H. P. MEEKS.

DISPLAY RACK.

APPLICATION FILED MAY 14, 1908.

907,262. Patented Dec. 22, 1908.

Fig. 1.

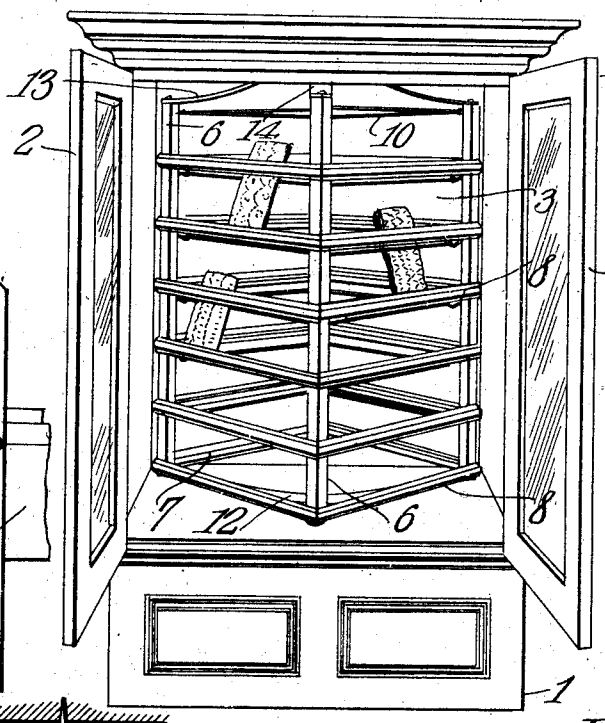
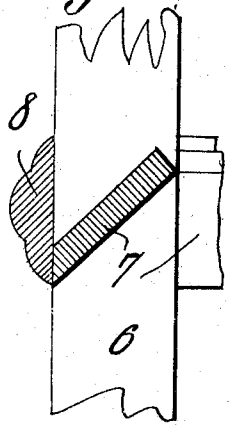


Fig. 4.



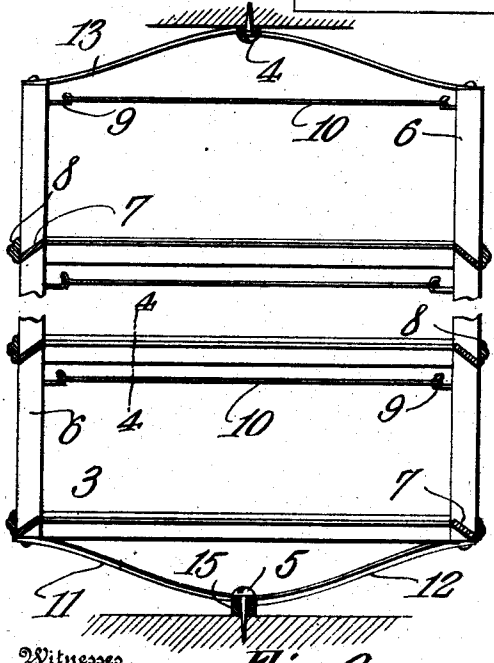
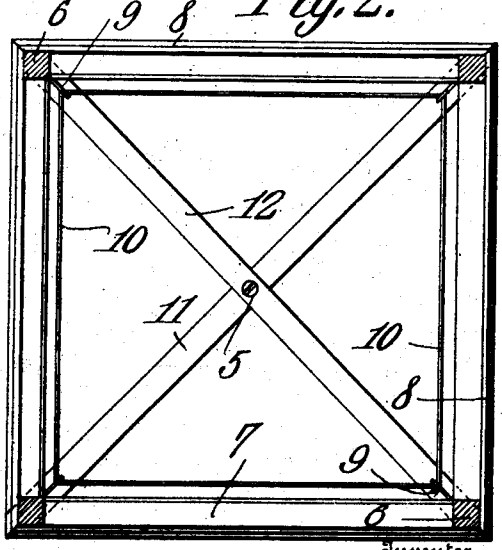


Fig. 3.

Fig. 2.



Witnesses

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DISPLAY-RACK.

No. 907,262. Specification of Letters Patent. Patented Dec. 22, 1908.

Application filed May 14, 1908. Serial No. 432,928.

To all whom it may concern:

Be it known that I, HOMER P. MEEKS, a citizen of the United States, residing at Hale, in the county of Carroll and State of Missouri, have invented a new and useful Display-Rack, of which the following is a specification.

This invention relates to display cases; and has for one object to provide a suitable cabinet or case with glazed doors within which is a rotatable polygonal reel mounted on a vertical axis and provided with means for supporting at a suitable angle a quantity of merchandise, such as lace, which will be visible through the glazed doors of the cabinet.

Another object of the invention relates to the rotatable polygonal reel, its construction and support within the cabinet, whereby a large number of pieces of material can be stored and exposed in a small space, and the reel easily revolved to bring all of its sides in turn to the front so that any piece of merchandise thereon may be quickly removed and replaced without disturbing the other pieces.

With these and other objects in view, the invention consists of the novel construction, combination and arrangement of parts hereinafter described and claimed, and illustrated in the accompanying drawings, in which;

Figure 1 is a perspective view of the cabinet with the doors open. Fig. 2 a horizontal sectional view of the reel; Fig. 3 a transverse vertical sectional view of the top and bottom of the same, and Fig. 4 an enlarged detail view in section on the line 4—4 of Fig. 3.

Similar reference numerals are used for the same parts in all the figures.

In the drawing, the numeral 1 indicates a case or cabinet which may be square, circular or of any other suitable form in cross section having within, a flat horizontal top and bottom, and provided with doors 2 hinged or otherwise secured thereon.

Within the case 1 is a reel 3 mounted on an upper pivot 4 and a lower pivot 5 and therefore capable of being revolved at pleasure. The reel 3 is polygonal in form, the number of sides depending on the nature of the goods to be displayed and other reasons, but for the purpose of illustration, the reel here shown is square in cross section and is constructed with four vertical corner posts 6 joined together at each side of the reel by a number of vertically spaced strips 7, as wide as the posts, mortised at their ends into said posts and horizontally disposed in a longitudinal direction, but downwardly inclined from within outwardly. In front of each strip or shelf 7 is a horizontal facing strip 8 fastened at its ends to the posts 6 and ornamented by beading or otherwise on its outer exposed surface. The width of the facing strips 8 is greater than the thickness of the outer edges of the transversely inclined strips or shelves 7 and extends above them to form guards or pockets that prevent anything placed on the shelves from falling off. The lowermost facing strips 8 and shelf strips 7 are preferably at the bottom of the corner posts 6, the latter however preferably project above the topmost strips for a distance slightly greater than the vertical distance between any two shelves 7.

Projecting from the inner angle of each corner post 6 toward the axis of the reel are screw hooks or eyes 9, or other suitable means for supporting wire cords, rods, or other devices 10 above the shelves and a short distance within the reel. Goods to be displayed are placed with one edge on the shelf 7 and lean inwardly at an angle against the wire or other support 10, as represented in Fig. 1. The facing strips 8 prevent the pieces of goods falling off the shelves in an outward direction, while the inclination of the shelves holds said goods against inward movement.

Flat arc-shaped metal strips 11 and 12 are fastened at their ends to the lower ends of diagonally opposite posts 6 and cross each other at right angles. The metal strips are downwardly curved and perforated at their intersection, in the axis of the reel, for the pivot 5 projecting upwardly from the bottom of the case 1. Similar metal strips 13 and 14, but preferably of thinner gage and curved upwardly are secured in like manner on the tops of the posts 6, and, through registering openings in said strips there projects downwardly the upper pivot 4 from the top of the case 1. The pivot pins 4 and 5, particularly the latter, may be formed by ordinary screws driven in place by a screw driver. A washer 15 is preferably placed between the bottom of the cabinet and the metal strips 11 and 12 to prevent wear of the former as the reel is turned.

The above described display case is designed more particularly for displaying laces

which are wound on pieces of card board or frames that can easily be stood on their ends on the shelves and inclined rearwardly so as to rest against the supporting wires or cords at some point above their centers of gravity.

What is claimed is:—

1. A polygonal reel for displaying merchandise, comprising vertical posts at each angle of said reel, vertically spaced horizontally disposed shelves having their upper surfaces incline downwardly in an outward direction, a facing strip on the outside of each shelf and a support above and to the rear of each shelf to uphold the goods to be displayed.

2. A polygonal reel for displaying merchandise, comprising vertical corner posts, vertically spaced horizontal shelves on each side, a facing strip on the front of each shelf extending above the same, a support above and to the rear of each shelf, and curved intersecting strips fastened to the upper and lower ends of said reel and having alined perforations for pivots on which the reel may rotate.

3. A polygonal reel for displaying merchandise, comprising vertical corner posts, vertically spaced horizontal shelves on each side of said reel, a facing strip on the front side of each shelf and projecting above the same, and a continuous support above each of said shelves and within said reel held in parallel relation to said shelves by means projecting inwardly from each corner post.

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

HOMER P. MEEKS.

Witnesses:
U. E. BEDELL,
E. G. MEEKS.