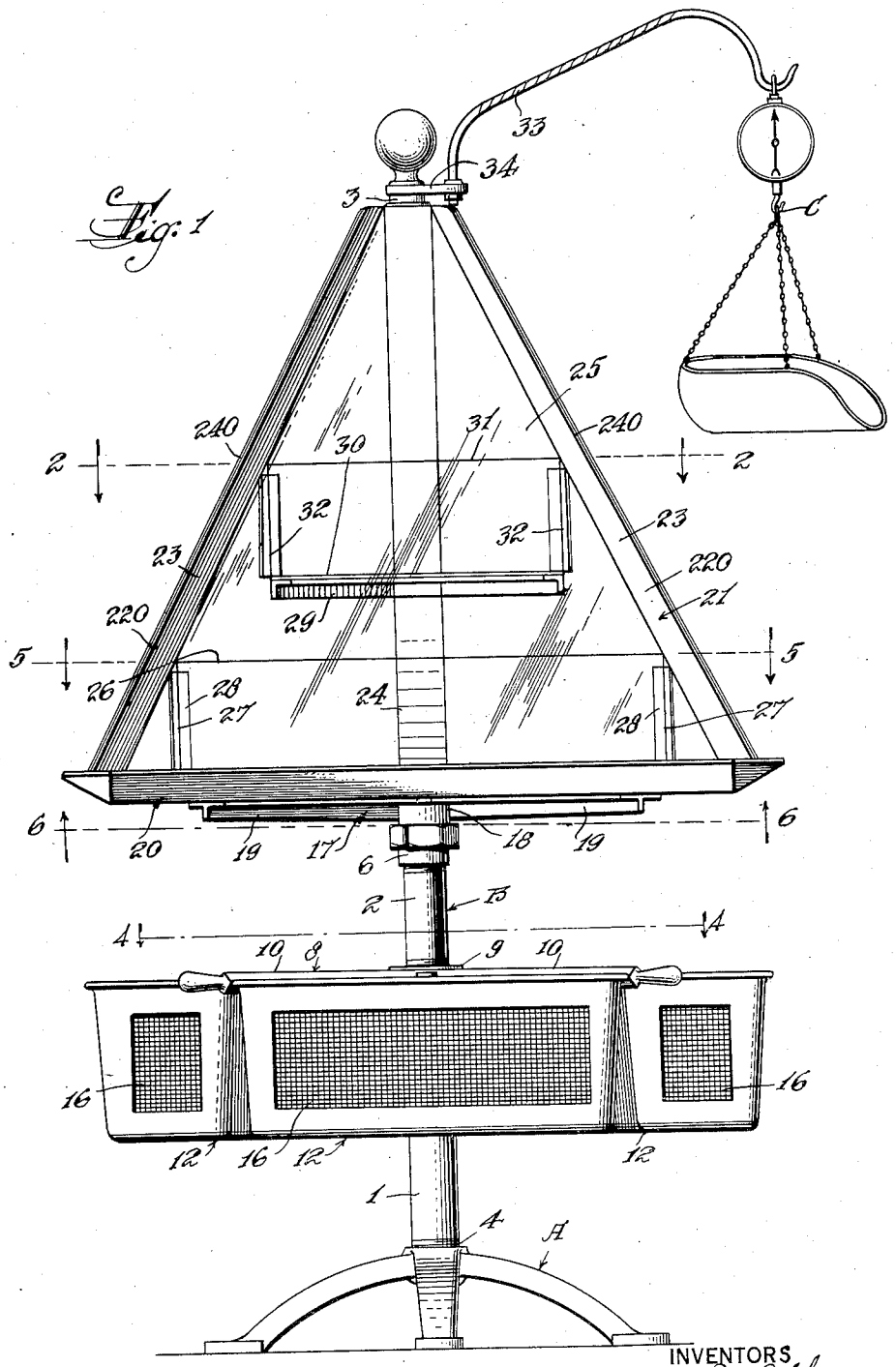
Oct. 16, 1934. D. J. OFFERY ET AL 1,977,400

DISPLAY STAND

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Fig. 1



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DISPLAY STAND

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Fig. 2

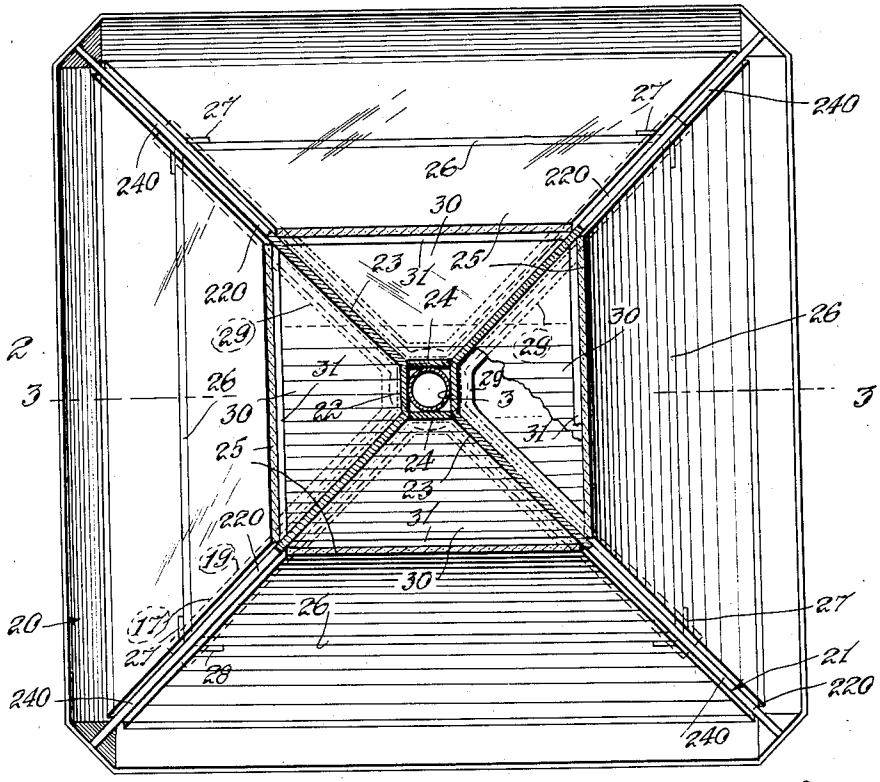
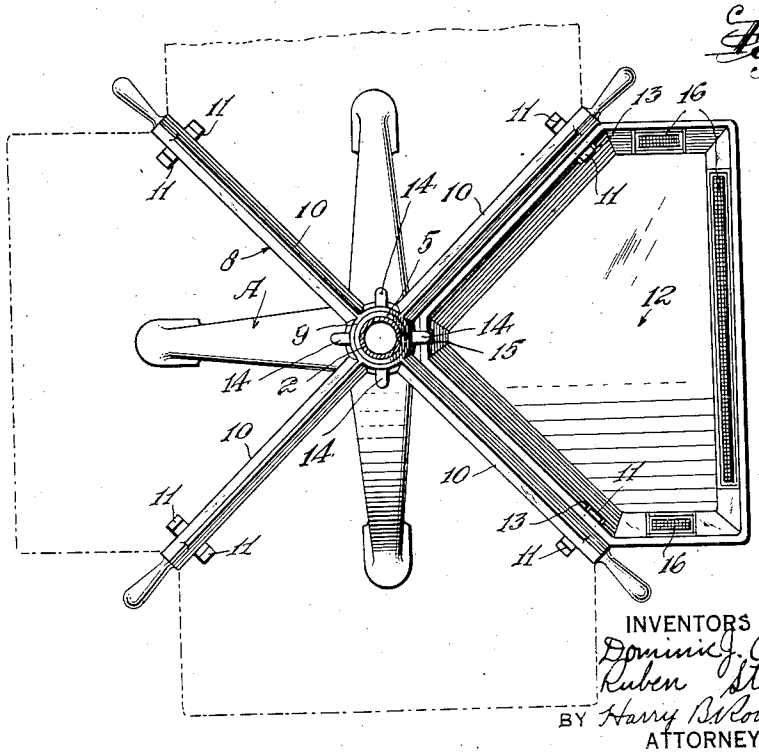


Fig. 4



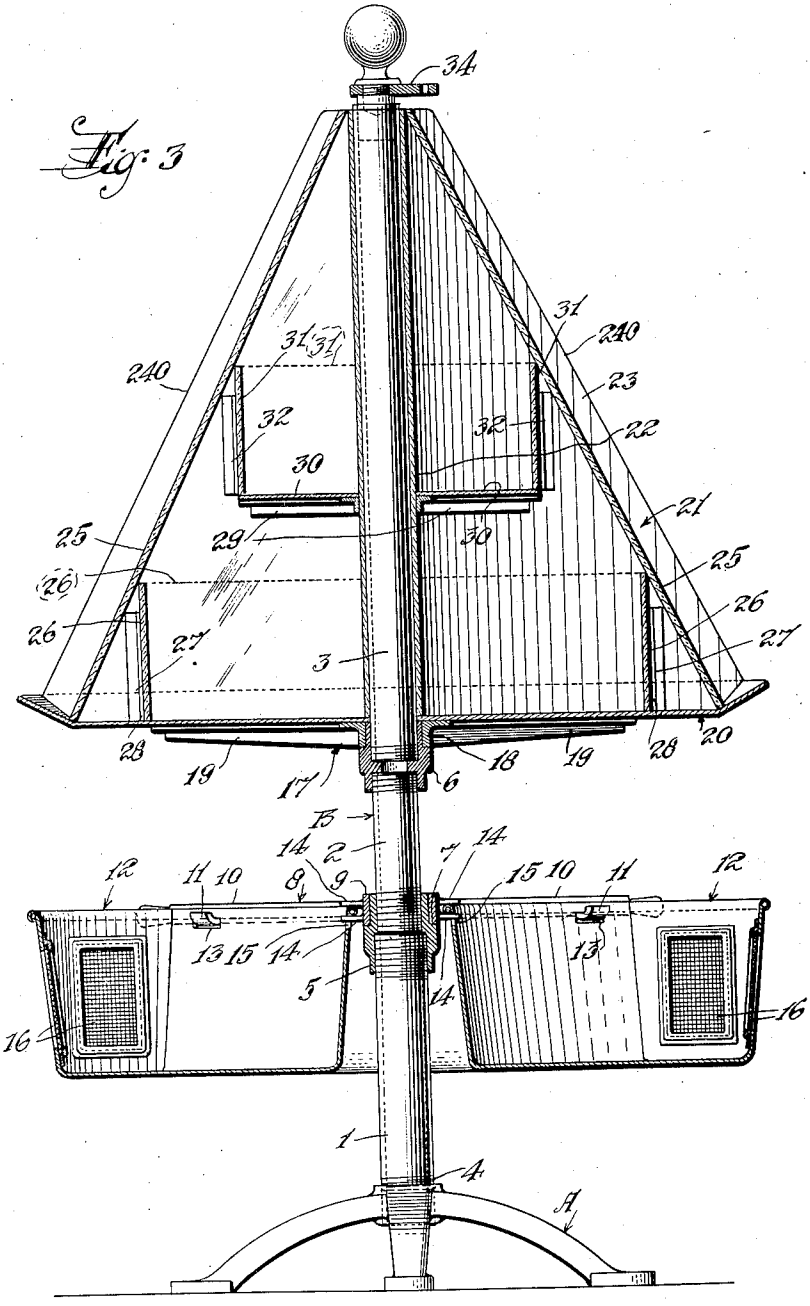
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Fig. 3



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DISPLAY STAND

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Fig. 5

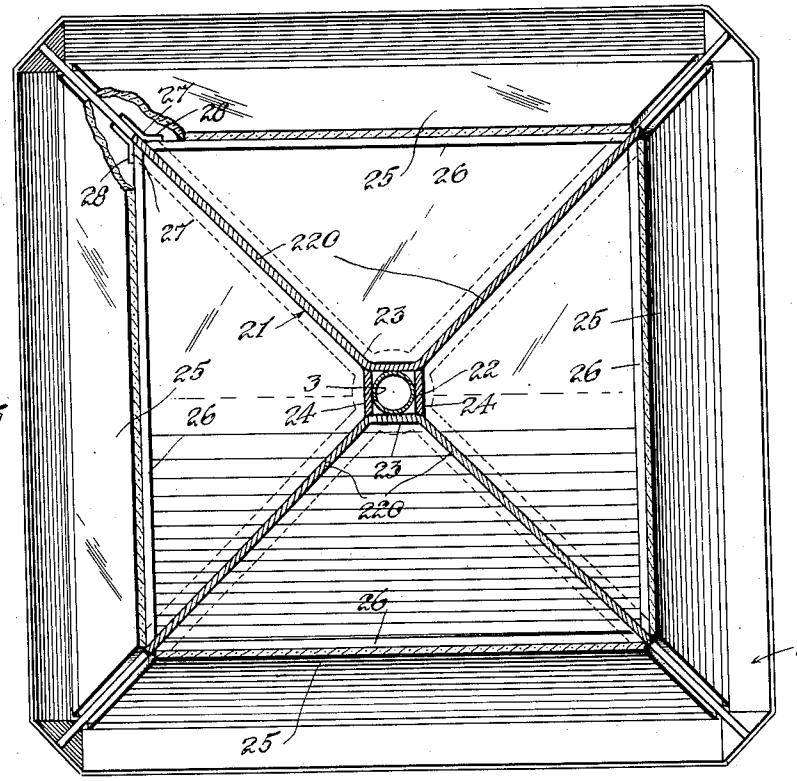
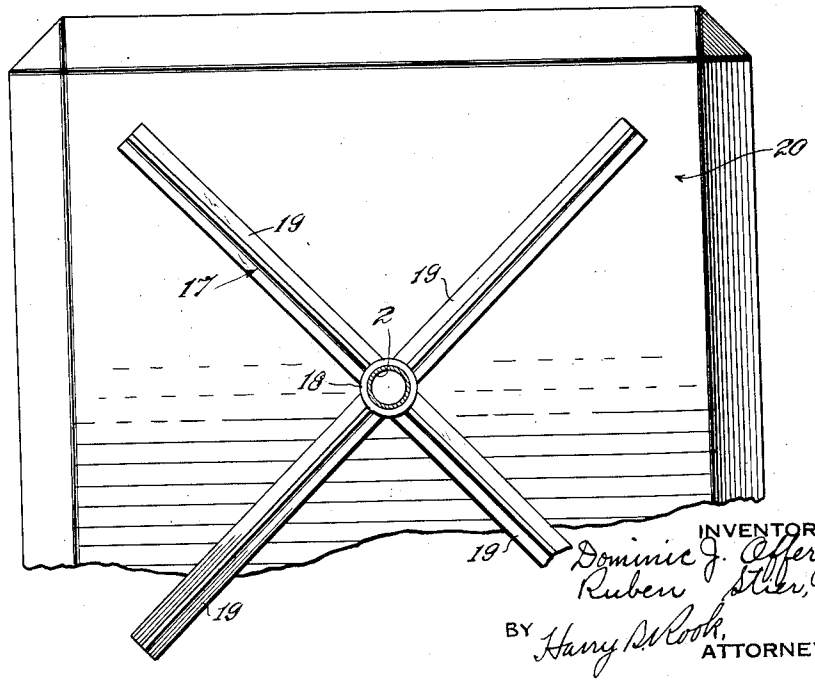


Fig. 6



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DISPLAY STAND

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Application January 3, 1933, Serial No. 649,828

4 Claims. (Cl. 211—131)

This invention relates in general to display stands, and more particularly to a display stand especially for use in displaying fruits, vegetables and the like in an attractive and sanitary manner.

One object of the invention is to provide a display stand including a vertical standard and novel and improved means for separably mounting article supports or receptacles thereon, whereby said supports or receptacles can be easily and quickly mounted upon and removed from the stand for any desired purpose.

A further object is to provide a display stand of the character described including a vertical support or standard and novel and improved article retaining trays, shelves or receptacles whereby different kinds of articles can be easily and attractively arranged in assorted relation on said display stand.

Other objects are to provide such a display stand including a novel and improved construction and combination of article retaining trays, shelves or receptacles arranged in vertically spaced superposed relation on a vertical standard or support, whereby a large quantity of articles can be arranged in a minimum of floor or counter space; to provide a display stand of this character including a vertical standard, a tray mounted coaxially thereon, and a novel and improved vertical spacer or partition member for dividing said tray into a plurality of article receiving compartments spaced horizontally in surrounding relation to said standard; to provide a novel and improved combination of such a spacer or partition member with vertically spaced trays, shelves or receptacles for holding a plurality of articles; and to obtain other advantages and results as will be brought out by the following description.

Referring to the accompanying drawings in which corresponding and like parts are designated throughout the several views by the same reference characters,

Figure 1 is a side elevation of a display stand embodying our invention.

Figure 2 is a horizontal sectional view taken on the line 2—2 of Figure 1.

Figure 3 is a transverse vertical sectional view on the line 3—3 of Figure 2.

Figure 4 is a horizontal sectional view on the line 4—4 of Figure 1, some of the article receptacles being omitted.

Figure 5 is a similar view on the line 5—5 of Figure 1, and

Figure 6 is a horizontal sectional view on the line 6—6 of Figure 1.

Specifically describing the illustrated embodiment of the invention, our display stand includes a base A and a vertical standard B. Preferably the vertical standard comprises a plurality of pipe sections 1, 2 and 3, one of which is screw-threaded into the base A at 4 and the other two of which are connected in axial alinement with each other and the first section by couplings 5 and 6.

The coupling 5 has an annular shoulder 7 on which is rotatably mounted a horizontal bracket 8 which comprises a hub 9 surrounding the coupling, and a plurality of radiating arms 10 which are disposed in radial relation to the standard B, and on which are removably mounted receptacles, trays or supports 12. In the present instance there are four arms 10 and each arm has a laterally projecting horizontal hook 11 at each side thereof adjacent its free end. One article receptacle, tray or support 12 is arranged between each two adjacent arms 10 and has openings 13 in its side walls separably fitting over the corresponding hooks 11. Between each two adjacent arms 10, a pair of vertically spaced and radially projecting lugs 14 are provided on the hub 9 of the bracket 8, and each receptacle 12 is provided with an opening 15 to receive one of said lugs. The openings 15 are arranged adjacent the upper edges of the receptacle 12, so that when one lug 14 is inserted through said opening, the other lug 14 overlies the top of the receptacle as clearly shown in Figures 3 and 4, and a portion of the receptacle is received between said lugs. The receptacles are thereby separably mounted on the bracket 8 and firmly held against accidental displacement, and yet the receptacles can be easily and quickly mounted upon and removed from the bracket for any desired purpose, for example for transporting the articles in the receptacles or for filling or emptying the receptacles. The receptacles 12 may be of any suitable shape and form but are shown in the nature of baskets or pans suitable for receiving vegetables, fruit or the like. The receptacles may have ventilated side walls 16, or the walls may be provided with suitable transparencies for displaying the articles.

On the coupling 6 is mounted a bracket 17 which comprises a hub 18 and a plurality of radiating arms 19. A tray, receptacle or pan 20 is mounted on the bracket 17 and coaxially surrounds the standard B. Upon the tray 20 is mounted a partition member 21 which com-

prises a tubular portion 22 telescopically surrounding the standard B and having a plurality of radiating vertical wings 220 for providing a plurality of horizontally spaced compartments above the tray 20. This partition member may be formed in any suitable way, but preferably comprises two sheets of metal 23 suitably bent into U-shape and connected by strips of metal 24 which may be brazed, soldered or otherwise secured to the pieces 23. Preferably the free edges of the wings 220 are inclined from their bases toward the standard as at 240.

For closing the compartments formed between the wings 220 of the partition member, we may provide approximately triangular plates 25, which may be formed of glass or other transparent material and each of which has its lower edge mounted on the tray 20 and its side edges in abutting relation to the adjacent sides of two adjacent wings. With such a construction and arrangement of the parts, the compartments may be closed and at the same time the articles therein may be attractively displayed.

It may be desirable to further divide the compartments between the wings, and for this purpose we may utilize an approximately vertical plate 26 between each two adjacent wings, said plate resting upon the tray 20 and being supported at its ends by guide members 27 secured to the sides of the wings 220 and having flanges 28 projecting angularly from said wings. With such a construction, the plates 26 may be vertically slid downwardly between the guide flanges 28 and the respective wings 220 with their lower edges resting on the tray 20, so that the plates will be supported in vertical position. The plates 26 will then serve to retain articles on the tray 20.

Other shelf like supports may be provided by connecting brackets 29 to the sides of adjacent flanges 22 above the plates 26, and arranging horizontal shelf plates 30 on said brackets. Vertical front plates 31 may be mounted on the shelf plates 30 by guide members 32 in the identical manner in which the front plates 26 are supported by the guide members 27. Preferably the front plates 26 and 31 are of such size and so located as not to interfere with the closure of the compartments by the closure plates 25.

If desired, a suitable scale C for weighing the articles may be mounted on the upper end of the standard B from a lateral arm 33 secured to a bracket 34 which is attached to the upper end of the standard in any suitable manner.

From the foregoing, it will be understood that different articles may be conveniently and attractively arranged in assorted relation in the various receptacles and compartments, and in easily accessible position. The receptacles 12 can be easily and quickly mounted upon and removed from the display stand, and by removal or changing of the location of the plates 26, 31 and the partition member 21, the various compartments can be adapted for receiving different articles or for displaying them in different ways. All parts of the display stand are simple and inexpensive in construction and can be easily and quickly assembled and disassembled. If desired, a second bracket 8 and its complemental receptacles might be substituted for the bracket 17, the tray 20 and the parts associated therewith, and by increasing the number of sections of the standard and the couplings 5 and 6, any desired number of brackets 8 may be associated with the standard.

The brackets 8 and receptacles 12 may be used for displaying large or heavy articles, while the trays or shelves 20 and 30 may receive smaller or lighter articles. Preferably the stand is in general pyramidal in shape so as to be stable against upsetting and also for attractiveness, the larger receptacles being at the bottom so as to stabilize the stand. The articles may be piled on the trays 20 and 30 in an attractive manner, and the whole stand is highly sanitary and pleasing in appearance.

While we have shown and described the invention as embodied in certain details of construction, it should be understood that this is primarily for the purpose of illustrating the principles of the invention and that many modifications and changes may be made in the details of construction without departing from the spirit or scope of the invention.

Having thus described our invention, what we claim is:

1. A display stand comprising a vertical standard, a bracket mounted thereon and having a plurality of arms in radial relation to said standard, each arm having a lateral hook at each side of one end thereof, a receptacle arranged between two adjacent of said arms and having openings removably receiving said hooks, and means on said bracket between each two adjacent arms to be separably engaged by and support said receptacle.

2. The display stand set forth in claim 1 wherein the last-named means is a radially projecting lug and said receptacle has an opening to receive said lug.

3. The display stand set forth in claim 1 wherein the last-named means is a pair of vertically spaced radially projecting lugs, and said receptacle has a portion to removably enter between said lugs.

4. A display stand comprising a vertical standard, a bracket mounted thereon including a hub surrounding said standard and a plurality of radially projecting arms, each arm having a lateral hook at each side of one end thereof, a receptacle arranged between two adjacent of said arms and having openings removably receiving said hooks, and means on said hub between each two adjacent arms to be separably engaged by and support said receptacle.

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