April 21, 1931. O. J. JOHNSON 1,801,432

ARTICLE DISPLAY STAND

Filed May 27, 1930

Fig. 1

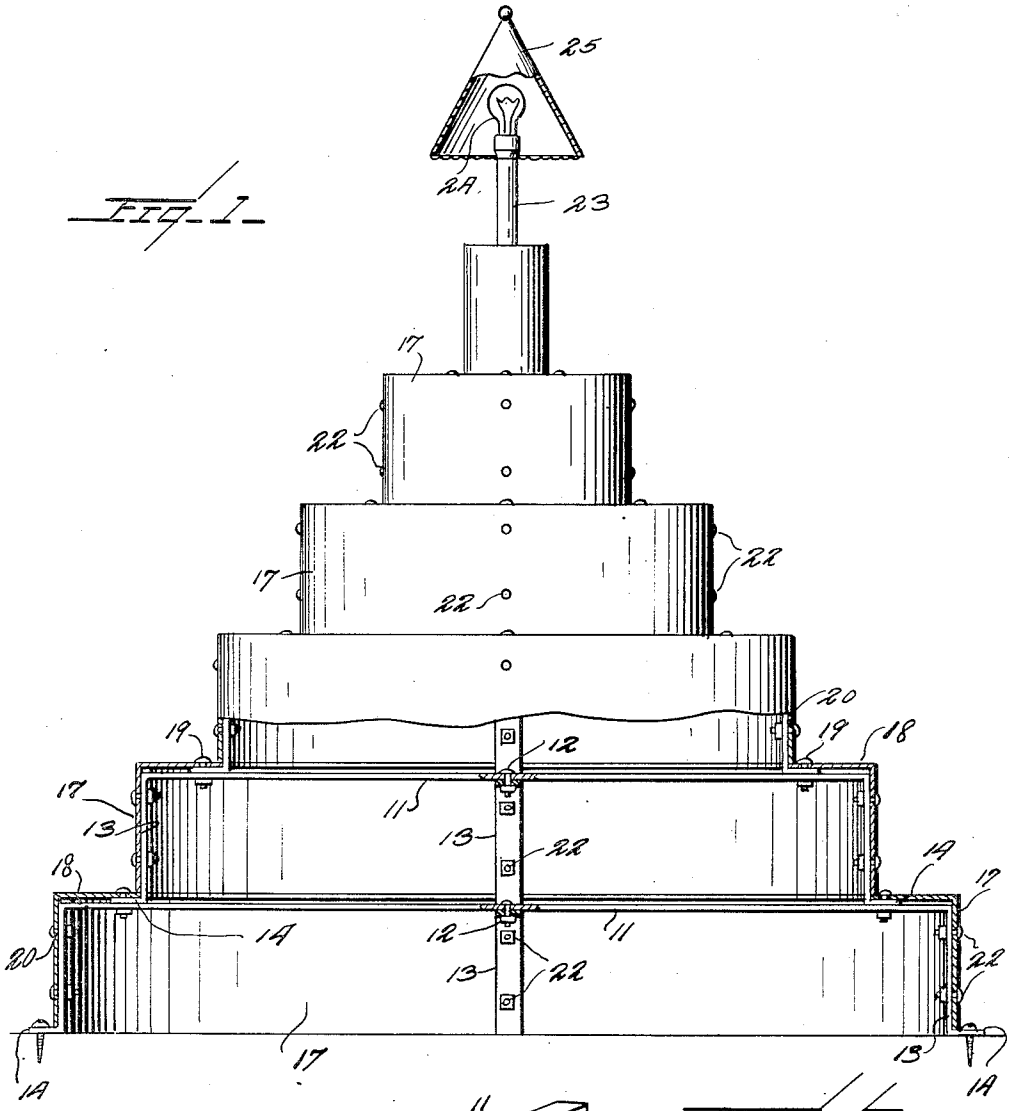
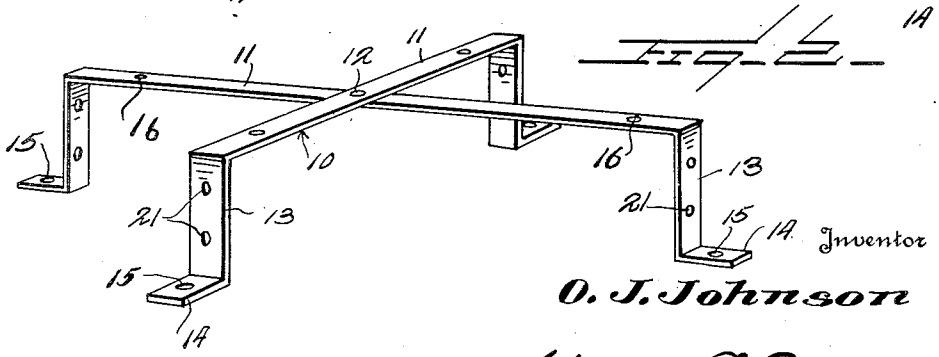


Fig. 2



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UNITED STATES PATENT OFFICE

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ARTICLE-DISPLAY STAND

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The present invention relates to display stands or fixtures adapted for use in displaying articles in stores or the like.

An object of this invention is to provide a display stand of substantially pyramid-like construction wherein the component parts thereof may be telescoped one within the other so as to facilitate shipment of the stand.

Another object of this invention is to provide a display stand of this character wherein an illuminating element may be combined with the fixture whereby to illuminate the various articles positioned upon the stand.

A further object of this invention is to provide a stand of this character wherein a suitable reflector is used in combination with the illuminating element whereby the light rays are projected upon the various articles positioned upon the stand.

The above and various other objects and advantages of this invention will in part be described in and in part be understood from the following detailed description of the present preferred embodiment, the same being illustrated in the accompanying drawing wherein:—

Figure 1 is a detail side elevation, partly in section, of a device constructed according to the preferred embodiment of this invention; and

Figure 2 is a detail perspective view of one of the frame members.

Referring to the drawing wherein like numerals of reference designate corresponding parts throughout the several views, the numeral 10 designates generally a frame comprising a pair of substantially U-shaped members 11 which are pivotally secured to each other by a bolt or rivet 12 in substantially the center thereof. The frame members 11 are preferably mounted in inverted position and the leg members 13 thereof are preferably bent outwardly as at 14 so as to provide supporting feet or the like, the flanges or lugs 14 being provided with an aperture 15 so that a plurality of frames 10 may be mounted one upon the other, each succeeding frame being substantially smaller than the lower frame so as to provide a substantially stepped frame structure, and the horizontally disposed portion of the frame members are provided with apertures 16 therethrough for removably receiving bolts or rivets so that succeeding frame members may be mounted one upon the other.

An annular drum generally designated as 17 is adapted to be positioned upon the frame 10, the drum being mounted in inverted position having the lower end open, and the top of the drum 17 is provided with an inwardly extending flange or ring 18 which is adapted to rest upon the horizontal portion of the frame 10, and the ring 18 is provided with suitable apertures therethrough which are adapted to register with complementary apertures 16 in the frame 10, the bolts or securing members 19 which are adapted to hold succeeding frames together being also adapted to securely hold the ring 18 upon the frame.

The drums 17 are provided through the periphery thereof with a plurality of spaced apertures 20, and the apertures 20 register with complementary apertures 21 in the vertically disposed legs 13 of the frame 10 so that the bolts 22 will securely hold the frame members 11 against horizontal swinging movement. It is also to be noted that when the apertures 21 in the frame register with the apertures 20 in the drums, the apertures 18 in the top of the drums 17 will register with the apertures 16 in the horizontal portion of the frame 10.

It will, of course, be understood that any number of drums 17 and frames 10 may be mounted one upon another, the frames and the drums being of any desired configuration, each succeeding frame and drum being preferably smaller or restricted from the preceding frame and drum.

A lamp standard 23 may be mounted upon the upper of the drums, 17, the standard 23 carrying a suitable electric socket 24, and a conical reflector 25 may be positioned on the standard 23 and secured in inverted position thereupon so that the light rays will be projected downwardly from the reflector upon the drum members 17 and any articles mounted thereon for display purposes.

When it is desired to pack the display rack or stand for shipment, the drums 17 are removed from the frames 10, and the various drums positioned one within the other, this being possible in view of the fact that the drums are of a size whereby to permit one drum to telescope within the other. If desired, the various frames 10 may be disconnected by removing the bolts 19 from the lugs 14, and the frames 10 may be collapsed so as to provide a substantially small package.

In assembling this display stand, the lower of the frame members 10 may be opened so that the U-shaped members 11 are positioned at substantially right angles to each other, whereupon the lower of the drums 17 may be mounted thereupon, the bolts 22 being positioned in the apertures 21 in the frames and the apertures 20 in the drums whereupon the succeeding frames 10 and the drums 17 may be mounted one upon the other, and the lamp fixture 23 positioned on the uppermost of the drums 17 and the frames 10.

The electric wires leading to the lamp fixture 23 may be extended through the hollow or central portion of the stand if desired.

The rings 18 may be of any desired depth so as to provide the desired ledge or shelf for mounting the articles upon the stand, the depth of the rings being limited only by the size of the stand desired and the number of drums which it is desired to mount one upon the other.

It will, of course, be understood that various changes and modifications may be made in the details of construction and design of the above specifically described embodiment of the invention without departing from the spirit thereof, such changes and modifications being restricted only by the scope of the following claims.

What is claimed is:—

1. A display stand of the character described comprising a plurality of frame members adapted to be positioned one upon another, each succeeding frame member being of a smaller size than the preceding frame member, said frame members being positioned upon each other in stepped relation, a plurality of drums having inwardly extending flanges, and means for securing said drums to said frames.

2. A display stand of the character described comprising a plurality of frame members adapted to be mounted one upon another, each succeeding frame member being smaller in size than the preceding frame member, said frame members comprising a pair of substantially U-shaped apertured members having outstanding apertured lugs at the open ends thereof, the lugs of each succeeding pair of frame members being adapted to seat upon the closed ends of the frame members, a plurality of drums adapted to be mounted upon the outer edge portions of said frame members, said drums comprising a cylindrical member and an inwardly extending flange secured to the upper edge portion of said cylindrical member, said flange having apertures therethrough registering with corresponding apertures in said frame, and securing means engaging said outstanding apertured lugs in said frames, said apertured flange in said drum and the upper closed end portion of the frame whereby to securely hold succeeding drums and frames one upon the other and in stepped relation to each other.

3. A display stand of the character described comprising a plurality of frames adapted to be mounted one upon the other, each succeeding frame being smaller in size than the preceding frame, said frames comprising a pair of U-shaped bars positioned in inverted relation, means for swingingly securing said bars together, a plurality of drums adapted to be mounted on said frames, means for securing said drums to said frames, said securing means coactively holding said frames against swinging movement with respect to each other.

In testimony whereof I hereunto affix my signature.

OLIVE J. JOHNSON.