

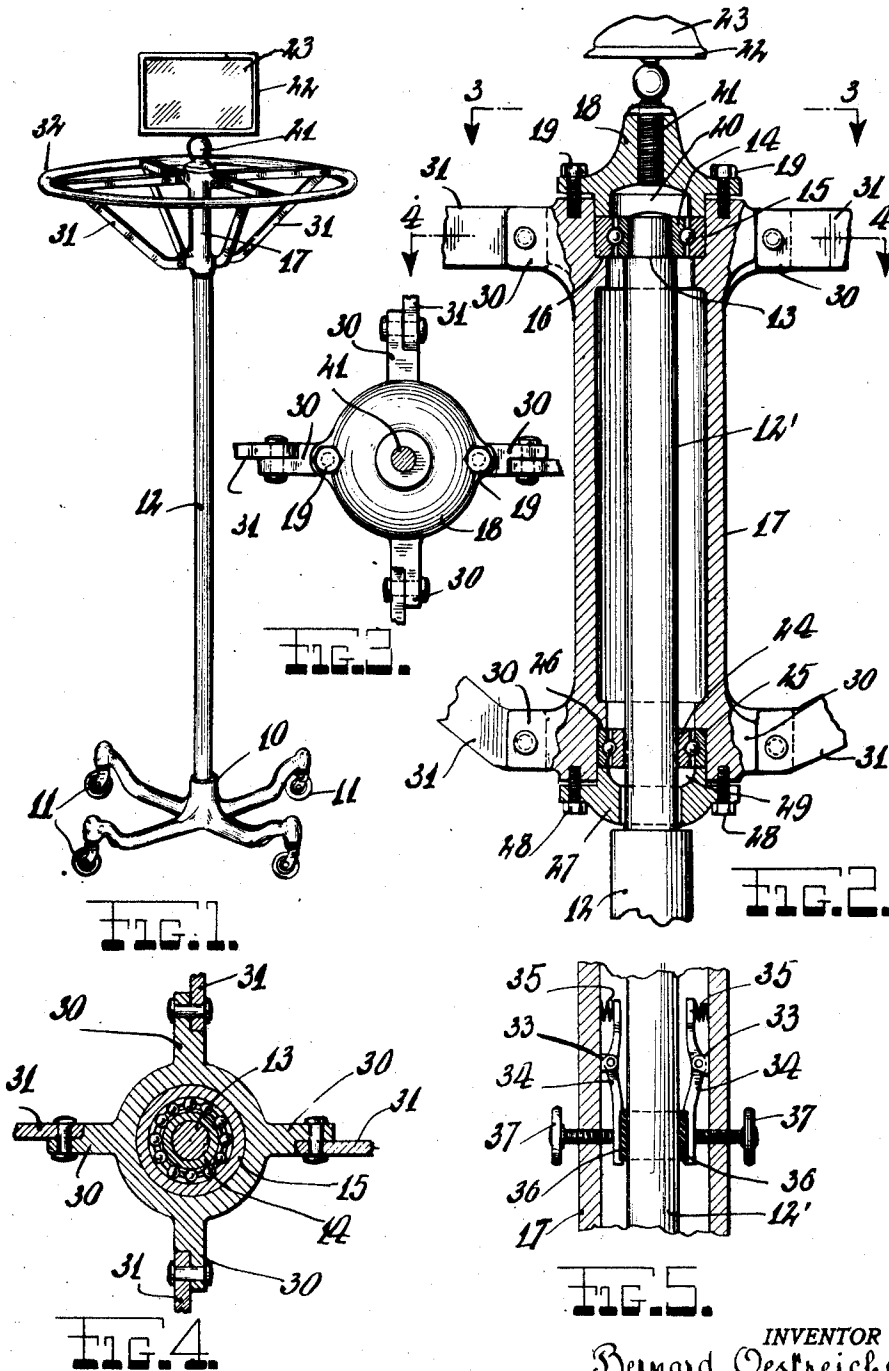
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GARMENT RACK

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GARMENT RACK.

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This invention relates generally to clothes supporting devices, and has more particular reference to a novel clothes or garment rack.

The invention has for an object, the provision of a clothes rack of sturdy construction which can be conveniently used, and which is not likely to be quickly worn out.

The invention has for a further object, the provision of a clothes rack which can be manufactured and sold at a reasonable cost.

For further comprehension of the invention and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claims in which the various novel features of the invention are more particularly set forth.

Referring to the accompanying drawing, forming a material part of this disclosure, Fig. 1 is a perspective view of a clothes rack constructed according to this invention.

Fig. 2 is an enlarged, fragmentary, partly sectional view of the top portion thereof.

Fig. 3 is a horizontal sectional view, taken on the line 3—3 of Fig. 2.

Fig. 4 is a horizontal sectional view, taken on the line 4—4 of Fig. 2.

Fig. 5 is a fragmentary portion of the view shown in Fig. 2, with a modification applied thereto.

The reference numeral 10 indicates generally a base bracket provided with a plurality of castors 11. A rod 12 is perpendicularly supported on the base bracket 10, and has a reduced portion 12' near its upper end, formed with a shoulder 13 near the very top thereof. The inner race 14 of a ball bearing is forced onto the top and against the shoulder 13, while the outer race 15 is clamped against a shoulder 16 in the top portion of a tubular body 17, by means of a cover member 18 secured to the top of tubular body 17 by the screws 19.

The cover member 18 is formed with a bottom opening 20 fillable with grease to lubricate the adjacent ball bearing. A stud 21 engages in the top of the cover member 18, and connects with a frame 22 adapted to support a display sign 23. A second inner race 24 of a ball bearing is positioned on the reduced portion 12' with its coacting outer race clamped against a shoulder 26 in the bottom portion of the tubular body 17, by means of a bottom cover member 27 secured

to the bottom of the tubular body by the screws 28. This bottom cover member 27 is formed with an opening 29 fillable with grease to lubricate the adjacent ball bearing.

Projecting from near the top and from near the bottom of the tubular body 17, are a plurality of projections 30, adapted to engage one end each of a plurality of support arms 31, having their outer ends attached to a circular clothes rack 32.

Clothes, such as dresses, on suitable customary hangers, not shown on the drawing, may be suspended from the circular rack 32, and this rack may be turned on the ball bearings to permit of examination of the clothes without walking around the rack. Generally speaking, the clothes on the rack are not evenly distributed about its circumference, causing a great bending strain on the rack. The length of the tubular member 17, and the lower ball bearing, coact to distribute this strain along the length of the rod 12', thus increasing the resistance of the clothes rack.

The modification illustrated in Fig. 5 discloses standards 33 projecting from the interior of the tubular member 17, hingedly supporting levers 34 intermediate of their ends, one end of each of the levers being normally urged towards the rod 12' by springs 35, and the other end of each lever being therefore urged away from the rod 12'. The end of each lever that is urged away from the rod 12' is provided with a rubber gripping member 36, capable of abutting the rod 12' when forced thereagainst by screws 37 threadedly engaged through the side of the tubular member 17. When the screws 37 are turned so that the springs 35 move the rubber gripping members 36 from the rod 12', then the rack 32 is free to turn, but the rack 32 may be locked against rotation by turning the screws 37 so that members 36 engage the rod 12'.

While I have illustrated and described the preferred form, construction, and arrangement of the several elements employed, it will be understood that the device is nevertheless, susceptible of considerable modification therein, and I therefore reserve the privilege of resorting to all such changes as may be fairly embodied within the spirit and scope of the invention as claimed.

Having thus described my invention, what

I claim as new and desire to secure by United States Letters Patent is:

1. A clothes rack, comprising a base bracket, a rod perpendicularly supported thereon, and having a reduced portion near its upper end, formed with a shoulder near the very top thereof, a ball bearing having its inner race forced onto the top and against the shoulder, a tubular body member provided in the top portion thereof with a shoulder, a top cover member clamping the outer ball race to the last mentioned shoulder, screws securing the top cover to the tubular body, a second ball bearing having its inner race positioned on the said reduced portion of the rod, the tubular body member being formed with a second shoulder in the bottom portion thereof, a bottom cover member clamping the outer race of the second ball bearing to the second shoulder of the tubular member, screws securing the bottom cover member to the tubular member, a plurality of projections from the top and bottom of the tubular member, support arms secured thereto, and a circular clothes rack secured to the support arms.

2. A clothes rack, comprising a base bracket, a rod perpendicularly supported thereon, and having a reduced portion near its upper end, formed with a shoulder near the very top thereof, a ball bearing having its inner race forced onto the top and against the shoulder, a tubular body member provided in the top portion thereof with a shoulder, a top cover member clamping the outer ball race to the last mentioned shoulder, screws securing the top cover to the tubular body, the top cover member being adapted to support a frame and display sign, a second ball bearing having its inner race positioned on the same reduced portion of the rod, the tubular body member being formed with a second shoulder in the bottom portion thereof, a bottom cover member clamping the outer race of the second ball bearing to the second shoulder of the tubular member, screws securing the bottom cover member to the tubular member, a plurality of projections from the top and bottom of the tubular member, support arms secured thereto, and a circular clothes rack secured to the support arms.

3. A clothes rack, comprising a base bracket, a rod perpendicularly supported thereon, and having a reduced portion near its upper end, formed with a shoulder near the very top thereof, a ball bearing having its inner race forced onto the top and against the shoulder, a tubular body member provided in the top portion thereof, with a shoulder, a top cover member clamping the outer ball race to the last mentioned shoulder, screws securing the top cover to the tubular body, a second ball bearing having its inner race positioned on the said reduced

portion of the rod, the tubular body member being formed with a second shoulder in the bottom portion thereof, a bottom cover member clamping the outer race of the second ball bearing to the second shoulder of the tubular member, screws securing the bottom cover member to the tubular member, the top and bottom cover members being formed with open spaces adapted to house grease to lubricate the ball bearings, a plurality of projections from the top and bottom of the tubular member, support arms secured thereto, and a circular clothes rack secured to the support arms.

4. A clothes rack, comprising a base bracket, a rod perpendicularly supported thereon, and having a reduced portion near its upper end, formed with a shoulder near the very top thereof, a ball bearing having its inner race forced onto the top and against the shoulder, a tubular body member provided in the top portion thereof with a shoulder, a top cover member clamping the outer ball race to the last mentioned shoulder, screws securing the top cover to the tubular body, a second ball bearing having its inner race positioned on the said reduced portion of the rod, the tubular body member being formed with a second shoulder in the bottom portion thereof, a bottom cover member clamping the outer race of the second ball bearing to the second shoulder of the tubular member, screws securing the bottom cover member to the tubular member, a plurality of projections from the top and bottom of the tubular member, support arms secured thereto, a circular clothes rack secured to the support arms, and means for releasably holding the circular clothes rack against rotation.

5. A clothes rack comprising a base bracket, a vertical rod mounted on said bracket, a rack proper comprising a tubular member on the upper extremity of said rod, upper and lower ball race elements mounted on said rod within said tubular member, upper and lower ball race elements disposed in recesses in the upper and lower extremities of said tubular member, caps clamped on the upper and lower extremities of said tubular member and engaging the ball race elements thereof for clamping the same in said tubular member in registration with the ball race element of said rod, and ball bearings disposed in registering grooves in said ball race elements for rotatively mounting said tubular member on said rod, said ball race elements and said ball bearings being adapted to space the inner surface of said tubular member apart from the surface of said rod.

6. A clothes rack comprising a base bracket, a vertical rod mounted on said bracket, a rack proper comprising a tubular member on the upper extremity of said rod, upper and lower ball race elements mounted

on said rod within said tubular member, upper and lower ball race elements disposed in recesses in the upper and lower extremities of said tubular member, caps clamped on the upper and lower extremities of said tubular member and engaging the ball race elements thereof for clamping the same in said tubular member in registration with the ball race element of said rod, ball bearings disposed in registering grooves in said ball race elements for rotatably mounting said tubular member on said rod, said ball race elements and said ball bearings being adapted to space the inner surface of said tubular member apart from the surface of said rod, means for retarding rotation of said tubular member relative to said rod comprising levers pivotally mounted on said tubular member and disposed in the space between the inner surface thereof and said rod, pads attached to said levers for frictionally engaging said rod, and thumb screws screwthreaded in apertures in said tubular member and engaged with said levers for forcing said pads against said rod.

In testimony whereof I have affixed my signature.

BERNARD OESTREICHER.