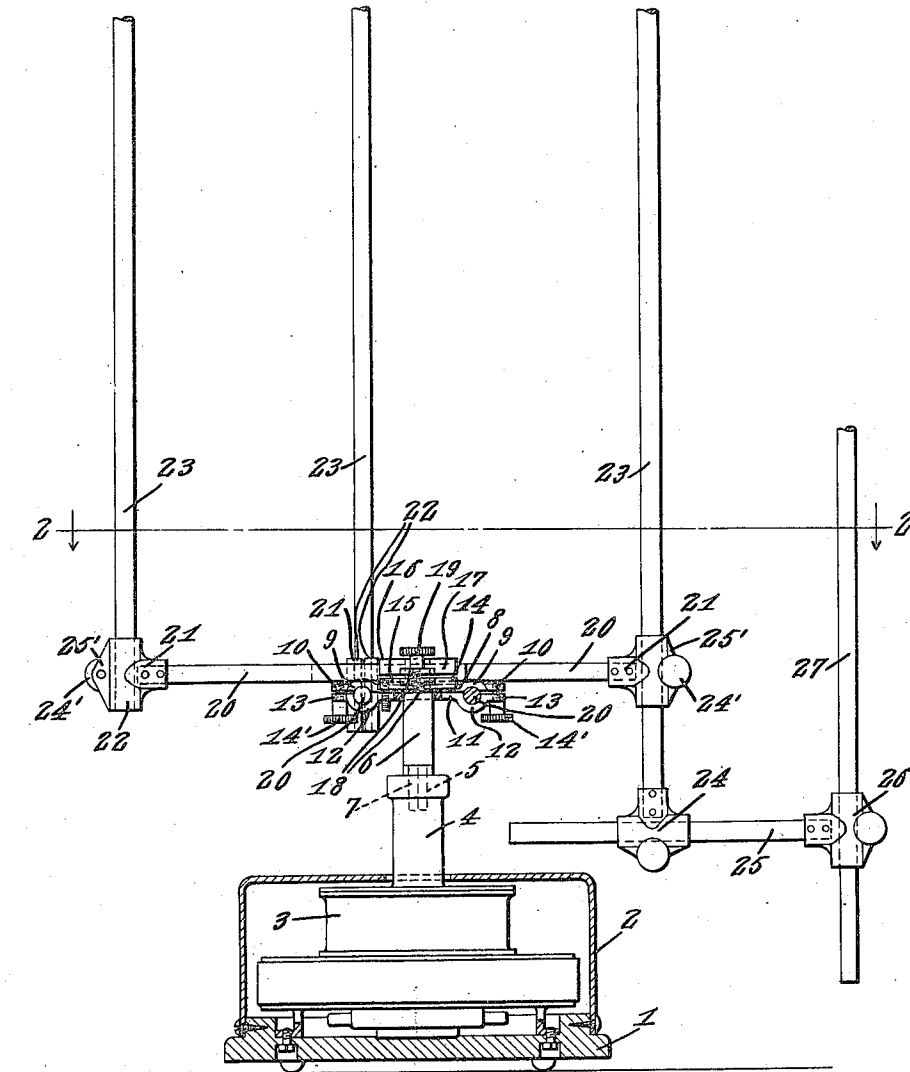


J. M. PERRY.
 DISPLAY RACK.
 APPLICATION FILED SEPT. 21, 1921.

1,424,587.

Patented Aug. 1, 1922.
 2 SHEETS—SHEET 1.

Fig. 1.



J. M. Perry, Inventor.

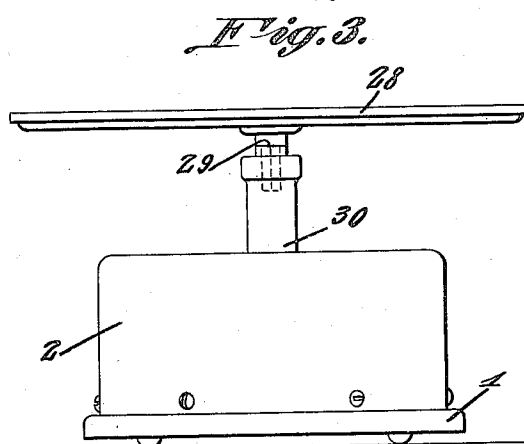
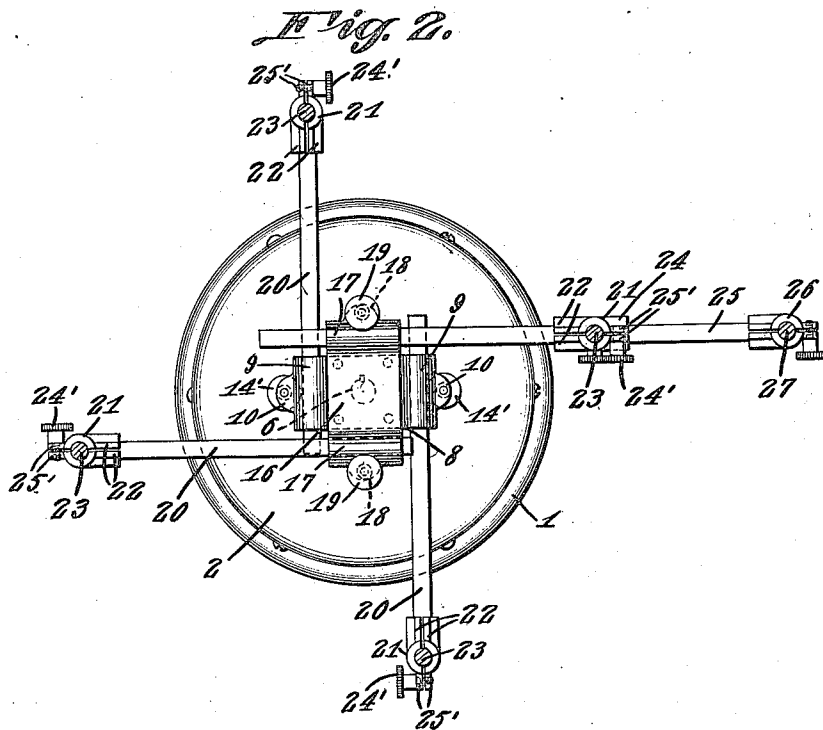
By *C. A. Snow & Co.*
 Attorney

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By *C. A. Snowles*,
 Attorney

UNITED STATES PATENT OFFICE.

JOSEPH MARTIN PERRY, OF MERIDIAN, MISSISSIPPI.

DISPLAY RACK.

1,424,587.

Specification of Letters Patent.

Patented Aug. 1, 1922.

Application filed September 21, 1921. Serial No. 502,123.

To all whom it may concern:

Be it known that I, JOSEPH M. PERRY, a citizen of the United States, residing at Meridian, in the county of Lauderdale and State of Mississippi, have invented a new and useful Display Rack, of which the following is a specification.

This invention relates to a display rack of that type adapted to movably support articles to be displayed.

One of the objects of the invention is to provide a motor driven rack having supporting arms interchangeably and adjustably mounted so as to be placed in any desired relation to each other, thus to hold articles of merchandise in any desired relation where they will be displayed to the best advantage during the actuation of the structure.

Another object is to provide novel means for connecting the parts of the rack.

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, within the scope of what is claimed, changes in the precise embodiment of the invention shown can be made without departing from the spirit of the invention.

In the accompanying drawings the preferred forms of the invention have been shown.

In said drawings—

Figure 1 is a view partly in section and partly in elevation of the display rack.

Figure 2 is a section on line 2—2, Figure 1.

Figure 3 is an elevation of a modified form of display rack.

Referring to the figures by characters of reference 1 designates the base of a housing 2. In this housing is arranged a motor 3 preferably of that type to be driven by electricity. This motor has a stem 4 projecting upwardly therefrom through the housing and provided with an angular socket indicated by dotted lines at 5.

The structure to be rotated by the motor may be of any form desired. In Figures 1 and 2 it has been illustrated as consisting of a standard 6 having an angular tongue or projection indicated by dotted lines at 7 and which is adapted to fit into the socket 5 so that the standard will rotate with the stem 4.

This standard connects at its upper end to a plate 8 adapted to rotate therewith, there being provided at each end of the plate a transversely channeled portion 9 forming the upper half of a bearing. This portion has an ear 10 extending outwardly therefrom. Another plate 11 is movably mounted on the standard 6 and has transversely grooved end portions 12 forming the lower housing of the bearings or clamps, there being outstanding ears 13 on the ends of the plate 11 for the reception of clamping screws 14' which engage the ears 10.

Another stationary clamping plate 14 is extended transversely across the plate 8 and is secured thereto fixedly. This transverse plate 14 has its end portions grooved transversely to provide clamping jaws 15. A movable clamping plate 16 is arranged above the plate 14 and has transversely grooved ends 17 forming the upper halves of the clamps or bearings. Ears 18 are extended from the ends of the plates 14 and 16 and are adapted to receive clamping screws 19. Thus it will be seen that the standard 6 is provided with a head consisting of two plates 8 and 14 which are fixedly connected to each other and to the standard and are adapted to rotate with the standard, each of these plates having a movable plate cooperating therewith to form gripping members or clamps. Obviously, therefore, a set of four clamps is provided, these clamps being disposed at right angles to each other as shown in Figure 2.

Each clamp is adapted to receive a horizontally extended rod 20 which can be adjusted longitudinally or angularly to any desired position and then held by tightening the clamp in which it is located. Mounted on the outer end of each of the rods 20 is a split T connection 21 providing opposed jaws 22 for the reception therebetween of the lower end of an upstanding arm 23. A clamping screw 24' engages ears 25' extending from these jaws and by means thereof the jaws may be caused to bind tightly on the arm 23. One or more of the arms 23 can be provided with connections 24 similar to the connection 21 so as to receive another horizontal arm 25 which in turn can be provided with a connection 26 similar to those shown at 21 and 24. The connection 26 can be designed to receive an upstanding arm 27. Obviously any desired combination and arrangement of arms and

rods can be employed in order that articles of merchandise may be displayed in any desired relation to each other and to the casing 2. The connections shown permit of a large number of adjustments both angularly and longitudinally.

Instead of mounting on the stem 4 a standard and head such as has been described, a table 28 can be arranged above the stem, this table having a downwardly projecting central spindle 29 for engaging the stem 30 so as to rotate therewith. See Figure 3.

It is to be understood that various other arrangements of display elements can be provided, it being designed, after articles have been placed on the rotating portion of the rack, to operate the motor 3 so that the supported articles will be revolved at a desired speed.

It will be noted that the rods 20 are disposed in pairs, the rods of each pair being extended in opposite directions respectively and having their inner ends lapped. All of the rods are also tangentially disposed relative to the circle travelled by the clamps engaging the rods. By arranging the rods in this manner it is possible to adjust them so as to bring their ends any desired distances from the clamps and to bring the clamping members 21 as close to the standard 6 as desired.

What is claimed is:

1. In a display rack the combination with a housing, a motor therein, and a stem pro-

jecting from the housing and driven by the motor, of a standard detachably engaging and rotated by the stem, a head fixedly mounted on and rotating with the standard said head having angularly spaced clamping members, clamping plates cooperating with said members, rods interposed between the clamping members and plates and adjustably held thereby, said rods being extended tangentially to the circle of rotation of the clamping members.

2. In a display rack the combination with a housing, a motor therein, and a stem projecting from the housing and driven by the motor, of a standard detachably engaging and rotated by the stem, a head fixedly mounted on and rotating with the standard, said head having angularly spaced clamping members, clamping plates cooperating with said members, rods interposed between the clamping members and plates and adjustably held thereby, said rods being extended tangentially to the circle of rotation of the clamping members, clamping connections upon the rods, and arms adjustably engaging and held by said clamping members and extending at angles to the rods.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

JOSEPH MARTIN PERRY.

Witnesses:

J. M. BREWSTER,
C. W. O'BRIEN.