July 28, 1931. M. W. ROGERS, SR 1,816,747

DISPLAY RACK

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Fig. 1.

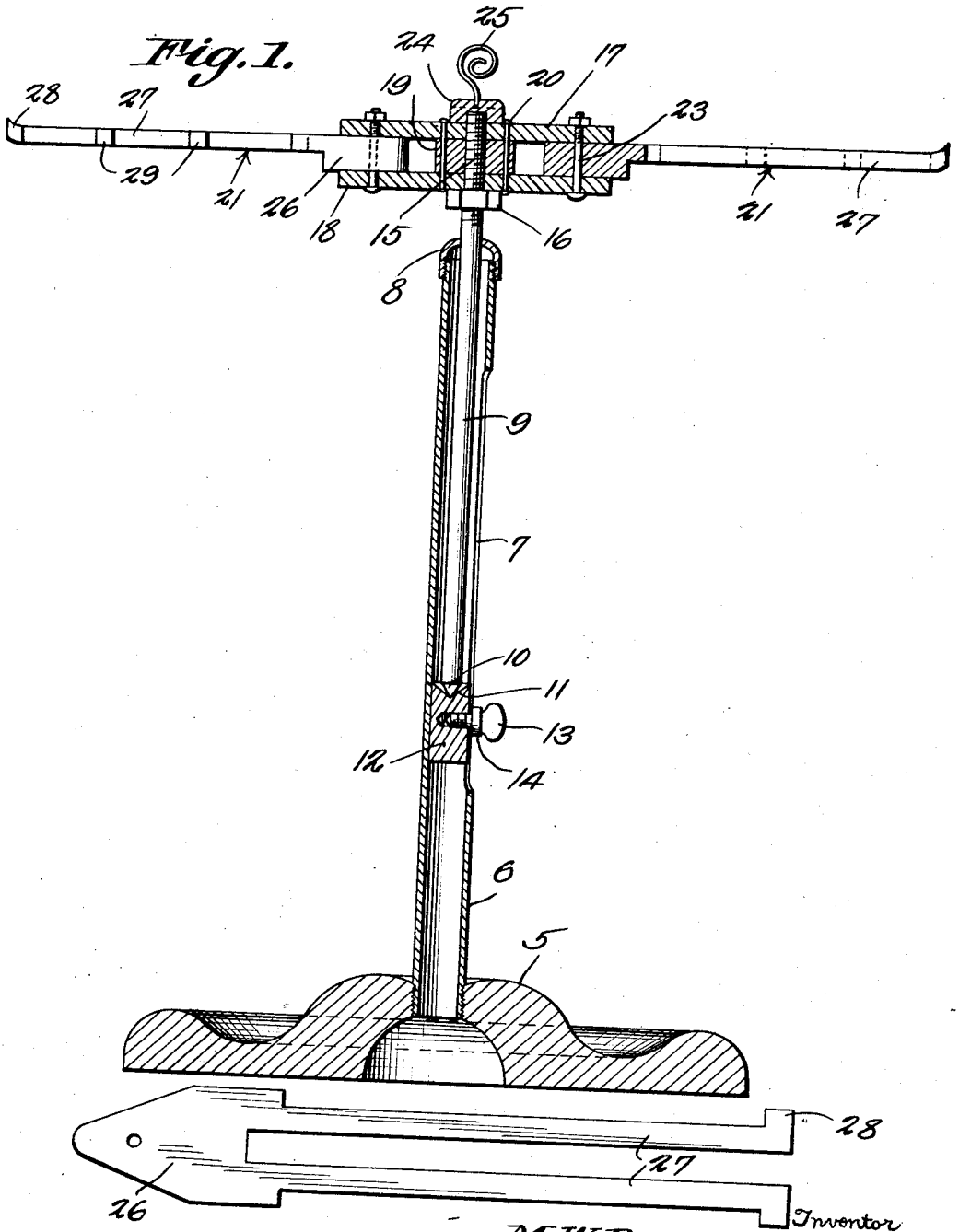


Fig. 2.

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Fig. 3.

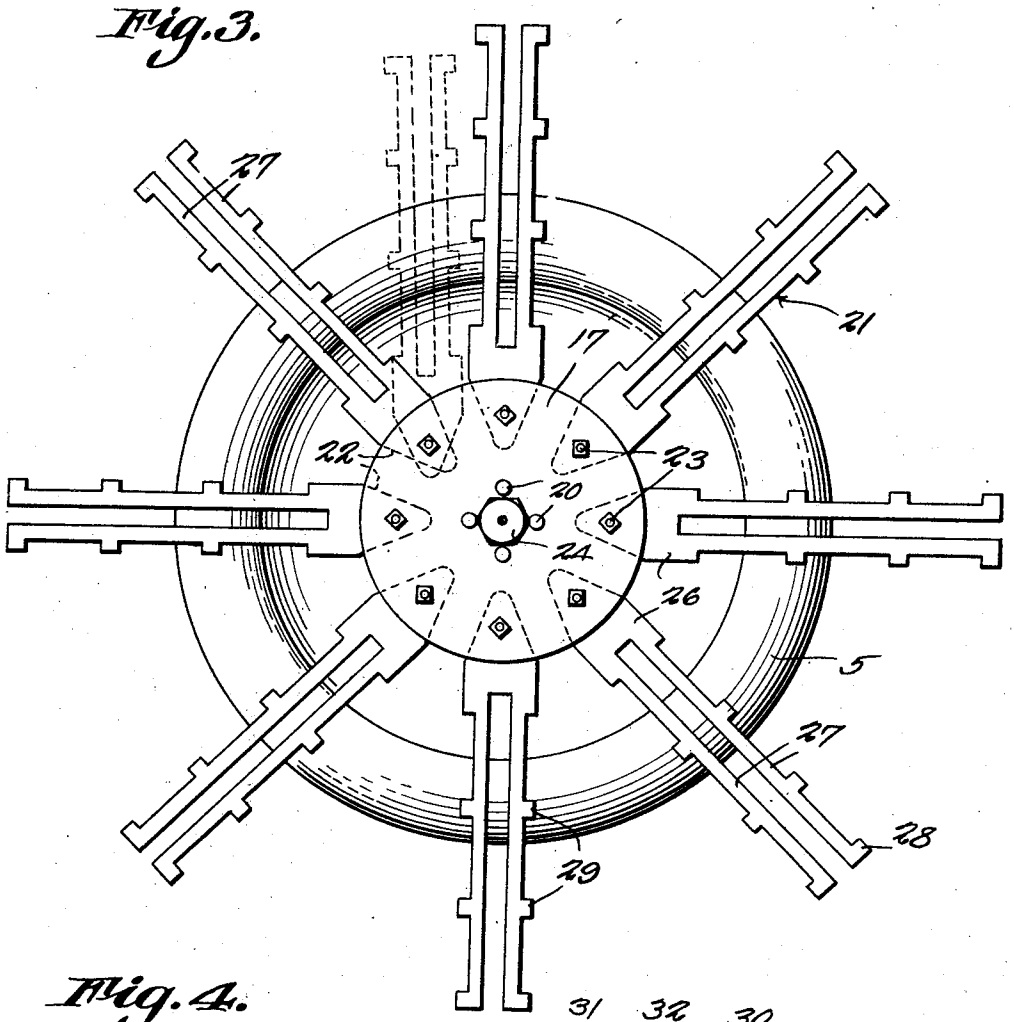


Fig. 4.

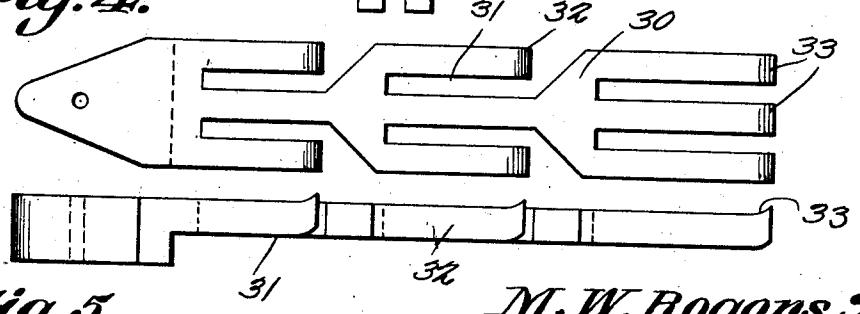


Fig. 5.



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UNITED STATES PATENT OFFICE

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DISPLAY RACK

Application filed February 21, 1930. Serial No. 430,361.

This invention relates to display racks, the primary object of the invention being to provide a display rack or stand of the revolving type having arms so constructed that they may be moved through a substantially large arc, so that articles supported thereby may be viewed throughout their entire lengths.

Another object of the invention is to provide a display rack or stand of this character wherein the arms may be moved to such positions with respect to each other that a garment hanging on one arm will not interfere with the viewing of a garment hanging on the adjacent arm.

A still further object of the invention is to provide a display stand which may be adjusted vertically so that articles of various lengths may be supported thereon.

With the foregoing and other objects in view, which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, may be made within the scope of what is claimed, without departing from the spirit of the invention.

Referring to the drawings:

Figure 1 is a longitudinal sectional view through a display rack or stand constructed in accordance with the invention.

Figure 2 is a plan view of one of the swinging arms of the rack.

Figure 3 is a plan view of the rack illustrating a modified form of arm.

Figure 4 is a plan view of a further modified form of arm.

Figure 5 is a side elevational view thereof.

Referring to the drawings in detail, the reference character 5 designates the base of the stand, which is preferably circular in formation, and provided with a flat floor engaging surface. The base 5 is formed with a central threaded opening to receive the threaded end of the tubular supporting post 6, which is provided with a slot 7.

A cap indicated at 8 is fitted on the upper end of the post 6 and is provided with an opening through which the rod 9 extends. The lower end of the rod is tapered as at 10 and fits into the recess 11 formed in the upper end of the bearing 12, which bearing is adjustably mounted within the post 6. A threaded opening is formed in the bearing 12 and receives the set screw 13 which is provided with a collar 14 to engage the post 6 at a point adjacent to the slot 7 to lock the bearing 12 in its positions of adjustment. Thus it will be seen that due to this construction the stand may be adjusted vertically for supporting articles of various lengths.

The upper end of the rod 9 is threaded as at 15 and is provided with a nut 16 affording a rest for the upper section of the display rack. As shown the upper section embodies a pair of spaced disks 17 and 18 respectively, the disks being spaced apart by means of the spacing sleeve 19, which is secured in position by means of the rivets 20.

Pivotally supported between the disks 17 and 18, are arms 21 which have their inner corners cut away defining beveled surfaces 22, bolts 23 being provided and extended through the disks and arms to connect the arms to the upper section of the device.

As shown by Figure 1 the upper end of the rod 9 extends beyond the disk 17, where it accommodates the nut 24 that acts to secure the upper section of the rack or stand to the rod 9. Secured to the nut 24 is a hook 25 that may be used for securing a price tag to the device.

Each of the arms 21 embodies a head 26 and lateral spaced arms 27, the ends of the arms 27 being extended laterally defining shoulders 28 providing stops to prevent articles positioned on the arms 27 from being displaced over the ends of the arms.

In the form of the invention as shown by Figures 1 and 2 of the drawings, lugs 29 extend laterally from the sides of the arms 27 to engage the articles supported on the arms and prevent the articles from sliding longitudinally thereof.

As shown by Figure 4 of the drawings an arm 30 is provided, the arm having cut away portions leading from the sides thereof, the cut away portions extending in parallel rela-

tion with the arm providing spaces 31 and lateral supporting fingers 32. The free ends of the supporting fingers 32 are curved upwardly as at 33 to prevent articles supported thereon from slipping from the arms.

From the foregoing it will be seen that the arms may be swung from a position as shown in full lines in Figure 3 of the drawings to the position as shown in dotted lines, thereby providing a wide space between the adjacent arms, to permit the articles hanging thereon, to be viewed throughout their entire lengths and widths.

I claim:

1. A display rack comprising a base, a hollow post extending from the base, a bearing adjustably mounted within the post, a rod extending into the post, the lower end of the rod resting on the bearing, an upper section secured to the upper end of the rod, said upper section comprising spaced disks, arms pivotally supported between the disks, said arms including heads, the inner corners of the heads being cut away to permit the arms to swing appreciable distances laterally.

2. A display rack comprising a base, a hollow post extending upwardly from the base, said post having a slot extending longitudinally thereof, a bearing in the post, a set screw extending through the slot and having connection with the bearing for securing the bearing in various positions of adjustment, a rod extending into the upper end of the post and having its lower end resting on the bearing, an upper section mounted on the upper end of the post, said upper section comprising spaced disks, arms pivotally mounted between the disks, and means for securing the upper section in position.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature.

MIKE W. ROGERS, SR.