June 8, 1948. A. J. PEQUET 2,442,934

DISPLAY RACK FOR ROLLS

Filed June 24, 1946

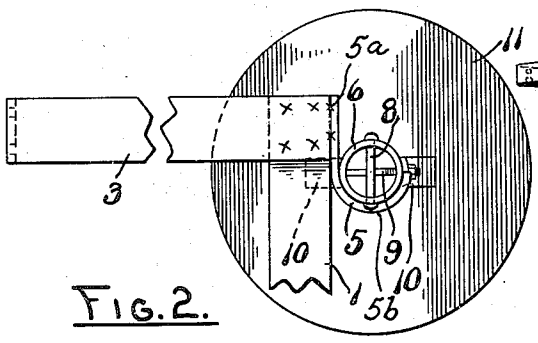


FIG. 2.

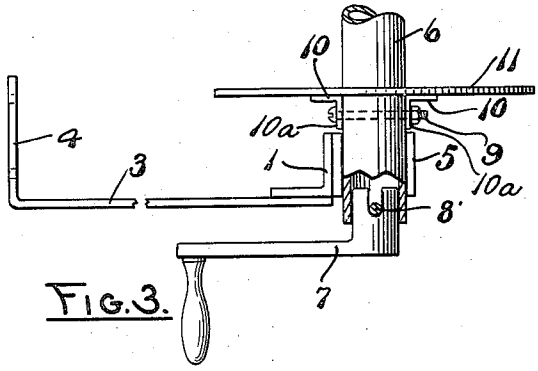


FIG. 3.

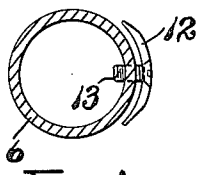


FIG. 4.

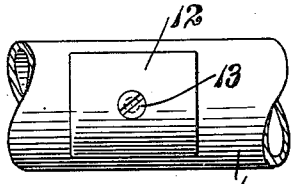


FIG. 5.

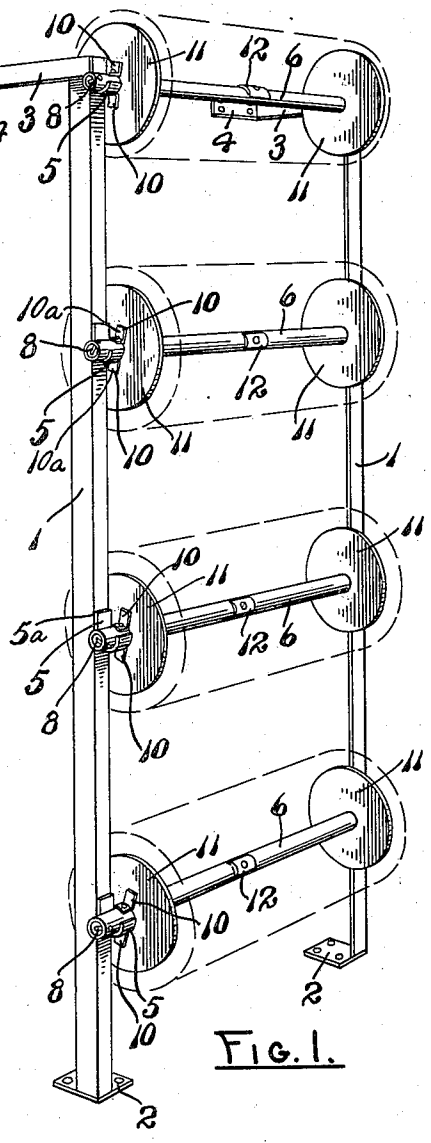


FIG. 1.

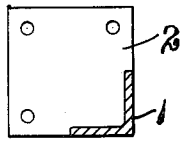


FIG. 6.

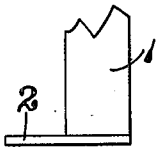


FIG. 7.

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DISPLAY RACK FOR ROLLS

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6 Claims. (Cl. 242—55.3)

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This invention relates to a display fixture upon which fabric or like materials which are rolled in rolls about a central rod or core may be held and displayed, and unrolled as much as may be needed for severing portions thereof upon sales.

It is a primary object and purpose of the present invention to provide a structure of rack for the purpose stated which is light in weight, very strong and durable, economically manufactured and readily installed in its place of use. The invention may be understood from the following description taken in connection with the accompanying drawings, in which

Fig. 1 is a perspective view of the rack in operative position.

Fig. 2 is a fragmentary upper end side elevation.

Fig. 3 is a fragmentary plan view at one end of the rack with some parts shown in horizontal section.

Fig. 4 is an enlarged transverse section through the lower spindle or core.

Fig. 5 is a fragmentary enlarged elevation thereof, at its central position.

Fig. 6 is a horizontal section a short distance above the lower end of one of the side supporting standards.

Fig. 7 is a fragmentary side elevation thereof.

Like reference characters refer to like parts in the different figures of the drawing.

In the construction of the rack embodying my invention, two spaced parallel standards 1 of desired heighth are provided, being of a well known commercial form of metal known as angle iron, having two flanges or legs located at right angles to each other. At the lower end of each standard an attaching foot plate 2 is welded or otherwise permanently secured, having openings for the passage of screws or the like for floor connection. At the upper end of each standard and at its outer side a flat bar 3, positioned in a vertical plane, is spot welded at its front end to the rearwardly extending flange of each of the standards 1, extending to the rear therefrom and terminating in an inwardly bent section or leg 4 which has openings therein for the passage of screws other fastenings for securing to a vertical wall of a store or other place where the rack is installed.

At the front side of the other flanges or legs of the standards 1, substantially U-shaped sockets 5 have inner longer legs 5a bearing against the standards and spot welded or otherwise permanently secured in place and outer

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upwardly curved portions 5b. The sockets or bearings 5 are spaced vertically in the length of each standard from each other and are associated in pairs on the two standards.

The fabric or other material roll holder has a central core 6 of metal in tubular form each of which may be independently turned about its longitudinal axis by a crank 7 having a socket insertable in an end of a tubular core 6 and slotted to engage a transverse pin 8 which extends diametrically through near an end or each end of each of the tubular cores 6, being permanently connected by riveting over the ends of the pin.

A short distance inward from each end of each tubular core 6, a bolt 9 extends diametrically through each of the cores and is used for connecting two angle clips 10 each having an outwardly extending leg 10a, one at each end of each bolt at opposite sides of the core so that the clips extend outwardly from each other. A disc 11 of metal having a central opening for the passage of the core is welded to each of the two clips at a short distance from each end of each core 6, thereby providing end guards for the ends of a roll of fabric or the like rolled upon a core 6. The inner end of the fabric roll is inserted underneath one side of a curved retaining member or clamp 12, best shown in Figs 4 and 5, through which a screw 13 passes and is threaded into and through a wall of the tubular core 6. Tightening the screw will force the clamp against an end portion of a length of fabric or the like, after which it may be rolled upon the core and held at its ends between the discs 11.

The construction described is very practical and economical to build, strong, of relatively light weight and will support several rolls of material, one above the other, the total weight of which is large. From any roll, portions may be cut upon sales being made, the material being unrolled and drawn outwardly and again rolled up after having been unrolled very quickly and easily. The installation is made in a very short time without the necessity of employing skilled labor.

The invention is defined in the appended claims and is to be considered comprehensive of all forms of structure coming within their scope.

I claim:

1. A display rack structure comprising, two vertical supporting standards, spaced socket members secured at the outer sides of each standard,

each of said socket members comprising a length of flat metal having a vertical leg located against the standard and secured thereto and from the lower end of each leg and outwardly and upwardly curved socket portion, a tubular core extending between each of the pairs of oppositely located socket members on said standards rotatably mounted thereon, bolts extending through each core located adjacent but within the inner sides of the standards, angle clips secured to said cores by said bolts having outwardly extending legs, and disks having central openings through which the cores pass connected at the inner side of said legs of the clips.

2. A structure as described comprising, spaced metal standards of angle form having front flanges extending toward each other and flanges at the outer edges of the front legs extending rearwardly therefrom, metal sockets connected at the front sides of said standards in spaced relation to each other and arranged in horizontal pairs on said standards, metallic tubular cores rotatably mounted upon and carried by said pairs of sockets adjacent the ends of the cores, metal disks through which the cores pass located two on each core and at a short distance within each of said standards, and means for securing said disks to the cores.

3. A construction as defined in claim 2 and a curved clamp located at the outer side of each core between its ends, and a screw passing through said clamp threaded through the core and adjustable thereon to move the clamp body with respect to its core.

4. A display rack comprising, two spaced apart vertical standards of angle form each having a front flange and a rearwardly extending flange,

said front flanges being located in the same vertical plane and extending toward each other, core holding sockets secured at the front side of each of the front legs of the standard in spaced relation to each other lengthwise of each standard and in pairs on said standards, a tubular metal core rotatably mounted adjacent its ends and carried by each pair of said socket members, two metal disks on each of said cores having central openings for the passage of the core, clips permanently connected to the outer side of said disks, and bolts passing through the clips and cores for detachably securing the disks to the cores.

5. A construction as defined in claim 4, and a pin extending diametrically through each of said cores closely adjacent one end thereof and permanently secured thereto.

6. A construction as defined in claim 4, horizontal floor attaching plates permanently connected to the lower ends of said standards, and a flat metal bar secured at the outer side of the rearwardly extending flange of each standard and extending rearwardly therefrom, each having a leg at its inner end located at right angles thereto, the legs of said bars extending toward each other.

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REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
1,922,892	Holleman	Aug. 15, 1933
1,956,523	Brooks	Apr. 24, 1934