March 24, 1931. H. HINTON 1,797,828

SELF SERVING TABLE

Filed Aug. 14, 1928 3 Sheets-Sheet 1

Fig. 1.

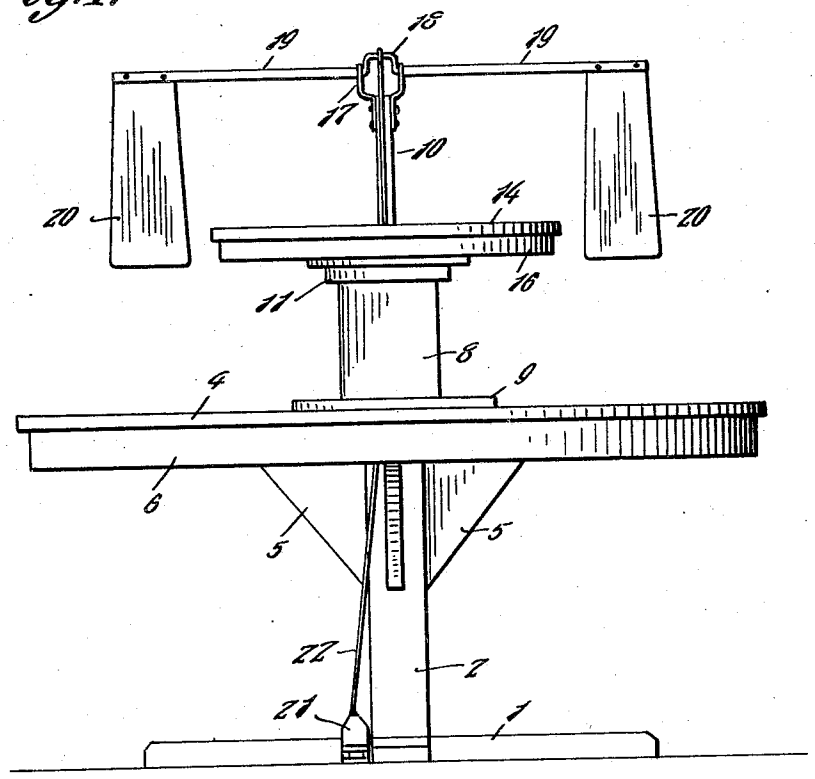
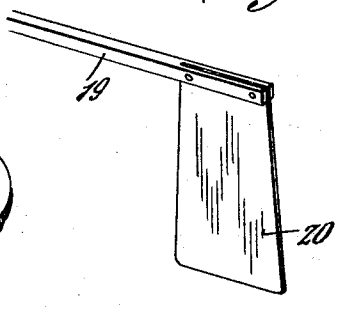


Fig. 7.



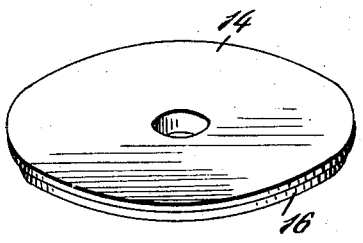


Fig. 6.

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March 24, 1931. H. HINTON 1,797,828

SELF SERVING TABLE

Filed Aug. 14, 1928 3 Sheets-Sheet 2

Fig. 2.

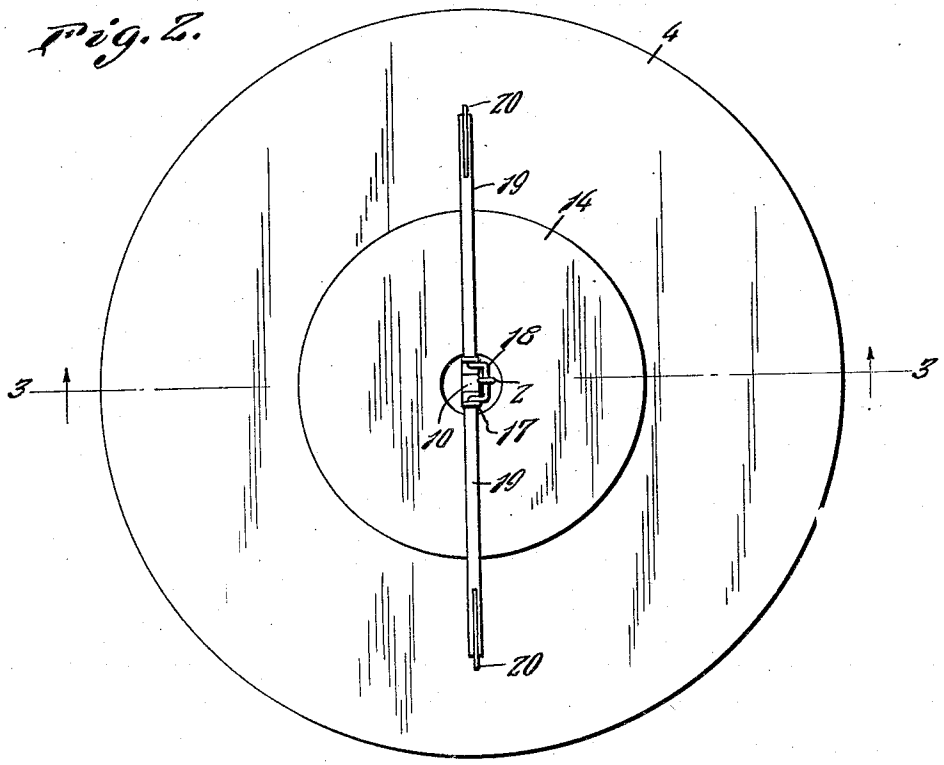
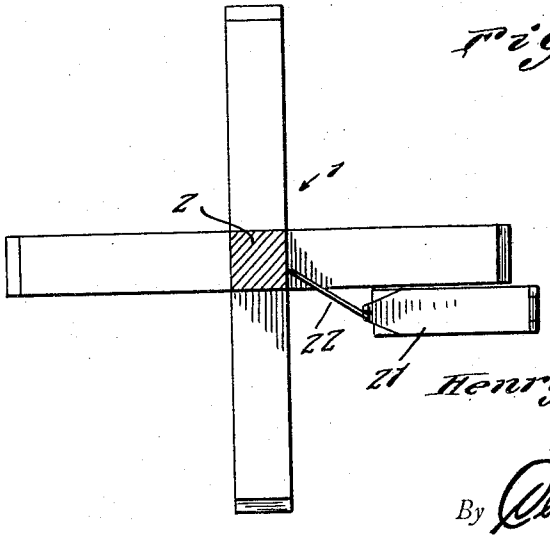


Fig. 4.



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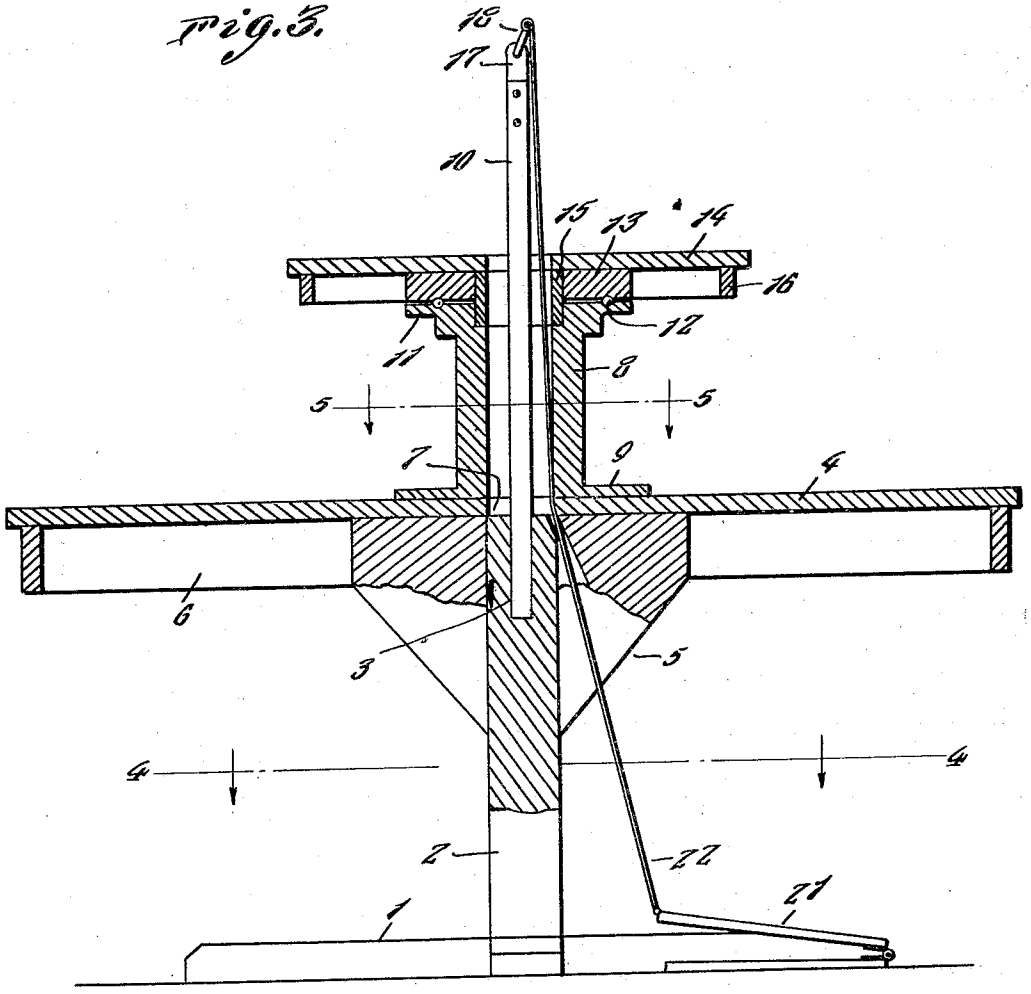
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March 24, 1931. H. HINTON 1,797,828

SELF SERVING TABLE

Filed Aug. 14, 1928 3 Sheets-Sheet 3

Fig. 3.



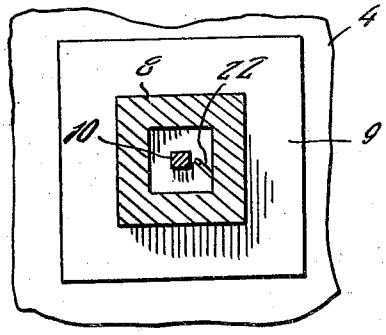


Fig. 5.

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Patented Mar. 24, 1931 1,797,828

UNITED STATES PATENT OFFICE

HENRY HINTON, OF FLEMING, KENTUCKY

SELF-SERVING TABLE

Application filed August 14, 1928. Serial No. 299,517.

The present invention relates to improvements in furniture and has reference more particularly to a self serving table whereby persons sitting around the table may readily and easily reach the dishes or articles placed on the table without disturbing others at the table.

A further object is to provide a self serving table that includes a revoluble platform mounted for rotation upon a standard and it is arranged on top of a stationary table top, the platform being of smaller diameter than the table top yet of such size as to accommodate a number of dishes on condiment holders.

Still a further object is to provide a self serving table that includes a fan structure for keeping flies and other insects away from the food placed upon the table or a revoluble platform, means being provided whereby the fan may be actuated by one of the persons seated at the table.

A further object is to provide a self serving table of the above mentioned character that can be readily and easily assembled or disassembled, the same being further simple in construction and inexpensive, strong and durable and further well adapted to the purposes for which it is designed.

Other objects and advantages will become apparent during the course of the following description.

In the accompanying drawing, forming a part of this specification, and in which like numerals indicate like parts throughout the same:

Figure 1 is a side elevation of the self serving table embodying my invention with the fan attachment associated therewith,

Figure 2 is a top plan view thereof,

Figure 3 is a vertical sectional view taken approximately on the line 3—3 of Figure 2,

Figure 4 is a transverse section taken approximately on the line 4—4 of Figure 3 looking downwardly,

Figure 5 is a similar section taken on the line 5—5 of Figure 3 looking in the direction of the arrows,

Figure 6 is a detail perspective view of the rotatable platform, and

Figure 7 is a detail perspective view of one of the blades mounted on the outer end of the cross arm.

In the drawings wherein for the purpose of illustration is shown a preferred embodiment of my invention, the numeral 1 designates a substantially cruciform shaped base from the center of which extends upwardly the pedestal 2 that is solid and is formed at its upper end with a socket 3 as more clearly shown in Figure 3 for a purpose to be presently described.

A circular table top 4 of a suitable diameter is supported by the supporting member 5 and is secured on the respective sides of the rectangular shaped pedestal 2, the upper edges of the supporting members lying flush with the upper end of the pedestal as clearly shown in Figure 3.

The table top 4 is secured on the supporting member in the stationary manner and an annular rim 6 is attached to the bottom face of the circular stationary table top 4 inwardly of the outer edge thereof.

As clearly shown in Figure 3, the table top 4 is formed in its center with an opening denoted by the reference character 7.

The present invention further comprehends the provision of a hollow standard 8 that is of substantially rectangular shape in cross section and an attaching flange 9 is formed on the lower end of the hollow standard for attachment to the upper face of the central portion of the stationary circular table top 4 in the appropriate manner.

In Figure 5 of the drawings, there is clearly illustrated the cross sectional shape of the hollow standard. A post 10 has its lower end fitted in the socket 3 provided therefor in the upper end of the pedestal 2 and this post extends upwardly through the hollow standard 8 as clearly indicated in Figures 1 and 3 of the drawings.

The purpose of this post will also be presently described. Formed on the upper end of the hollow standard 8 is the flanged portion 11 and a ball bearing raceway is formed in the upper face of the flange for receiving the ball bearing 12 and a block 13 to the under side of the circular platform 14 is positioned above

the flanged portion 11 or rests upon the ball bearing 12 as clearly shown in Figure 3.

The circular platform 14 is of a diameter materially smaller than that of the circular stationary table top 4 and further this platform is formed with a central opening to accommodate the vertically disposed post 10.

A bushing 15 is fitted at its lower end within a socket provided in the upper end of the hollow standard 8 and the upper portion of the bushing is slidably fixed within an opening formed in the block 13.

A rim 16 is arranged on the under side of the perimeter of the revoluble platform 14 and the edge portion of the platform provides means whereby persons seated at the table may grasp the same to turn the platform freely about the stationary post 10 in order to reach the desired dish or other article placed upon the platform without necessitating the aid of the other persons seated at the table.

The platform is free to revolve about the post 10 by reason of the friction ball bearing 12 and the platform is spaced with respect to the table top so as not to interfere with the persons reaching the food placed upon the stationary table top 4 yet the platform is within easy reach of the persons seated around the table.

The upper end portion of the post 10 forms a part of a fan attachment and is adapted to be associated with the self serving table for keeping flies and other insects away from the table while food is being served.

A bracket 17 of substantially U-shaped formation is secured on the upper end of the post 10 and journaled through the upper ends of the arms of this U-shaped bracket are the laterally disposed ends of a crank 18 and fixedly attached to the latterly disposed ends of the crank portion 18 are the horizontally disposed cross arms 19.

A fan blade 20 depends downwardly from the outer end of each cross arm and is of such length as to extend below the outer edge of the revoluble platform 14; the inner opposed edges of the fan blade being slightly spaced from the outer peripheral edge of the revoluble platform 14 as clearly suggested in Figure 1.

For the purpose of actuating the fan, there is provided a hinged foot treadle 21 located adjacent one of the cross members of the cruciform shaped base 1. A cable 22 is connected at its lower end to the free end of the hinged foot treadle and this cable extends upwardly through the opening 7 formed in the central portion of the stationary table top 4 through the hollow standard 8 and the opening in the central portion of the revoluble platform 14 and is connected at its upper end to a crank 18.

Obviously the person seated nearest the foot treadle can operate the fan by stepping on the foot treadle and pressing the same downwardly whereupon the cable 22 will operate the crank 18 to effect the actuation of the cross arm and the fan blade carried by the outer end thereof.

The provision of a self-serving table of the above mentioned character will save considerable time and labor in serving the number of persons seated at the table. Furthermore the simplicity of my improved table enables the parts to be readily and easily assembled or disassembled and the device can be constructed at a very low cost and yet be strong and durable.

While I have shown the preferred embodiment of my invention, it is to be understood that various changes in the size, shape and arrangement of parts may be resorted to without departing from the spirit of the invention and the scope of the appended claims.

Having thus described my invention, what I claim as new is:

1. In a self serving table, a pedestal, a stationary table top secured thereon, a standard attached at its lower end on the top face of the table top at the center thereof, and a platform of smaller dimension than the stationary table top revolubly mounted on the upper portion of the standard, a post extending vertically through the standard, the lower end of said post being secured in the upper end of the pedestal and the upper end of the post extending above the revoluble platform, a bracket secured on the upper end of the post, a crank supported in said bracket, horizontally disposed arms connected with the crank for operation therewith, fan blades secured to the outer ends of said arms and extending downwardly below the outer edge of the revoluble platform and their respective inner edges slightly spaced from the peripheral edge of the said platform, and means for actuating the crank to oscillate these blades.

2. In a self serving table, a pedestal, a stationary table top secured thereon, a standard attached at its lower end on the top face of the table top at the center thereof, and a platform of smaller dimension than the stationary table top revolubly mounted on the upper portion of the standard, a post extending vertically through the standard, the lower end of said post being secured in the upper end of the pedestal and the upper end of the post extending above the revoluble platform, a bracket secured on the upper end of the post, a crank supported in said bracket, horizontally disposed arms connected with the crank for operation therewith, fan blades secured on the outer ends of said arms and extending downwardly below the outer edge of the revoluble platform with their respective inner edges slightly spaced from the peripheral edge of the said platform, a foot treadle arranged adjacent the base of the pedestal, and a flexible connection between the foot treadle

and said crank extending upwardly through the stationary table top and the standard and revoluble platform.

3. In combination, a rotatable platform, a bracket, means for mounting the bracket above said platform, a crank rotatably mounted in said bracket and having horizontally disposed arms extending from opposite ends thereof, fan blades secured on the outer ends of said arms and extending downwardly therefrom, said fan blades at their lower free ends terminating at diametrically opposite sides of the platform and in spaced relation to the platform, the lower free ends of the blades being arranged in a horizontal plane with the platform, and means for actuating said crank.

In testimony whereof I affix my signature.

HENRY HINTON.