Sept. 14, 1926. 1,600,132

J. S. PEARL

DISPLAY STAND

Filed Dec. 22, 1925

Fig. 1.

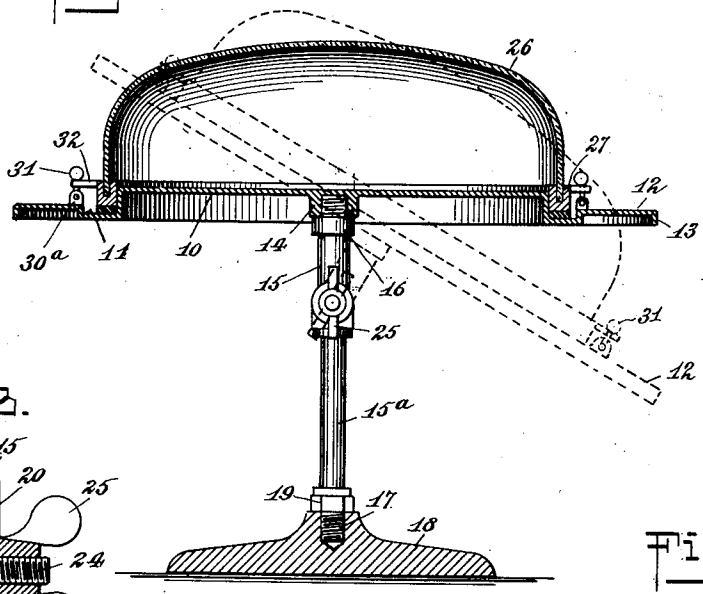


Fig. 3.

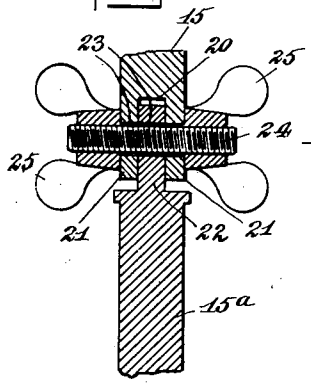


Fig. 4.

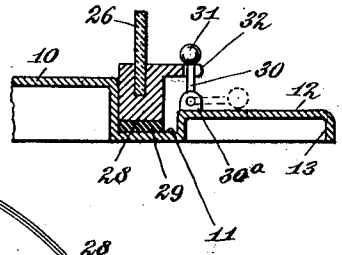
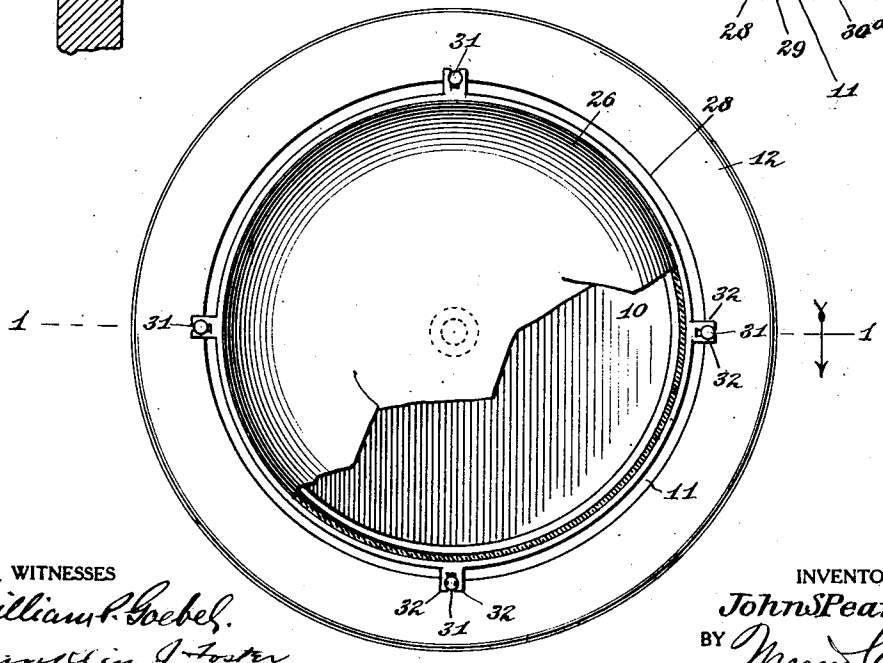


Fig. 2.



WITNESSES

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UNITED STATES PATENT OFFICE.

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DISPLAY STAND.

Application filed December 22, 1925. Serial No. 76,996.

The device of the present invention while adapted for a wide range of utility as a display fixture, is primarily intended for displaying candy or the like.

An object of the invention is to provide a display stand including a tray and a transparent dome covering the tray, so mounted that the tray and its cover may be tilted or inclined in any direction, and may be firmly locked in adjusted position.

Other objects of the invention are to provide a display stand which will be of simple, practical construction, which will be rugged and durable in use, which will lend itself to economical manufacture, and which will be of attractive appearance and well suited to meet the requirements of every day use.

With the above noted and other objects in view, the invention consists in certain novel features of construction and combinations and arrangements of parts, as will be more fully hereinafter set forth and pointed out in the claims. The invention may be more fully understood from the following description in connection with the accompanying drawings, wherein—

Fig. 1 is a view in vertical section on the line 1—1 of Fig. 2 through a display stand embodying the invention, the dotted lines indicating an adjusted or tilted position of the stand.

Fig. 2 is a top plan view of Fig. 1 with a portion of the glass dome broken away.

Fig. 3 is an enlarged sectional detail showing the adjustable connection between the standard and the tray.

Fig. 4 is a sectional detail showing the manner of securing the dome to the tray.

The stand includes a tray portion preferably of circular shape, and formed with a central upwardly presented circular projection 10. Radially outwardly of this projection there is formed a groove 11, and beyond the groove there is a second slightly raised annular portion 12 terminating in a depending marginal flange 13.

The central portion 10 of the tray carries a depending socket member 14 adapted for connection with a supporting standard. The standard is preferably made in two sections 15, 15ª, the upper section 15 including a threaded extremity 16 screwing into the socket 14. The lower standard section 15ª includes a lower threaded end 17 screwing into a socket in a relatively heavy base member 18, and locked in position by nut 19.

The two sections of the standard are hingedly connected and adapted to be locked in various positions of adjustment so that the tray may be supported at any angle relative to the surface on which the base rests. Preferably one standard section is bifurcated as at 20, providing a pair of ears 21 which straddle an extension 22 on the end of the other section. Ears 21 and extension 22 are provided with registering openings 23 for the reception of a hinge member 24. The hinge member 24 is preferably in the nature of a screw, the ends of which receive wing nuts 25 for clamping the two standard sections in any desired position of hinged or pivoted adjustment.

The glass dome or cover 26 for the tray has its lower edges received in an annular groove 27, in an annular ring member 28 adapted to snugly fit the upraised central portion 10 of the tray. Preferably the edges of the glass dome are cemented or otherwise permanently secured to the ring 28, and the ring rests upon a resilient annular sealing element 29 disposed in the bottom of the groove 11.

To lock the dome in place, I utilize a plurality of pivoted links 30, preferably pivotally connected to brackets 30ª disposed at spaced intervals along the inner edge of the shelf portion 12 of the tray. These links may carry at their free ends ball heads 31 adapted to have a camming action on the upper surface of bifurcated arms 32 projecting radially from the upper edge of the ring member 28. As the links are swung from the dotted line position of Fig. 4 to the full line position of this figure, the heads 31 exert a camming action on the arms 32, whereby the dome carrying ring 28 is forced downwardly in the groove 11, compressing the packing ring 29 and effectively sealing the space between the dome and the tray portion 10.

From the foregoing description it will be apparent that I have provided a display stand peculiarly suited for the display of candy and of various other types of edible merchandise When the stand is mounted upon a high counter, it may be tilted forwardly so that a customer may more readily observe the merchandise under the dome. By loosening and tightening the wing nuts 25, the standard sections may be readily adjusted and quickly locked in adjusted position. The operation of securing the

dome and its carrying ring in place is a very simple one and consists merely of swinging the links 30 to vertical position.

While I have illustrated a preferred embodiment of the invention, various changes and alterations might be made in the general form and arrangement of parts described without departing from the invention. Hence I do not wish to limit myself to the details set forth, but shall consider myself at liberty to make such changes and alterations as fairly fall within the spirit and scope of the appended claims.

I claim:—

1. A display stand including a supporting standard and a tray mounted thereon, said tray having an annular groove therein, a transparent dome member having its edges mounted in a ring, a compressible packing gasket in the groove upon which the ring seats, and means for detachably engaging the ring to force the same home against the packing gasket and retain the dome in place.

2. A display stand including a supporting standard and a tray mounted thereon, said tray having an annular groove therein, a transparent dome member having its edges mounted in a ring, a compressible packing gasket in the groove upon which the ring seats, and means for detachably engaging the ring to retain the dome in place, said last mentioned means including pivoted links with ball heads engaging pairs of radially disposed arms extending laterally from the ring, whereby the ring is firmly seated on the gasket.

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