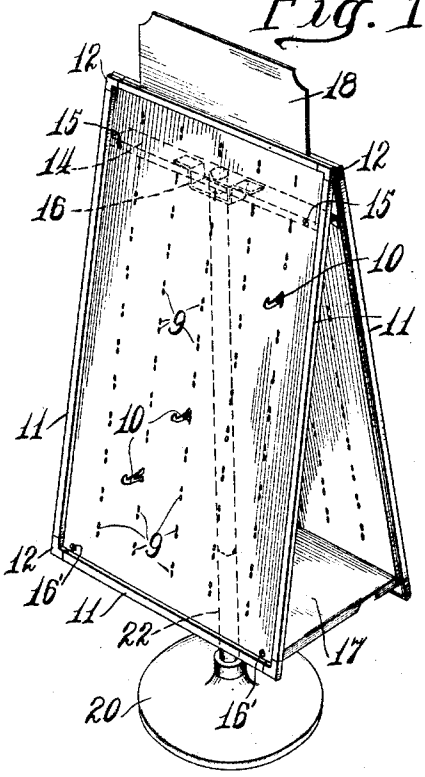
April 14, 1931. E. A. SUTCLIFFE 1,801,058

RACK

Filed Oct. 30, 1929

Fig. 1.



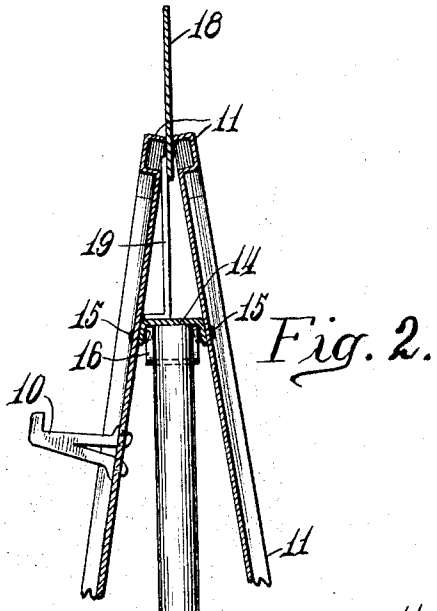


Fig. 2.

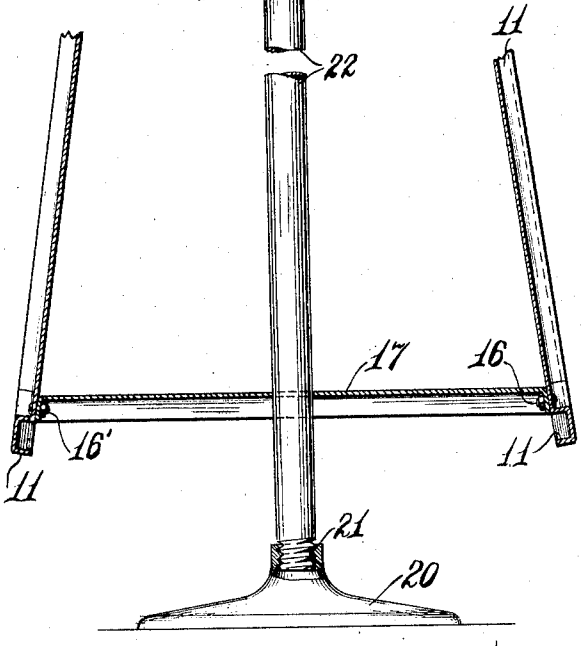


Fig. 3.

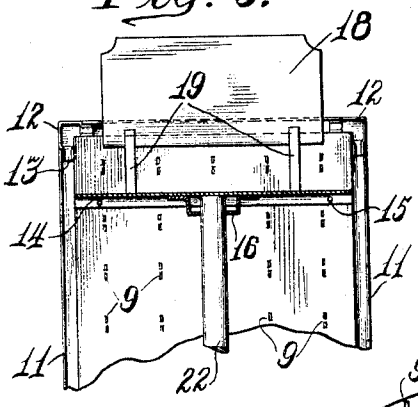
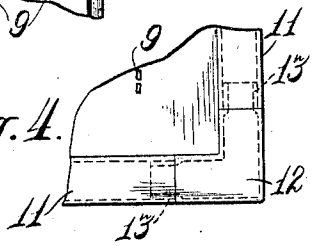


Fig. 4.



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Patented Apr. 14, 1931

1,801,058

UNITED STATES PATENT OFFICE

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RACK

Application filed October 30, 1929. Serial No. 403,516.

This invention relates in general to display devices, and more particularly to an improved rotatable rack having a plurality of panels or boards provided with supporting elements capable of variable disposition thereon and while the invention is illustrated and described as peculiarly suited as a means for displaying gaskets it will find a wide field of utility.

An object of the invention is to provide a rack, that is adapted to support articles, such as gaskets, for display on both sides thereof, and is arranged for rotation in a vertical plane, so that the gaskets on opposite sides may be viewed from a plurality of different positions.

Another object of the invention is to provide a rack that will occupy a relatively small space and may be easily knocked down and conveniently packed in a container for shipment.

Another object of the invention is to provide a display device characterized by the provision of cross braces adapted to fit different sized display boards, and interchangeable with standards of different suitable lengths for such different sizes of display boards, the standards being adapted to be conveniently secured in an interchangeable base provided therefor.

Another object of the invention is to provide a rack including display boards, provided with a plurality of openings, in which hooks are mounted and may be conveniently variably arranged for the suspension of articles, such as gaskets thereon.

Another object of the invention is to provide a gasket rack that may conveniently be stamped out of sheet metal and which is thus easy of manufacture and inexpensive in cost of production though it may be manufactured in other ways.

With the foregoing and such other objects in view, as will become apparent upon a perusal of the specification and claims, a preferred embodiment of the invention is illustrated in the drawing, in which:

Fig. 1 is a perspective view of the rack embodying the features of the invention.

Fig. 2 is a longitudinal vertical section through the rack.

Fig. 3 is a fragmental sectional view of the upper part of the rack.

Fig. 4 is an enlarged fragmental view of a display board showing the corner construction.

The display rack of the present invention consists of a plurality of hook carrying display boards, inclined outwardly from the top thereof and rotatably mounted on a standard disposed between said display boards.

The display board is preferably stamped from a piece of material such as, for example, sheet metal, bent to form integral channel re-enforcing members 11 at its edges, all terminating short of the corners to facilitate manufacture thereof.

A plurality of groups of complemental apertures 9 are provided preferably in pairs in each display board, to demountably receive hooks 10 and for permitting variable disposition of said hooks in spaced positions relatively to each other.

Corner filler members 12 are provided, to build up the parts of the display board adjacent to the corners, which, as pointed out above are not provided with an integral re-enforcing channel. The filler members 12 as best illustrated in Fig. 4 are right angular shaped and, are fashioned to channel cross section, of substantially the same external dimension and shape as the channels 11 of the display board and said filler members have their ends 13 reduced in external dimension, so as to fit within the channels 11 snugly, thus providing corner sections that are flush with the integral re-enforcing channels 11, and presenting a neat appearing display board. As both display boards are of substantially identical construction only one has been described.

An upper cross brace here shown in the form of a channel section 14, secures the display boards in angular spaced relationship; and, as illustrated in Figs. 1 to 3 of the drawings, machine screws 15 extend through apertures in the display board into threaded holes provided in the flanges of the channel 14. A guide 16 is provided formed of a bent plate,

having central opening, for receiving a supporting standard, said guide being secured to the lower side of the cross brace 14 in any suitable manner and substantially centrally thereof. A lower cross brace 17 extends between the display boards adjacent the bottom thereof and is formed with downwardly projecting flanges about its entire perimeter. The cross brace 17 is provided with a central opening in alignment with the central opening of the guide 16 through which openings a standard may be inserted. This lower cross member 17 is preferably secured to the side display boards by machine screws 16 or the like and is disposed above the lower re-enforcing channels of said side display boards.

It is to be noted here that the side display boards may be of any length desirable and that the same upper and lower cross brace are used, the only difference being that should the side boards be longer than here shown the lower cross brace will be a greater distance from the lower edge of said board.

A sign board 18 is provided for placing such identification or advertising matter thereon as desired, and extends upwardly between and beyond the upper edges of the side display boards.

Spaced legs 19 support the sign board 18 in position and have their lower ends bent at substantially right angles thereto, said ends being secured to the cross member 14 in any suitable manner.

The standard base 20, preferably relatively heavy and relatively large in diameter, has a threaded bore 21 into which a standard 22 threadedly engages. This standard is adapted to extend upwardly through the openings in the lower cross brace 17 and into the guide 16 through an opening provided therein to support the rack in upright position, and since said standard is loosely fitted in the opening it affords easy rotation of the display boards thereabout.

Since it is contemplated to employ the same cross braces, hooks and other parts for display boards of different lengths, the upper and lower cross braces are detachably connected thereto, and they are adapted to fit any of a plurality of lengths of display boards, it only being necessary to use a standard of increased or decreased length depending upon the size of the display boards used.

It will be obvious that the display rack provided is very simple, may be easily knocked down for shipment and that its parts are interchangeable, to suit different sizes of display boards.

I claim:

1. A display rack including a pair of angularly disposed display boards having their upper edges juxtaposed, a cross brace extending between and secured adjacent the tops of said display boards, and a standard between and supporting said display boards, the upper end of which standard supports said cross brace.

2. A display rack including a plurality of angularly and rotatably disposed display boards having outwardly projecting integral re-enforced edges extending short of the corners and non-integral re-enforcing corner members, an upper cross brace extending between and secured adjacent the top of said display boards, a lower cross brace having a central opening and extending between and secured adjacent the bottom of said display boards, a guide having an opening in axial alignment with the opening in said lower cross brace and secured to said upper cross brace and a supporting standard extending through said openings into said guide.

3. A display rack including a plurality of angularly and rotatably disposed display boards having outwardly stamped re-enforcing channels extending short of the corners thereof and re-enforcing corner channel members fitted into and flush with said re-enforcing channels, an upper cross brace extending between and secured adjacent the top of said display boards, a lower cross brace having a central opening and extending between and secured adjacent the bottom of said display boards, a guide having an opening in axial alignment with the opening in said lower cross brace and secured to said upper cross brace and a supporting standard extending through said openings into said guide.

In testimony whereof I affix my signature at Chicago, Illinois.

EDWIN A. SUTCLIFFE.