March 27, 1951 W. J. WALDON, SR 2,546,803

SERVING TABLE WITH ROTATABLE CENTER

Filed Oct. 20, 1949

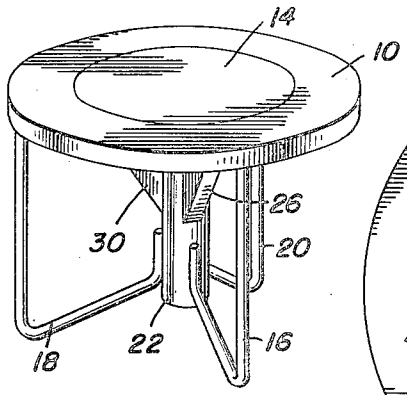
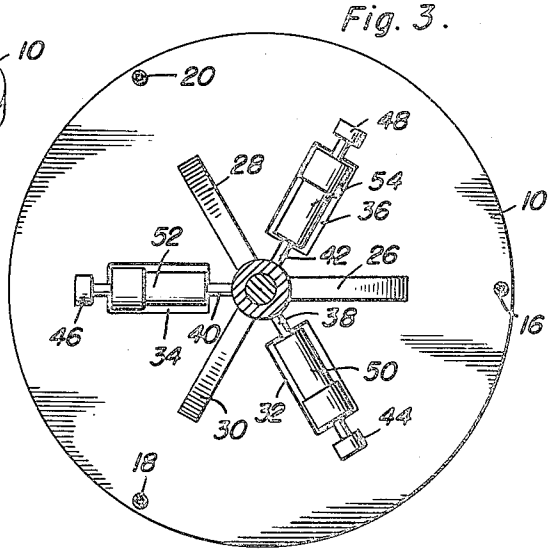


Fig. 1.

Fig. 3.



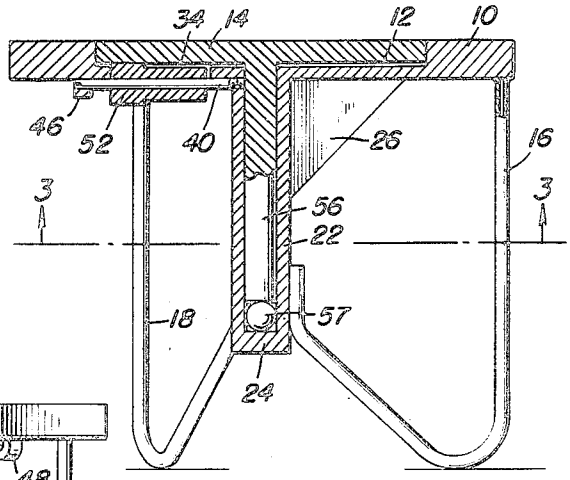
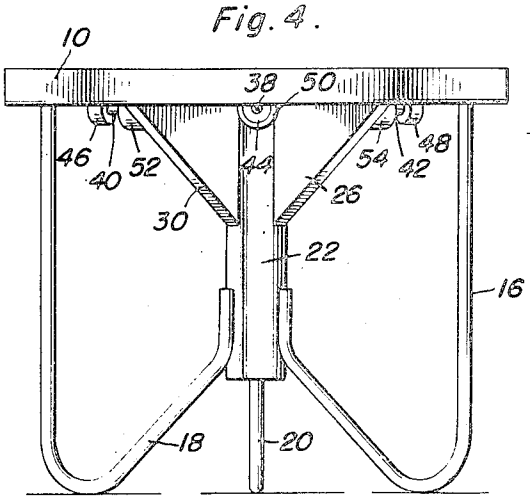


Fig. 2.

Fig. 4.



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SERVING TABLE WITH ROTATABLE CENTER

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1 Claim. (Cl. 311—33)

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This invention relates to the class of furniture, and more particularly to a table of novel construction and design.

An object of this invention is to provide a table with a rotatable center piece that can be easily and quickly rotated to place an object thereon in proximity to a person seated at the table.

A further object of this invention is to provide a novel bearing support for a rotatable center piece of a dining table, so that the center piece may be more easily rotated to bring an object thereon into proximity to a person there seated so that the object can be easily reached by the person without necessitating rising or overreaching.

Still another object of the invention resides in the provision of a table having a rotatable center piece, the table being strong, durable, efficient in operation, and extremely pleasing to the eye.

These, together with the various ancillary objects of the invention which will become apparent as the following description proceeds, are attained by this table, a preferred embodiment of which has been illustrated, by way of example only, in the accompanying drawings, wherein:

Figure 1 is a perspective view of the table embodying the novel structure and design;

Figure 2 is an enlarged vertical sectional view as taken along one of the diameters of the table top in Figure 1;

Figure 3 is a horizontal sectional view as taken along the line 3—3 of Figure 2; and

Fig. 4 is an elevational view of the table top of Figure 1.

With continuing reference to the accompanying drawings wherein like numerals designate similar parts throughout the various views, 10 generally represents a stationary top having a recess 12 in which the novel center piece 14 is positioned and rotates within.

The stationary top 10 is connected and supported by one end of each of three ground engaging supports 16, 18 and 20 which are preferably formed from hollow pipe of suitable material, preferably aluminum or stainless steel. The central portion of these ground engaging supports is curved to provide a suitable resting surface for the whole table. The other ends of the supports are connected to a central cylinder 22 having a bottom wall 24. The hollow cylinder 22 is elsewise supported by the stationary top 10 by means of triangular wedges 26, 28, and 30.

The stationary top 10 has a plurality of annularly spaced apertures 32, 34, and 36. In threaded engagement with the shaft 22 at its upper end are three annularly spaced rods 38, 40 and 42. These rods are additionally supported by means of semi-circular retainers 44, 46 and 48. Journaled on each of these rods 38, 40 and 42 are roller bearings having thickened portions at one end thereof and designated by reference numerals 50, 52 and 54.

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A ball bearing 56 is positioned within the hollow cylinder 22 and is supported by the bottom wall 24. Within the hollow cylinder 22 is also emplaced a shaft 58 which is connected to the rotatable center piece. As can be best seen in Figure 2, the center piece 14 is rotatable with the shaft 56 within the recess 12 in the stationary top. The annular collars of the roller bearings 50, 52 and 54 support the rotatable center piece 14 and engage the bottom surface thereof. The shaft 56 is, of course, rotatable within the cylinder 22 and the ball bearing 57 rotatably supports the bottom surface of the shaft 56.

Since from the foregoing, the construction and advantages of this table are readily apparent, further description is believed to be unnecessary.

However, since numerous modifications will readily occur to those skilled in the art after a consideration of the foregoing specification and accompanying drawings, it is not intended to limit the invention to the precise embodiment of the table shown and described, but all suitable modifications and equivalents may be resorted to which fall within the scope of the appended claim.

Having described the invention, what is claimed as new is:

A table comprising a stationary top having a central circular recess therein, ground engaging supports terminally connected to said stationary top and to a centrally located hollow cylinder having a bottom wall, a plurality of annularly spaced rods secured to said stationary top and to said cylinder, a plurality of apertures in said stationary top, a roller bearing journaled on each of said rods and extending through said apertures, each of the bearings having an annular collar thereon, a ball bearing in said cylinder supported by said bottom wall, a shaft emplaced in said cylinder supported by said ball bearing, a rotatable circular center piece secured to said shaft positioned within said recess and supported by said annular collars of said roller bearings.

WILLIAM J. WALDON, SR.

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