(No Model.)

F. M. MORROW.

SHOW STAND.

No. 485,109. Patented Oct. 25, 1892.

Fig. 1.

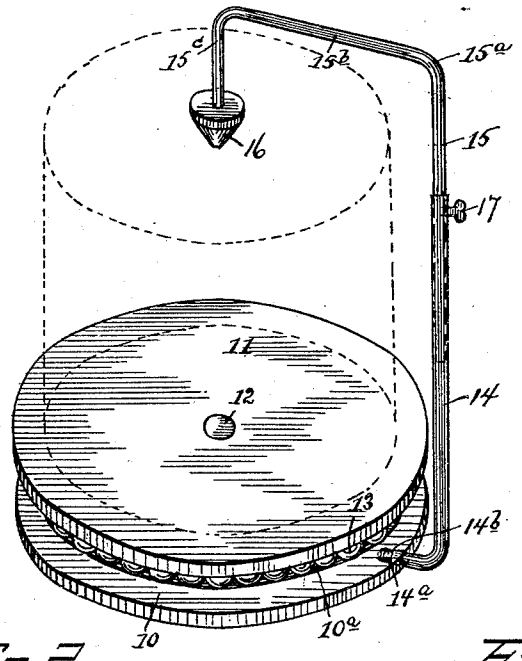


Fig. 2.

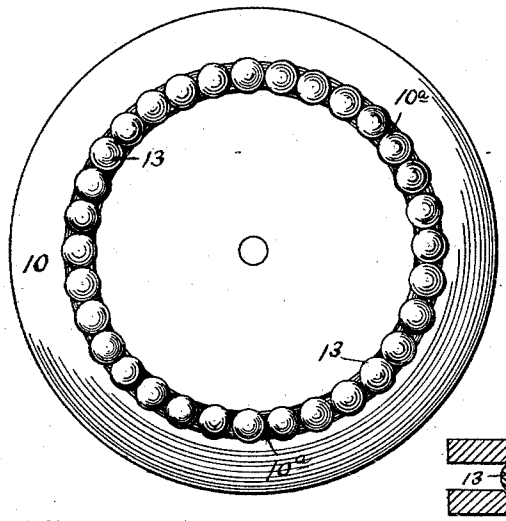
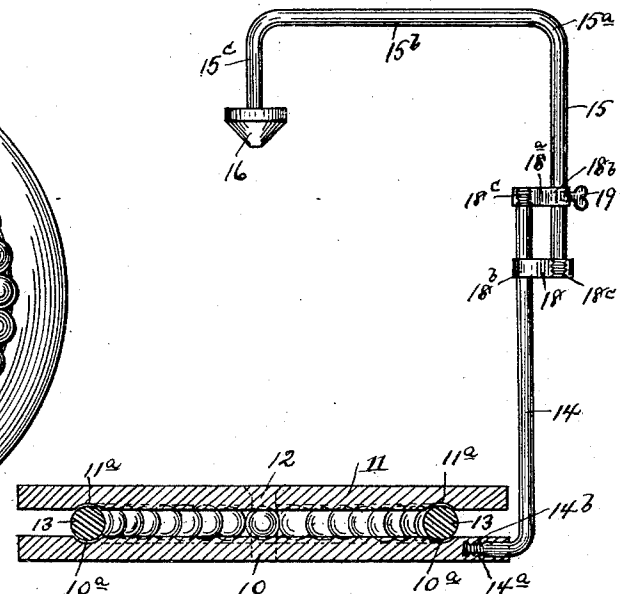


Fig. 3.



Witnesses
Albert Popkins.
Thos. G. Miller.

Frank M. Morrow Inventor.
by David A. Gourick Attorney

UNITED STATES PATENT OFFICE.

FRANK M. MORROW, OF ALTOONA, PENNSYLVANIA.

SHOW-STAND.

SPECIFICATION forming part of Letters Patent No. 485,109, dated October 25, 1892.

Application filed February 18, 1892. Serial No. 422,031. (No model.)

To all whom it may concern:

Be it known that I, FRANK M. MORROW, a citizen of the United States, residing at Altoona, in the county of Blair and State of Pennsylvania, have invented new and useful Improvements in Show-Stands, of which the following is a specification.

My invention is an improved show-stand for carpets, oil-cloths, &c., the object of the invention being to provide a device of this character in which the roll of carpet may be arranged in a vertical position upon the stand and can be readily and quickly unrolled or rolled, as may be desired, for exhibition, measurement, or other purposes without tilting or turning the roll over, as commonly takes place now when the roll is simply placed upon the floor, and also to permit of handling and exhibiting the carpet without risk of soiling it and in much smaller space than that required in the old way of handling such goods.

My invention consists of a revoluble supporting-plate upon which the carpet rests and a bracket for holding said roll in a vertical position; and my invention consists, further, in certain details of construction or combination of parts, all of which will be fully described hereinafter, and pointed out in the claims.

In the sheet of drawings accompanying and forming a part of this specification, Figure 1 is a perspective view showing the manner of using my invention. Fig. 2 is a top plan view of the base with the revoluble plate removed, and Fig. 3 is a vertical section of my device with a modified form of supporting-bracket.

In the practical embodiment of my invention I employ a suitable base 10, preferably circular in shape and having an annular groove 10^a formed in the upper face of the same. A revoluble supporting-plate 11 is arranged above the base 10, said plate being connected with the base by means of a pivotal bolt 12. The supporting-plate 11 has an annular groove 11^a, formed in the lower face of the same, which mates with the groove 10^a in the base 10, said grooves forming an annular passage in which is arranged a series of bearing-balls 13, a sufficient number of balls being employed to fill the entire passage, and thereby preventing any bunching of the balls which would cause the plate to bind or catch in its revolutions. The roll of carpet is arranged upon this base and can be revolved for the purpose of exhibition or the carpet may be unrolled for the purpose of measurement and in order to prevent the roll falling over, while upon the base I provide a standard 14, which is rigidly connected with the base 10, preferably by having a threaded lower end 14^a, which enters a threaded socket 14^b, produced in the side of the base. This standard 14 may be tubular, as shown in Fig. 1, or it may be solid, as shown in Fig. 3; but in either case a vertically-adjustable rod 15 is connected therewith, said rod being bent horizontally at 15^a, producing the horizontal arm 15^b, and near its end said arm is bent downwardly at right angles, forming the dependent finger 15^c. The arm 15^b is of such length that the finger 15^c rests directly over the center of the plate, and hence would enter the center of the roll. An inverted-cone-shaped centering-block 16 is secured upon the finger 15^c, said block resting in the center of the roll, and as the block is conical in shape it can readily be inserted therein. When the standard 14 is made tubular, the bar 15 slides vertically therein and is locked in any desired position by means of a set-screw 17, which passes through the side of the standard and binds against the rod within the same. When the standard is made solid, I employ two casting-pieces 18 18^a, each having two apertures 18^b and 18^c produced therein, the apertures 18^b being smooth, while the apertures 18^c are threaded. The lower end of the rod 15 is secured in the threaded aperture of the piece 18, while the upper end of the standard is secured in the threaded aperture of the piece 18^a, the rod working through the smooth aperture of the piece 18^a, and as the rod is adjusted the piece 18 slides upon the standard 14. A set-screw 19 is passed through the piece 18^a and is adapted to secure the rod 15 within the aperture 18^b. The bracket can thus be adjusted to suit various widths of carpet, or it may be elevated to remove the carpet from the stand.

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

1. The combination, with a revoluble plate,

of a stationary standard arranged adjacent thereto, the horizontal arm connected with the standard, and the centering-block attached to the free end of said arm in axial alignment with the center of the plate, substantially as and for the purpose described.

2. The combination, with a stationary base, of a revoluble plate arranged upon said base, the vertical standard attached to said base at one side of the same, the horizontal arm secured to the standard, and centering-block secured to the free end of arm and in axial alignment with the center of plate, substantially as shown and described.

3. The combination, with a stationary base, of the revoluble plate, the vertically-adjustable rod attached to the base at one side of the same, the horizontal arm secured to the adjustable arm, and the centering-block secured to the free end of the arm and in axial alignment with the center of revoluble plate, substantially as shown and described.

4. The combination, with the stationary base having an annular groove, the revoluble plate having a mating annular groove, the bearing-balls arranged in the groove, the vertical standard attached to the base at one side of the same, the horizontal arm secured to the free end of the standard, and the centering-block secured to the free end of the arm and in axial alignment with the center of revoluble plate, substantially as shown and described.

5. The combination, with the stationary base, of the revoluble plate and the bearing-balls arranged between the said base and plate, the vertical standard attached to one side of the base, the vertically-adjustable rod connected with the standard, the horizontal arm arranged upon the adjustable rod, centering-block carried upon the free end of the arm and in axial alignment with the center of revoluble plate, and set-screw, all arranged substantially as shown and described.

FRANK M. MORROW.

Witnesses:
JACOB SNYDER,
EDGAR C. MARKS.