SELF-SERVING TABLE WITH ROTATABLE CENTER

Fig. 1.

Fig. 2.

Fig. 5.

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SELF-SERVING TABLE WITH ROTATABLE CENTER

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1 Claim. (Cl. 311–33)

The present invention relates to new and useful improvements in tables and more particularly to a self-serving table embodying a rotary central top section by means of which food placed thereon may be easily moved within reach of persons seated around the table.

An important object of the invention is to provide a rotary central top section for the table with means for raising the same to facilitate cleaning thereof and for oilling the bearing on which the same is supported.

Other objects and advantages reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming part hereof, wherein like numerals refer to like parts throughout, and in which:

Figure 1 is a perspective view;
Figure 2 is an enlarged fragmentary side elevational view of the table top;
Figure 3 is a vertical sectional view;
Figure 4 is a bottom plan view; and
Figure 5 is a horizontal sectional view through the table pedestal taken on a line 5–5 of Figure 2.

Referring now to the drawings in detail, wherein for the purpose of illustration I have disclosed a preferred embodiment of the invention, the numeral 5 designates a central table pedestal having braces or webs 6 projecting outwardly from its lower portion to provide a base for the pedestal.

The pedestal 5 is preferably of square shape in cross section and arms 7 are secured at inner ends thereof to each side of the pedestal at its upper end to project horizontally outwardly therefrom and on the outer ends of which a stationary annular top section, or ring, 8 is supported.

A ball bearing assembly 9 surrounds the upper end of the pedestal 5 and is supported on the inner ends of arms 7, the bearing assembly supporting a rotary central top section, or disk, 10 for rotation within the stationary annular top section or ring 8 in the plane thereof. Handles 11 project upwardly from the rotary central top section 10 adjacent the periphery thereof to provide hand grips for rotating said sections.

The upper end of pedestal 5 is formed with a chamber 12 in which a jack 13 of conventional construction is supported and with the head 14 of the jack positioned under the central portion of the rotary central top section 10. The jack may be operated by means of a handle 15 which extends outwardly through an opening 16 in the upper end of pedestal 5, the handle 15 preferably being removable from the jack, when not in use.

The rotary central top section 10 is provided with a shelf or platform 17 supported coaxial therewith and which is in a raised position by a central post 18 suitably secured to the said section 10.

In the operation of the device the rotary central top section 10 is free to be rotated on the ball bearing assembly 9 by means of one of the handles 11 whereby food placed on the rotary central top section 10 of the table may be moved into a position for convenient reach by persons seated around the table.

The rotary central section 10 of the table may be raised by the operation of jack 13 to a position above the plane of the stationary annular top section 8 to facilitate cleaning of the table and to oil the bearing assembly.

In view of the foregoing description taken in conjunction with the accompanying drawings it is believed that a clear understanding of the device will be quite apparent to those skilled in this art. A more detailed description is accordingly deemed unnecessary.

It is to be understood, however, that even though there is herein shown and described a preferred embodiment of the invention the same is susceptible to certain changes fully comprehended by the spirit of this invention as herein described and the scope of the appended claim.

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

A table comprising a pedestal, horizontal arms having inner ends attached to the sides of the pedestal at the upper end thereof, an annular top section fixed to and supported by the outer ends of said arms, a bearing assembly surrounding the upper end of the pedestal and supported by the inner ends of said arms, and a central circular top section supported by said assembly for rotation within the annular top section.

WILLIAM R. FIRES.

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