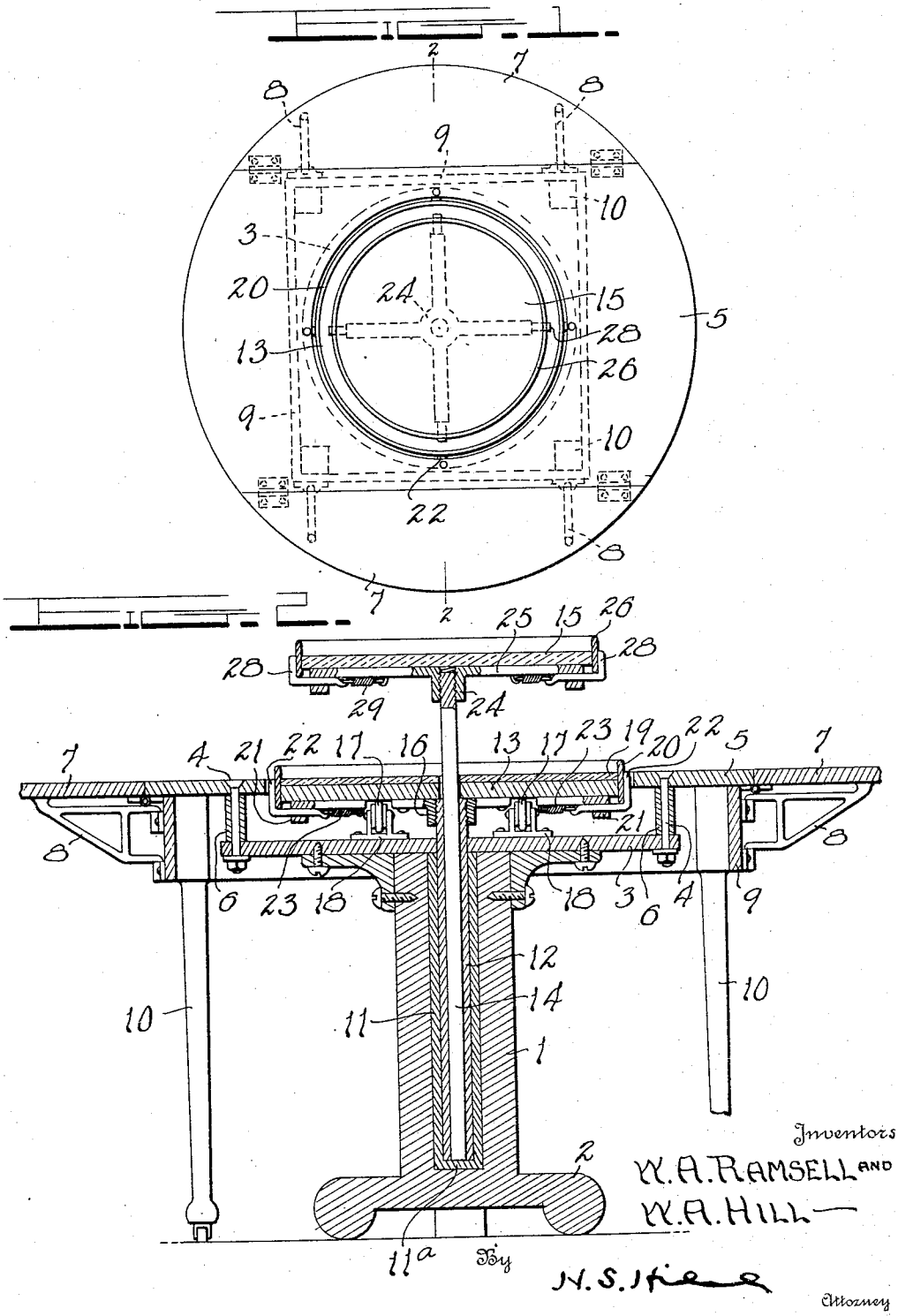
W. A. RAMSELL & W. A. HILL.

DINING TABLE.

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1,183,114. Patented May 16, 1916.



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DINING-TABLE.

1,183,114. Specification of Letters Patent. Patented May 16, 1916.

Application filed July 22, 1915. Serial No. 41,225.

To all whom it may concern:

Be it known that we, WILLIAM ALBERT RAMSELL and WILLIAM ADAM HILL, both citizens of the United States, residing at Jerome, in the county of Somerset and State of Pennsylvania, have invented certain new and useful Improvements in Dining-Tables, of which the following is a specification.

The present invention relates to certain new and useful improvements in self waiting dining tables, and has for its object to provide a table of this character which embodies novel features of construction whereby a revolving center part can be readily mounted upon the table and used for serving food.

Further objects of the invention are to provide a device of this character which is comparatively simple and inexpensive in its construction, which can be used either as an ordinary table or as a dining table, which comprises few and durable parts such as are not liable to get out of repair, and which can be easily cleaned.

With these and other objects in view, the invention consists in certain novel combinations and arrangements of the parts as will more fully appear as the description proceeds, the novel features thereof being pointed out in the appended claim.

For a full understanding of the invention, reference is to be had to the following description and accompanying drawing, in which:—

Figure 1 is a top plan view of a dining table constructed in accordance with the invention. Fig. 2 is a vertical sectional view through the same.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawing by the same reference characters.

Specifically describing the present embodiment of the invention, the numeral 1 designates the central pedestal which may be substantially cylindrical in shape, as shown, and which is provided at the base thereof with the usual feet 2. A shelf 3 which is substantially circular in shape is mounted upon the top of the pedestal 1, said shelf being connected at its periphery by means of bolts 4 to the top 5. The top 5 is formed with a central opening which is somewhat smaller in diameter than the shelf 3 and is arranged slightly above the shelf, spacing sleeves 6 which surround the bolts 4 being interposed between the shelf 3 and the top 5. The top 5 may be provided at opposite sides thereof with hinged leaves 7 mounted to be collapsed when not in use. Swinging brackets 8 are provided for holding the leaves 7 in a raised position, said swinging brackets being shown as hinged to strips 9 arranged under the top 5 and connecting the four corner legs 10. This construction admits of the leaves 7 being either collapsed or swung upwardly into operative position, as desired.

The pedestal 1 is formed with an axial bore extending into the same from the upper end thereof, and a tubular bearing sleeve 11 is permanently fitted into the bore, the lower end of the bearing sleeve being preferably closed as indicated at 11^a. A tubular shaft 12 is mounted within the bearing sleeve 11 and carries a lower revolving center 13, while a second shaft 14 is mounted within the tubular shaft 12 and carries an upper revolving center 15.

The upper end of the tubular shaft 12 is provided with a head 16 which is secured to the lower revolving center 13, said revolving center 13 resting upon anti-friction rollers 17 journaled within brackets 18 which are secured to the central shelf 3. A removable plate 19 of glass or other suitable material rests upon the lower revolving center 13, the two members 13 and 19 being surrounded by a metallic band 20 which assists in holding the glass plate in proper position and projects upwardly above the same so as to prevent dishes or the like from being thrown therefrom when the revolving center is rotated. Guide members 21 are secured to the lower face of the revolving center 13, and have retaining claws 22 slidably mounted therein, the outer ends of the retaining claws being bent laterally so as to engage the band 20, while the inner ends thereof are engaged by coil springs 23. The glass plate 19 and metallic band 20 can be bodily removed and thoroughly cleansed at any time, although they are normally gripped and held securely in position by the action of the spring claws 22.

The second shaft 14 extends upwardly through central openings in the lower revolving center 13 and glass plate 19, and is provided at its upper end with a head 24 formed with radiating arms 25 upon which the upper revolving center 15 rests. The revolving center 15 is preferably formed

of a glass plate which is removably mounted in position so that it can be easily kept in a clean and sanitary condition. A metallic band 26 surrounds the revolving center 15 and preferably projects upwardly above the same to prevent articles from being thrown from the revolving center when it is rapidly rotated. The outer ends of the arms 25 of the head 24 are provided with guides 27 within which claws 28 are slidably mounted, the outer ends of the claws being bent laterally so as to engage the metallic band 26, while the inner ends thereof are connected to springs 29 which normally hold the claws in operative position. In order to remove the upper revolving center 15 it is merely necessary to first pull the retaining claws 28 outwardly a sufficient amount to release the metallic band 26, and this construction admits of the glass plate being easily and thoroughly cleansed without difficulty. The lower end of the shaft 14 rests upon the closed end 11^a of the tubular bearing sleeve 11 so as to hold the upper revolving center 15 in an elevated position above the lower revolving center 13. The two revolving centers can be turned independently of each other, and a construction is provided which admits of food being served without confusion or difficulty. It will be understood that the table can be used either with or without the four corner legs 10, and that if desired these corner legs may be omitted and the entire table supported from the central pedestal 1.

Having thus described the invention, what we claim as new and desire to secure by Letters Patent, is:—

A self waiting dining table including a pedestal, a shaft journaled within the pedestal, a head at the upper end of the shaft, a revolving center plate removably applied to the head, spring actuated jaws carried by the head for retaining the revolving center plate in position thereon, and a band surrounding the revolving center and projecting above the surface thereof to prevent articles from sliding therefrom, said band being interposed between the spring actuated jaws and the revolving center plate.

In testimony whereof we affix our signatures in presence of two witnesses.

WILLIAM ALBERT RAMSELL.
WILLIAM ADAM HILL.

Witnesses:
BERT W. SHAWLEY,
FLOYD W. REAM.

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