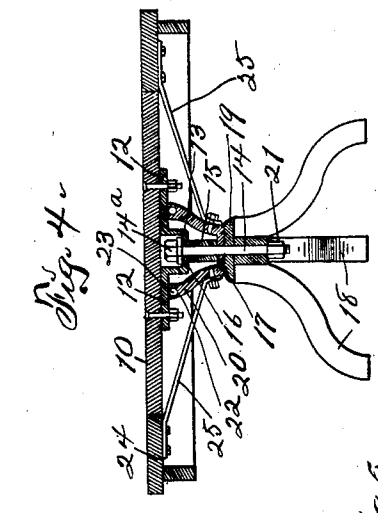
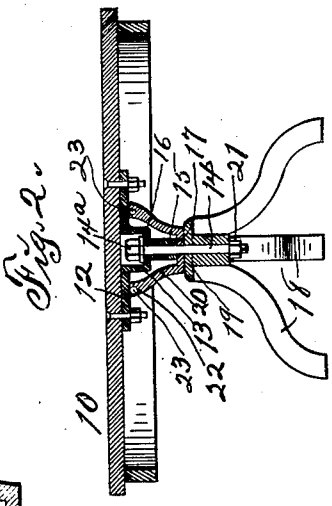
A. M. STOVER.

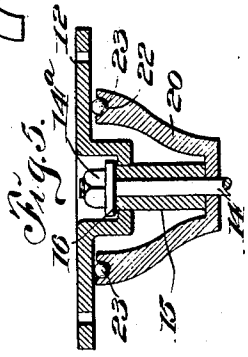
ROTATABLE TABLE.

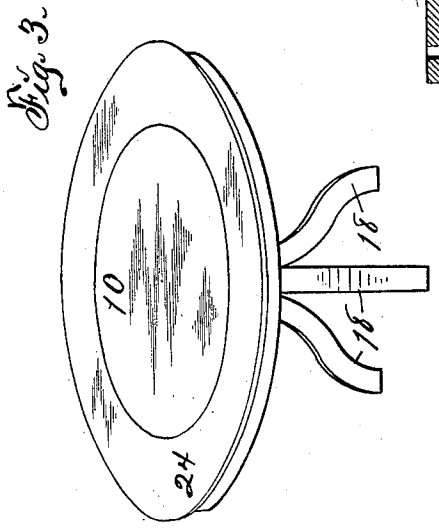
APPLICATION FILED JAN. 11, 1908.

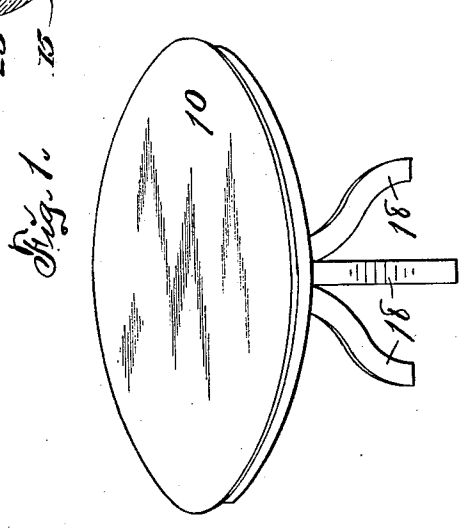
907,649. Patented Dec. 22, 1908.











Attest:
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R. H. Orwig.

Inventor:
Alice M. Stover,
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Attys

UNITED STATES PATENT OFFICE.

ALICE M. STOVER, OF GUTHRIE CENTER, IOWA.

ROTATABLE TABLE.

No. 907,649. Specification of Letters Patent. Patented Dec. 22, 1908.

Application filed January 11, 1908. Serial No. 410,839.

To all whom it may concern:

Be it known that I, ALICE M. STOVER, a citizen of the United States, residing at Guthrie Center, in the county of Guthrie and State of Iowa, have invented a new and useful Rotatable Table, of which the following is a specification.

My object is to provide a simple, strong and durable table that can be advantageously rotated relative to persons seated around it in such a manner that the table legs or supports will not contact with persons seated around the table and that dishes and objects on the table can successively be brought within reach of each person without lifting or handling the dishes, food and the like upon the table.

My invention consists in the construction, arrangement and combination of parts as hereinafter set forth, pointed out in my claims and illustrated in the accompanying drawings, in which:—

Figure 1 is a perspective view of the table and Fig. 2 a vertical sectional view that shows the forms of different parts and the manner of detachably combining them. Figs. 3 and 4 show a modification in which there is a stationary part surrounding the rotatable central portion. Fig. 5 is a detail view, on an enlarged scale, of parts of the structure.

The numeral 10 designates a circular table made of wood in any style of art desired and that may vary in size and weight. To the under side and center of the table 10 is fixed a circular metal plate 12 formed with an integral central chamber 13 on its lower surface and a bolt hole in its center. A bolt 14, screw-threaded at its ends and provided with a collar 15 on its middle portion to produce annular shoulders 16 and 17, is extended up through the bolt hole in the bottom of the chamber 13 and secured to said chamber by a nut 14^a. A base, preferably formed complete in one piece by molding, is provided and consists of legs 18 and a circular head 19 having a central bolt hole to admit the lower end of the bolt 14. A cylindrical frustum-shaped hollow casting 20 is fitted on the top of the head 19 of the base and is provided with an aperture in its lower end for the passage of the bolt 14. The lower end portion of the bolt 14 also extends through the head 19 and is secured thereto by a nut 21. The annular rim of the casting 20 is provided with a continuous annular groove 22 adapted to contain balls 23 in contact with the plate 12, as shown in Fig. 2. A stationary circular rim 24 may be mounted circumferentially of and surround the rotatable central table 10 and be supported by braces 25 fixed thereto and to the hollow casting 20 as shown in Fig. 4, or in any suitable way that will retain said rim stationary while the central part 10 is rotated as required to bring dishes and food thereon within reach of guests around the table. All the parts are thus securely combined in such a manner that the top 10 can be rotated intermittently in either direction at pleasure while the base stands firm upon the floor.

Having thus set forth the purposes of my invention, its construction and manner of use, the practical operation and utility thereof will be obvious.

What I claim as new and desire to secure by Letters-Patent, is:—

1. A rotatable table, comprising a base member, a hollow casting on said base member, a plate mounted loosely on said casting and formed with a chamber centrally located and projecting downward from said plate into said casting, the bottom wall of said chamber formed with an aperture, a bolt mounted through said base member, casting and chamber and pivoting them together, and a table-top fixed to said plate and crossing the chamber therein.

2. A rotatable table, comprising a base member, a hollow casting on said base member, a plate mounted loosely on said casting and formed with a chamber centrally located and projecting downward from said plate into said casting, the bottom wall of said chamber formed with an aperture, a bolt mounted through said base member, casting and chamber and pivoting them together, a table top fixed to said plate and crossing the chamber therein, the rim of said table-top being circular, and a ring surrounding and in the same plane as said table-top and connected by supports to said hollow casting.

3. A rotatable table, comprising a circular table top, a circular metal plate, having a central chamber on its lower side formed with a bolt hole in its center, fixed to the lower side and center of the table top, a frustum-shaped hollow casting, having an aperture in its bottom and a continuous raceway in its top, balls in the raceway, said plate resting on said balls, a base member formed with a vertical bolt hole and carry-

ing said casting, a screw bolt mounted through said base member, casting and plate, a collar on said bolt within said casting, and nuts on the ends of said bolt.

4. A rotatable table, comprising a circular rotatable table top, a circular metal plate, having a central chamber on its lower side formed with a bolt hole in its center, fixed to the lower side and center of the table top, a frustum-shaped hollow casting formed with an aperture in its bottom and a raceway in its top, balls in the raceway carrying said plate, a base member, a screw bolt mounted through said base member, casting and plate, nuts on the ends of the bolt, an annular top section surrounding and in the same plane as said circular top, and supports for said annular section connected to said hollow casting.

5. A rotatable table, comprising a base formed with a bolt hole, a hollow casting formed with a bolt hole in its lower end and a raceway in its top, said casting resting on said base, balls in said raceway, a circular plate mounted on said balls and formed with a circular chamber on its lower side and a bolt hole in the bottom and center of the chamber, a circular table top fixed to the plate, a bolt mounted through said base, casting and plate and being screw threaded on its ends, a collar on said bolt between said chamber and the bottom of the hollow casting, and nuts on the ends of the bolt.

6. A rotatable table, comprising a base formed with a circular head having a vertical bolt hole, a hollow casting formed with a bolt hole in its lower end and a raceway in its top, said casting resting on the head of the base, balls in said raceway, a circular plate mounted on said balls and formed with a circular chamber on its lower side and a bolt hole in the bottom and center of the chamber, a circular table top fixed to said plate, a bolt mounted through said base, casting and plate and being screw threaded on its ends, a collar on said bolt between said chamber and the bottom of the hollow casting, nuts on the ends of the bolt, an annular top section surrounding and in the same plane as said circular top, and supports for said annular section connected to said hollow casting.

Signed by me at Des Moines, Iowa, this seventh day of January, 1908.

ALICE M. STOVER.

Witnesses:
S. C. SWEET,
L. L. LEIBROCK.