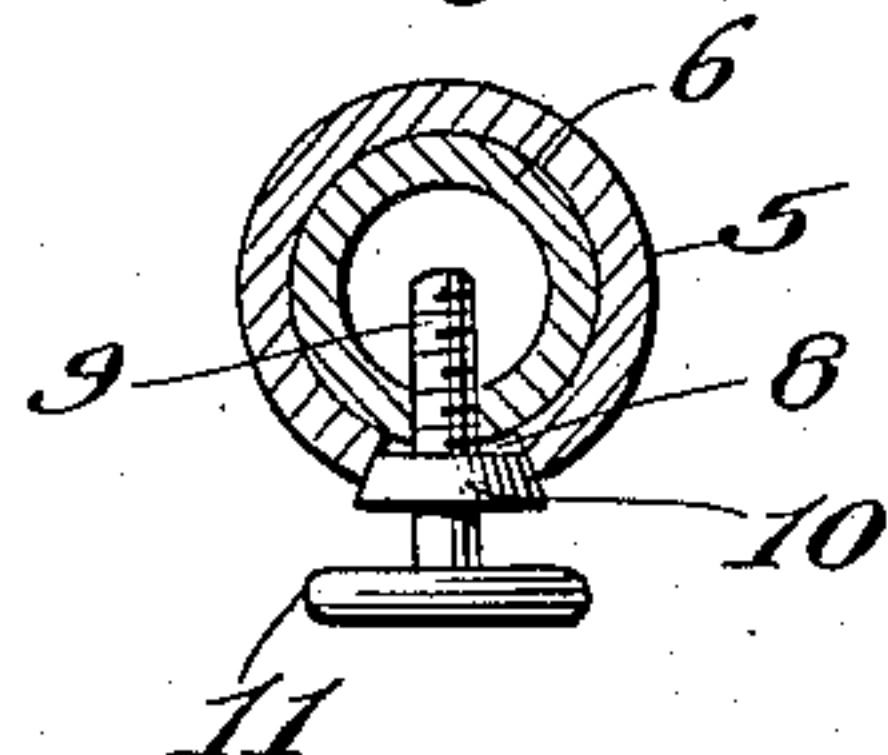
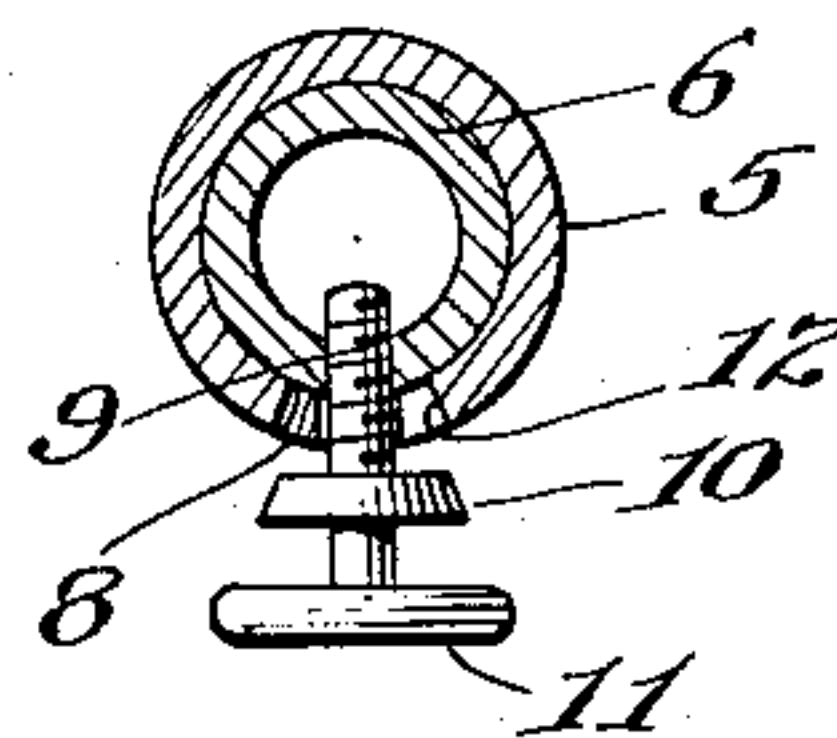


Fig. 4.



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UNITED STATES PATENT OFFICE.

FRED H. MOORE, OF LANSDOWNE, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO WALTER R. LIVINGSTON, OF LANSDOWNE, PENNSYLVANIA.

ADJUSTABLE FLOWER-STAND.

No. 911,149.

Specification of Letters Patent.

Patented Feb. 2, 1909.

Application filed October 7, 1908. Serial No. 456,610.

To all whom it may concern:

Be it known that I, FRED H. MOORE, a citizen of the United States, residing at Lansdowne, in the county of Delaware and State of Pennsylvania, have invented certain new and useful Improvements in Adjustable Flower-Stands, of which the following is a specification.

My invention relates to adjustable stands and particularly to adjustable flower stands.

More specifically, my invention relates to novel means for securing the stand in adjusted position.

The object of my invention is to provide an adjustable flower stand equipped with improved means for securely holding the parts in adjusted position.

Further objects of my invention are to provide a device as mentioned which shall be easily and quickly adjusted, simple of construction and of low cost to manufacture.

Other objects will appear hereinafter.

With these objects in view my invention consists generally in an adjustable flower stand comprising a base and a top disk provided with telescoping vertical standard members and in means for securing said members in adjusted position whereby both a positive and a frictional lock is had.

My invention further consists in various details of construction and arrangements of parts all as will be fully described hereinafter and particularly pointed out in the claims.

My invention will be more readily understood by reference to the accompanying drawings forming a part of this specification and in which,

Figure 1, is an elevation of an adjustable flower stand embodying my invention in its preferred form, the top and bottom being in section, Fig. 2, is a top plan view thereof, Fig. 3, is a section on the line $x-x$ of Fig. 1 upon an enlarged scale and Fig. 4, is a similar view illustrating the parts in unlocked position.

Referring now to the drawing, 1 indicates the base and 2 the top of the stand. These comprise similar disks each preferably formed of a single casting having a central threaded aperture 3 and 4 respectively to receive the standard members. The standard comprises the vertical tubular members 5 and 6, each threaded into its respective

member 1 and 2 and the member 6 telescoping within the member 5.

The member 5 is provided with a longitudinal slot extending throughout substantially the height of said member and the slot is provided with oppositely disposed substantially semicircular recesses arranged at intervals, forming sockets to receive the locking member. Extending through the slot 7 and threaded into the wall of the member 6, is a screw 9, the diameter of which is slightly less than the width of the slot 7, permitting the same to pass freely up and down therein. Formed on the screw 9, and preferably integrally therewith is a collar 10 which enters the recesses 8 to lock the members 5 and 6 in adjusted position. By turning the screw to the left the collar 10 is withdrawn from the recess after which the stand may be adjusted in height.

11 indicates a handle on the screw to facilitate turning the same.

To relieve the screw 9 of a shearing strain when a heavy weight is placed on the stand, I form the locking device so as to bind the members 5 and 6 together forming a frictional contact between the same. To this end the walls of the recesses 8 are inwardly tapered or conical as shown clearly at 12 in Fig. 4, and the collar 10 is formed frusto-conical to fit snugly therein. When the screw is turned to the right, forcing the collar 10 within one of the sockets 8—8, the member 6 is drawn tightly against the member 5 forming a frictional contact between their adjacent faces.

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

1. In a device of the class described, a base and a top disk in combination with a standard comprising telescopic tubular members secured to said base and said top respectively, the outer member having a longitudinal slot and said slot having oppositely disposed substantially semicircular recesses arranged at intervals, a screw threaded into the inner tubular member and a collar on said screw, the stem of the screw being adapted to pass freely along said slot and said collar being adapted to fit within said recesses, substantially as described.

2. A stand comprising a base and a top, in

combination with a standard comprising a pair of telescopic tubular members secured to said base and said top respectively, the outer member having a longitudinal slot and
5 said slot having oppositely disposed substantially semicircular recesses arranged at intervals, a screw threaded into the inner member and a collar on said screw, the walls of said recesses being conical and said collar being

frusto-conical to fit snugly therein substantially as described. - 10

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

FRED H. MOORE.

Witnesses:

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J. A. L. MULHALL.