C. CLAUS.

DINING ROOM TURNTABLE.

APPLICATION FILED SEPT. 10, 1920.

1,393,202.

Patented Oct. 11, 1921.

Fig. 1.

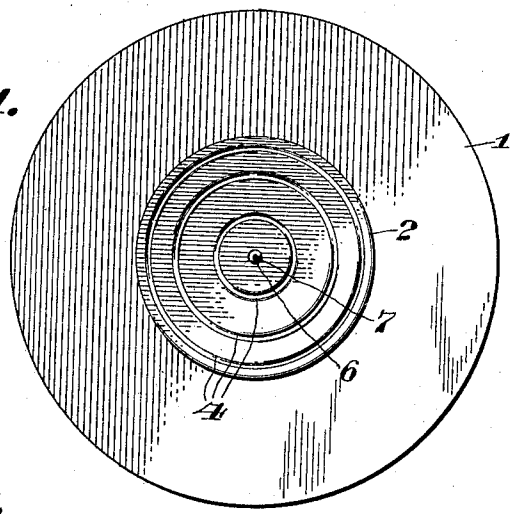


Fig. 2.

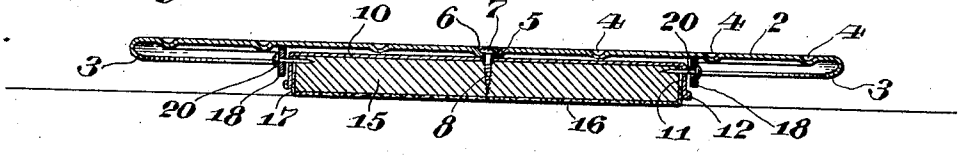
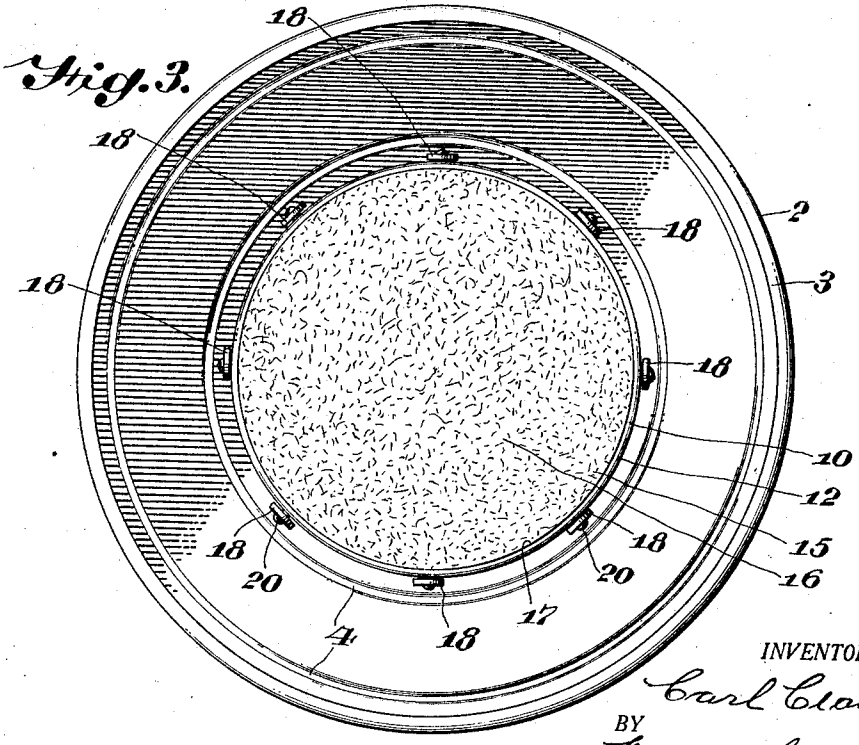


Fig. 3.



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DINING-ROOM TURNTABLE.

1,393,202. Specification of Letters Patent. Patented Oct. 11, 1921.

Application filed September 10, 1920. Serial No. 409,316.

To all whom it may concern:

Be it known that I, CARL CLAUS, a citizen of Germany and a resident of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented an Improvement in Dining-Room Turntables, of which the following is a specification.

In order that the service of food by one person at a table to others seated around the same table may be facilitated, turn tables are provided which are supported upon such table, preferably at its center. The food to be served is placed in a plate, bowl or the like, which is placed upon the turn table, and the latter is then turned so as to convey or transport the plate, bowl or the like with the food contained therein to a position where it may be conveniently reached and removed by the person being served and for whom it was intended by the server.

By the employment of a device of this character the services of a "waiter" to carry the plates, bowls or the like from the person at the table serving the food to the person being served may be dispensed with.

It is one of the objects of my invention to provide a dining room turn table which is light, strong and durable and which may be manufactured at a minimum cost.

It is also an object of my invention to provide a dining room turn table having an improved construction of base which provides a wide support for the rotatable table and which is low and relatively flat so that the said rotatable table is situated but a short distance above the dining room table or other support. By thus providing a wide support for the table top the likelihood of the devices being upset is eliminated.

A further and more specific object of my invention is to provide a base for a dining room turn table having wheels mounted at intervals in a circle at a distance from and concentric with the axis of the base and of the turn table, the said wheels being mounted upon pivots which extend radially with rspect to the said axis.

I have made no attempt to enumerate all of the objects of my invention and the advantages incident thereto, but other objects and advantages thereof will be pointed out in the detailed description which follows or will be apparent from such description.

In order that my invention may be readily understood and its practical advantages fully appreciated, reference may be had to the accompanying drawing in which I have illustrated one form of a convenient embodiment thereof. However, it is to be understood that my invention is susceptible of embodiment, within the scope of the claims, in other forms of construction than that shown.

In the drawing:

Figure 1 is a top plan view of a turn table embodying my invention and of a dining room table upon which the same is supported;

Fig. 2 is a transverse sectional view of the turn table shown in Fig. 1 embodying my invention; and

Fig. 3 is a bottom plan view of the same.

Referring to the drawing: 1 designates the top of a circular dining room table and 2 the top of a dining room turn table supported upon the table 1. In the construction shown the top 2 of the turn table consists of relatively thin plate metal, the outer edge of which is turned downwardly and inwardly as indicated at 3 to provide a more ornamental finish and also to stiffen and strengthen the plate. The plate 2 constituting the top of the turn table is provided with a number of concentric grooves as indicated at 4, their purpose being to stiffen and strengthen the plate.

The top 2 is pivotally secured at its center to the supporting base of the structure.

In the construction as shown the top is provided with an opening 5 surrounded by a countersunk portion 6 in which is seated the head 7 of a screw 8 which extends into the base and constitutes a pivot for the top 2.

In the construction as shown the base comprises a cap portion 10 of thin sheet metal or other suitable material. This cap is provided with a flange 11, the outer, lower edge of which is turned up or beaded, as indicated at 12. The presence of this turned up or beaded portion not only produces a more finished appearance but serves to increase the strength of the cap structure.

15 designates a filler, preferably consisting of wood because of its lightness, but such filler may consist of any other material as may be desired, which is situated within the space or chamber formed by the flange 11 and against the lower or inner side of the cap 10. The cap 10 is provided with an opening through which the screw 8 extends. The screw 8 not only serves as a pivot for

the table top 2, but also serves to, in part, secure the cap 10 and the filler 15 together.

It will be apparent that other means than the screw 8 may be employed for pivotally connecting the table top 2 and the base together.

The diameter of the filler 15 is slightly less than the internal diameter of the flange 11 as is shown in Fig. 2 of the drawing. The purpose of this relationship is to provide means whereby the covering of textile fabric or other suitable material 16 upon the lower side of the filler 15 may be readily secured in place, which may be accomplished by pushing or forcing the outer edges 17 of the said covering into the space between the filler 15 and the flange 11.

The outer portion of the turn table top 2 rests upon and is supported by small wheels 18 which are rotatably mounted upon headed pivots 20. These pivots extend through holes in the flange 11 and into the filler 15 and are arranged radially with respect to the axis of rotation of the top 2. The wheels are retained on the pivots 20 by the heads of the latter and are situated in planes which extend tangentially of the flange 11. In addition to serving as pivots the parts 20 also constitute additional means for securing the cap 10 to the filler 15.

One purpose of the filler 15 and of the covering 16 therefor is to provide means for preventing the metallic portion of the structure from resting upon or contacting with the top, smooth, usually polished surface of a dining room table upon which the turn table device is supported. It will be understood that other means for accomplishing the same end may be substituted without departing from the principle of my invention and it will further be understood that various changes and modifications in the construction may be embodied without departing from my invention as the same is defined and set forth in the claims which follow.

What I claim, and desire to secure by Letters Patent, is:

1. In a dining room turn table, the combination of a top consisting of relatively thin sheet metal, a base comprising a cap provided with a flange at its outer edge and a filler situated within the said flange, means for securing the said top to the said base, the said means also connecting the said cap to the said filler, pivots situated at the outer edge of the said base and extending through the said flange into the said filler and constituting additional means for securing the cap and filler together, and rotatable wheels mounted upon said pivots and rotatably supporting the outer portion of the said top.

2. A dining room turn table comprising a base, said base including a metallic cap portion having a depending flange at its outer edge, rotatable top supporting devices secured to the said base, and non-metallic means having connection with the said flange for contacting with the table or other support upon which the said turn table is situated.

3. A dining room turn table comprising a base, the said base including a metallic cap portion having a flange at its outer edge, a filler situated within the said cap portion, the diameter of the said filler being less than the internal diameter of the said flange, means for securing the said cap portion and the said filler together, and a covering for the lower side of said filler, the outer edge of said covering being inserted into the space between the said filler and the said flange for securing the said cover in place.

4. A dining room turn table comprising a base, the said base including a metallic cap portion provided with a flange at its outer edge, a filler situated in the space formed by the said flange, the diameter of said filler being less than the internal diameter of said flange, a plurality of devices at the outer edge of the said base for securing the said cap and filler together, and a rotatable wheel on each of said devices for rotatably supporting the outer portion of the turn table top.

5. A dining room turn table comprising a base, the said base including a metallic cap portion provided with a flange at its outer edge, a filler situated in the space formed by the said flange, the diameter of said filler being less than the internal diameter of said flange, a plurality of devices at the outer edge of the said base for securing the said cap and filler together, a rotatable wheel on each of said devices for rotatably supporting the outer portion of the turn table top, and a covering of textile material upon the bottom of said filler, the edges of said covering extending into the space between the said filler and the said flange whereby the said covering is retained in position upon the said filler.

6. A dining room turn table, comprising a base including a flanged cap member, a filler situated within the flange of said cap member, devices extending through openings in said flange into said filler for securing the cap and filler together, and rotatable members on the said devices for supporting the outer portion of the top of said table.

In testimony that I claim the foregoing as my invention, I have hereunto signed my name this 30th day of August, A. D. 1920.

CARL CLAUS.