J. M. BRYANT & J. LIND.

ROTATABLE TABLE.

APPLICATION FILED OCT. 31, 1911.

1,077,218. Patented Oct. 28, 1913.

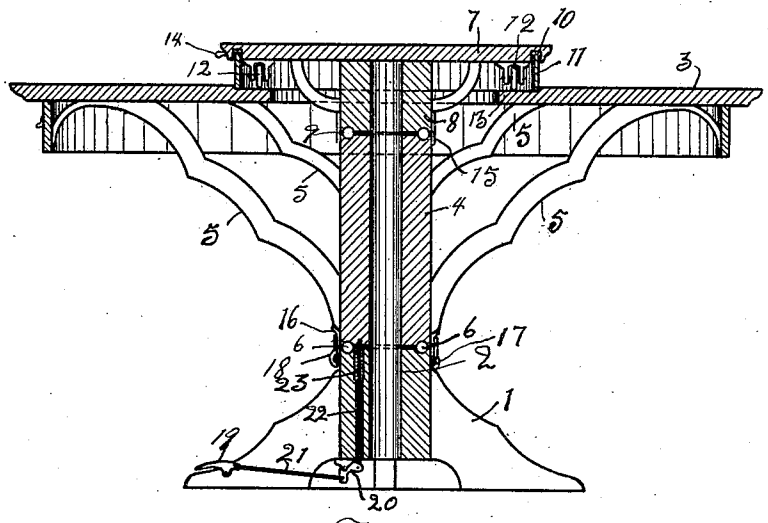


Fig 1

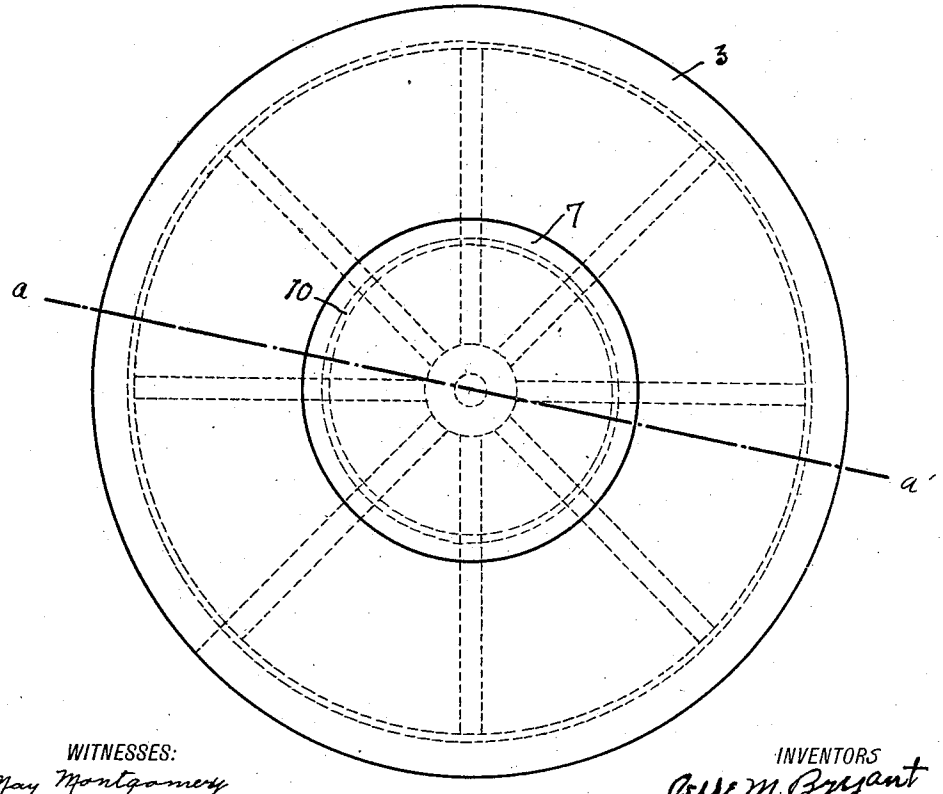


Fig 2

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ROTATABLE TABLE.

1,077,218. Specification of Letters Patent. Patented Oct. 28, 1913.

Application filed October 31, 1911. Serial No. 657,701.

To all whom it may concern:

Be it known that we, JESSE M. BRYANT and JOHN LIND, citizens of the United States, residing at Ganado, in the county of Jackson and State of Texas, have invented certain new and useful Improvements in Rotatable Tables, of which the following is a specification.

Our invention relates to new and useful improvements in rotatable tables.

The object of the invention is to provide a table of the character described, having a rotatable central portion upon which the articles of food to be served may be placed and a normally stationary portion secured to the central portion for use of those being served in order that the articles upon the rotatable central portion may, by the rotation thereof, be brought within easy reach of those being served at the table.

A further feature of the device resides in the novel construction thereof whereby the normally stationary portion of the table may also be rendered rotatable.

With the above and other objects in view, the invention has particular relation to certain novel features of construction, operation, and arrangement of parts, an example of which is given in this specification and illustrated in the accompanying drawings, wherein—

Figure 1 is a sectional side elevation of the table taken on the line *a*—*a* of Fig. 2, and Fig. 2 is a top plan view of the complete table.

Referring now more particularly to the drawings, wherein like numerals of reference designate similar parts in each of the figures, the numeral 1 designates the base upon which the table rests and the numeral 2 refers to a stationary shaft which is secured thereto and extends upwardly therefrom. The normally stationary portion or rim 3 of the table is supported on the base 1 thereof by means of a sleeve 4 and a plurality of braces 5 secured to the said sleeve and radiating therefrom, and extending to the under side of the portion 3 and upon the outer ends of which said stationary portion rests and to which it is secured. The sleeve 4 loosely surrounds the shaft 2 and its lower end rests upon the base 1 and interposed between said sleeve and base are the ball-bearings 6 which are provided to minimize the friction between the base and sleeve when the sleeve turns. The central or rotatable portion 7 of the table carries a dependent socket member 8, which fits over the upper end of shaft 2 and supports said rotatable portion 7 and the lower end of this socket member rests upon ball-bearings 9, interposed between the same and the upper end of sleeve 4 so as to render said rotatable portion 7 readily movable upon its support. Near the edge or rim of the rotatable portion 7 and on the under side thereof is an annular groove 10 and secured to the inner edge of the normally stationary portion 3 and extending upwardly therefrom into said groove is an annular flange 11, which is provided to hide from view the supporting mechanism of the rotatable portion 7 and to render the table neater in appearance. Depending from the rotatable portion 7 and within the flange 11, are a plurality of casters 12, which travel upon the track 13 projecting inwardly from the stationary portion 3 and assisting in supporting the rotatable portion of the table.

The plates and other articles to be used in serving the food are intended to be placed upon the normally stationary portion 3 of the table and the articles of food are to be placed upon the rotatable portion 7 and when it is desired to bring any article of food in reach of anyone being served, the rotatable portion may be manipulated through the hand lever 14 carried thereby or in any other desirable manner. The ball-bearings 9 are protected by means of a cuff 15 which is secured to the socket member 7 and extends down beyond said member and embraces the upper end of the sleeve 4. The ball-bearings 6 are protected by a sleeve 16 which is secured to the lower end of the sleeve 4 and projects down beyond the lower end thereof and embraces the upper end of the base 1. Near the upper end of said base and surrounding the same is an annular rib 17 and secured to the lower end of sleeve 4 are a plurality of hooks 18 which project down and engage over said rib and which hold the table upon its base when it is desired to bodily lift the table and remove it from one place to another. Secured to one leg of the base is a foot pedal 19 and underneath said base is a bell crank 20. One arm of this bell crank is connected to the foot pedal by means of a rod 21 and the other end of the bell crank is attached to the lower end of rod 22, which extends up through the base 1 and whose upper end

projects into a recess in the sleeve 4. Surrounding the upper end of this rod 22 is a coil spring 23 whose upper end is secured to said rod and whose lower end rests upon a shoulder of the base 1 and the resistance of this coil spring normally operates to elevate the rod 22 and hold the upper end thereof in the recess of the sleeve 4 and said sleeve and the portion 3 of the table supported thereby and thus normally held against rotation.

In clearing away all of the articles from the table, it is sometimes desirable that the entire table rotate, so as to bring the different articles thereon within easy reach. In such cases, the foot lever 19 may be depressed, which will operate through the rod 21 and the bell crank 20 to withdraw the upper end of rod 22 from its recess in the sleeve 4 and the normally stationary portion of the table is thus permitted to rotate upon its bearings 6. When the foot pedal 19 is released the spring 23 operates to force the upper end of rod 22 in to said recess and the sleeve 4 and the portion of the table supported thereby are rendered rigid with the base.

What we claim is:—

1. A device of the character described, including a suitable base and a shaft rigid therewith and projecting upwardly therefrom, a rotatable sleeve surrounding said shaft and resting upon said base, means for locking the sleeve against rotation relative to the base, a table rim supported by said sleeve and rigid therewith and having its central portion removed, a rotatable table arranged centrally with respect to the rim and having an annular groove around its under side, a flange surrounding the central opening of the rim and rigid with said rim, whose upper edge projects into the groove of said table, a socket member rigid with the table and depending from the central portion thereof and fitting over the upper end of the said shaft and rotatable thereon and resting upon the upper end of said rotatable sleeve.

2. A device of the character described including a suitable base and a shaft extending upwardly therefrom and rigid therewith, a rotatable sleeve loosely surrounding said shaft and resting upon said base, and means for locking the sleeve rigid with the base, an annular rib surrounding the upper portion of said base, a flexible hook secured to the lower end of said sleeve and engaging over said rib, a table rim supported by said sleeve and rigid therewith, a rotatable table centrally located with respect to the rim, a depending socket member rigidly secured to the central portion of said table and depending therefrom and fitting over the upper end of said shaft and rotatable thereon and resting upon the upper end of said rotatable sleeve.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

JESSE M. BRYANT.
JOHN LIND.

Witnesses:
MAY MONTGOMERY,
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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."