

F. S. WALTON AND R. SCHULTZ.
 DISPLAY RACK.
 APPLICATION FILED AUG. 27, 1920.

1,387,745.

Patented Aug. 16, 1921.

Fig. 1.

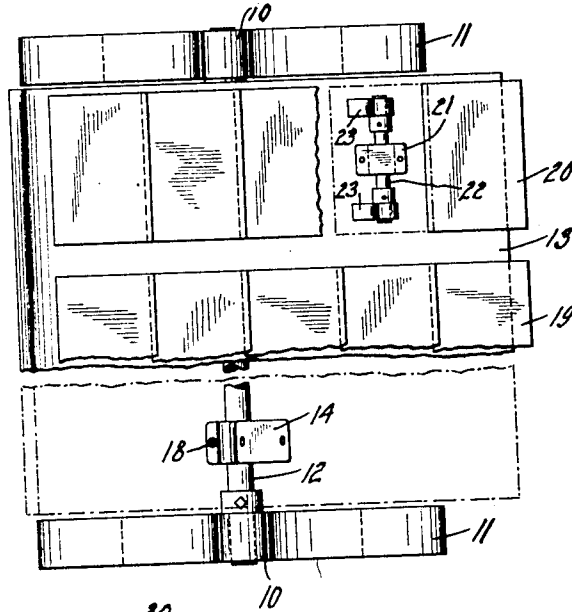


Fig. 3.

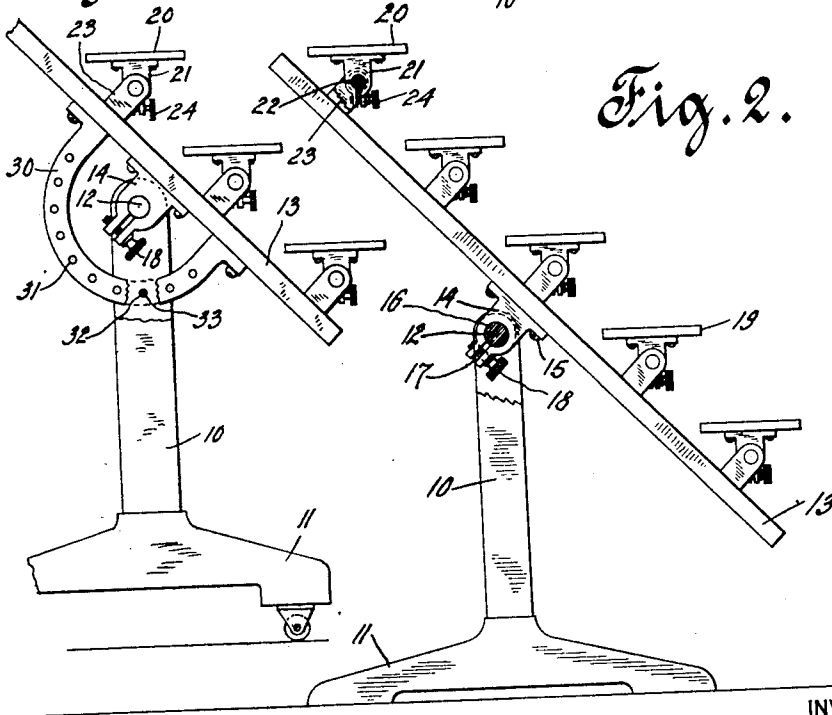


Fig. 2.

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DISPLAY-RACK.

1,387,745.

Specification of Letters Patent. Patented Aug. 16, 1921.

Application filed August 27, 1920. Serial No. 406,374.

To all whom it may concern:

Be it known that we, FRANK S. WALTON and REINHOLD SCHULTZ, citizens of the United States, and residents of the city of New York, in the counties of Bronx and New York, respectively, and State of New York, have invented certain new and useful Improvements in Display-Racks, of which the following is a specification.

The present invention relates to improvements in display-racks, such as are used in exhibiting merchandise in show-cases or show-windows.

The main object of the invention is to provide a rack, including a plurality of supporting members or shelves which are independently adjustable and also shiftable, as a whole, around or upon a standard carrying the same.

Another object of the invention is to provide a rack of the character mentioned, which is simple in construction, efficient in operation and which is capable of manufacture on a commercial scale, or in other words one which is not so difficult to produce as to be beyond the reasonable cost of such a contrivance.

With these and other objects in view, which will more fully appear as the nature of the invention is better understood, the same consists in the combination, arrangement and construction of parts hereinafter described, pointed out in the appended claim and illustrated in the accompanying drawings, it being understood that many changes may be made in the size and proportion of the several parts and details of construction within the scope of the appended claim, without departing from the spirit or sacrificing any of the advantages of the invention.

Two of the many possible embodiments of the invention are illustrated in the accompanying drawings, in which:—

Figure 1 is a top view of a display-rack constructed in accordance with the present invention, portions of certain elements being broken away in order to more clearly show the construction of other elements thereof; Fig. 2 is a side elevation, partly in section, of the same; and Fig. 3 is a side elevation of a modification of the invention.

Referring now first to Figs. 1 and 2 of the drawings, the rack comprises two parallel standards 10, made integral with, or attached to, heavy bases 11. The upper ends

of the standards are connected by a horizontally extending bar 12, upon which is oscillatably mounted a shelf-support 13, preferably in the form of a plate member of any suitable material. The connection between the bar 12 and support 13 is made by two or more blocks 14, which are rigidly fastened to the underface of the support 13, for instance, by means of screws 15. Through these blocks extend cylindrical horizontally disposed holes 16, in which the bar 12 is seated, the latter being also cylindrical, thereby permitting of a shifting of the support 13 around the said bar. Each block is split at 17, the split extending from the hole 16 to the lower face of the block, and through the said split portions extends a clamping screw 18, serving to hold the block in any desired angular position in relation to the longitudinal axis of the bar 12.

Upon the support 13 are mounted rows of shelves 19, each shelf being independent of the others. Each of these shelves comprises a board 20, to the underface of which is fixedly attached a block 21, in engagement with a spindle 22, the latter extending horizontally and being secured to two legs 23. These legs extend from the upper face of the support 13 and are fastened to the said support in any suitable manner. The blocks 21 are similar in construction to the blocks 14 above referred to, and with each of the same is associated a clamping screw 24.

In use, the support 13 is shifted around the bar 12 into the desired position and the clamping screws 18 are screwed home, to hold the said support fixed. The shelves 19 may then be shifted around the spindles independently of each other as desired, to hold the articles to be displayed in the most favorable positions, their clamping screws 24 being screwed home after the shelves have been properly adjusted. It is essential to make these shelves adjustable independently of one another for the reason that the articles displayed do not at all times require the said shelves to be held in horizontal planes, but under different angles in relation to the upper face of the support 13.

The modification shown in Fig. 3 of the drawings differs from the one above described in that its mechanism, for adjustably clamping the support 13 to its stand, is so constructed that it may be applied to heavier structures. In this instance, the support 13 is oscillatably mounted upon the bar

12, and has fixedly attached to its underface two vertically extending braces 30. Each of these braces is provided with a plurality of holes 31, which are disposed on an arc of a circle, the center of which is located in the longitudinal axis of the bar 12. The holes are, preferably equidistantly disposed in the braces, and those in one brace registering with the holes in the other one. Each brace is disposed as close as possible to the respective standard 10, and each standard is provided with an aperture 32, with which the holes of the respective brace may be brought into alinement in succession.

15 The operation of this device is as follows: The support 13 is shifted around the bar 12 into the desired position, in which two registering holes in the two braces are brought into alinement with the apertures 32 in the standards. Through each brace and standard is then extended a peg 33, holding the support against movement. The shelves are then adjusted in the manner described in connection with Figs. 1 and 2 of the drawings.

25 It is obvious that, while herein specific means have been disclosed for clamping the shelves to their spindles and the support to its bar, others may just as well be used without departing from the invention, which lies

mainly in the provision of a shiftable support and a plurality of independently adjustable shelves on said support.

What we claim is:--

A display-rack comprising a stand, a horizontally extending cylindrical bar fixed thereto, a plate member, a plurality of split blocks fastened to the underface of said plate member having each a cylindrical horizontally disposed hole in which said bar is seated, a clamping screw extending through the split portion of each block for fixing said plate member in any adjusted position, a plurality of leg pairs projecting from the upper face of said plate member and fastened thereto, a horizontal spindle secured to each leg pair, a shelf-board associated with each spindle, a split block fixedly attached to the underface of each shelf-board having a horizontally disposed hole through which the respective spindle extends, and a clamping screw passing through the split portion of each of said last mentioned blocks.

Signed at New York, in the county of New York and State of New York this 10th day of July A. D. 1920.

FRANK S. WALTON.
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