No. 688,753. Patented Dec. 10, 1901.

E. R. STORRS.

SELF WAITING ATTACHMENT FOR TABLES.

(Application filed Mar. 30, 1901.)

(No Model.)

Fig. 1.

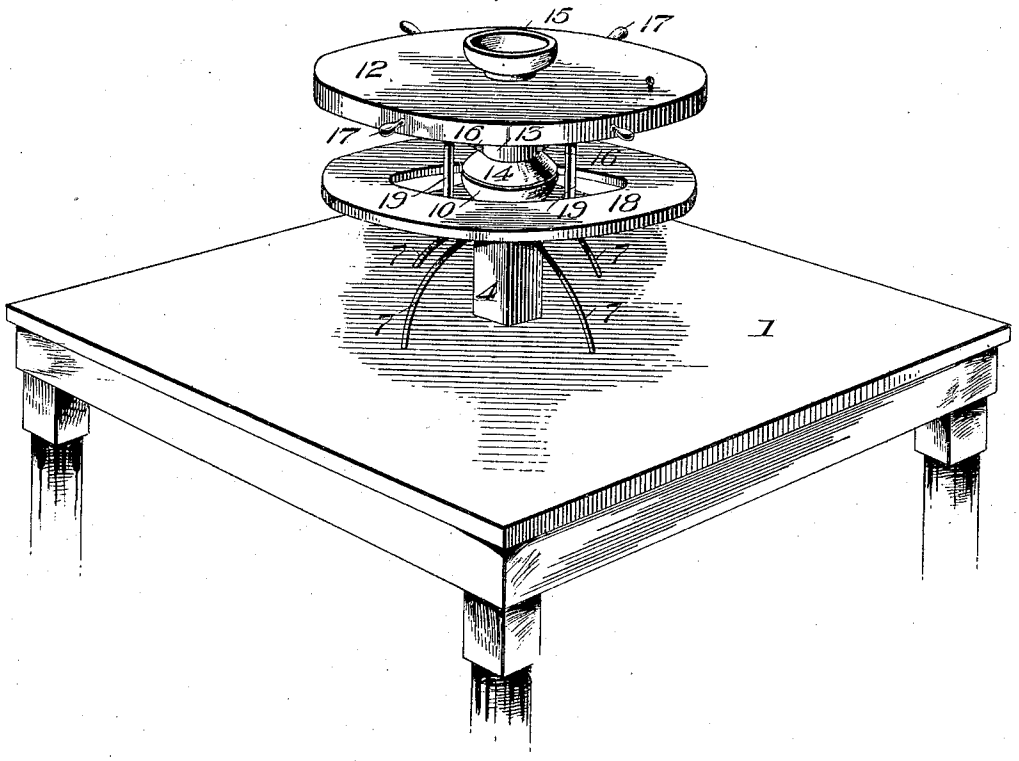
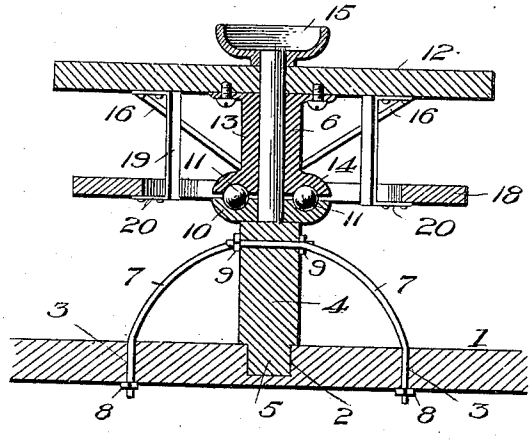


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

EUGENE ROSWELL STORRS, OF CRIPPLECREEK, COLORADO.

SELF-WAITING ATTACHMENT FOR TABLES.

SPECIFICATION forming part of Letters Patent No. 688,753, dated December 10, 1901.

Application filed March 30, 1901. Serial No. 53,663. (No model.)

To all whom it may concern:

Be it known that I, EUGENE ROSWELL STORRS, a citizen of the United States, residing at Cripplecreek, county of Teller, State of Colorado, have invented certain new and useful Improvements in Self-Waiting Attachments for Tables, of which the following is a specification.

This invention relates to self-waiting tables, and more particularly to self-waiting attachments for tables.

The object of the invention is the provision of a simple and inexpensive self-waiting attachment which can be easily applied to an ordinary table or readily removed therefrom and which will be of knockdown construction, so that it can be taken apart for packing, repairing, or other purposes, and will be adapted when in use to hold the dishes from which the food is to be supplied to the individual plates at the table and so as to be capable of easy operation to bring any given dish around to the person wishing the same.

Having the foregoing object in view, the invention consists of a waiting attachment comprising certain improved features and novel combinations of parts set forth in detail hereinafter in the specification and the novel features thereof recited in the appended claims.

In the accompanying drawings, Figure 1 is a perspective view of the invention as applied to a dining-table, and Fig. 2 a sectional view.

The numeral 1 designates the top of an ordinary dining-table, which to adapt it for the attachment of the present invention is provided with a squared opening 2 at its center and apertures 3.

The numeral 4 designates a standard having a squared tenon 5, which is snugly received in the opening 2, whereby the standard is held rigid, and a reduced spindle 6. To insure the rigidity of the standard, I provide braces 7, which have their lower ends passed through the openings 3 and secured by nuts 8 and their upper ends similarly secured by nuts 9 to the standard. Resting on the upper end of the squared portion or trunk of the standard is a ball-cup 10, containing antifriction balls or bearings 11 and fitted over the spindle 6. The self-waiting table proper, 12, is provided with a downwardly-extending sleeve 13, terminating in an upper ball-cup 14, which rests on top of the balls, the spindle 6 passing loosely through said sleeve to the table 12. The table proper is thus pivotally mounted on the spindle, and the upper end of the latter projects above the table for the reception of a removable holder 15, on which a lamp or flower-pot may be placed. Braces 16 are provided to connect the table proper with its sleeve, and thus insure its rigidity, and pins or handles 17 are provided in the periphery of the table to facilitate the turning of the same.

I provide a shelf or supplemental table 18, in the form of an annulus, which is suspended from the table proper by hangers 19, coming down within the open space of the said supplemental table and provided with the feet 20, which extend underneath and are secured to it. The supplemental table is thus perfectly rigid with the table proper and adapted to turn therewith.

The various dishes containing the foods to be consumed by the persons at the table are placed on both the table proper and the supplemental table, and as any person wishes a dish which happens to be on the far side of the table from him he gently turns the table to bring that dish around opposite his plate, which will be on the main table 1, thus easily being served without having to request the passing of the dish by any other person at the table or by a waiter. The employment of the ball-bearings renders the turning of the table, no matter how heavily loaded, an easy matter.

The construction being essentially a knockdown construction, the device can be readily set up or taken apart, according to requirements, and it is obvious that it can be applied to any ordinary dining-table by simply boring the holes for the braces and the mortise or opening for the tenon of the standard.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a knockdown, detachable self-waiting attachment for tables, the combination with a standard removably attached to and rising from the main table and provided with a spindle and a shoulder, of a removable ball-cup on the spindle and resting on the shoulder, a self-waiting table proper having a sleeve pro-

vided with a ball-cup at its lower end and journaled loosely on the spindle, and balls interposed between the ball-cups.

2. In a knockdown, detachable self-waiting attachment for tables, the combination with a standard removably attached to and rising from the main table and provided with a spindle and a shoulder, a ball-cup resting on the shoulder and surrounding the spindle, a self-waiting table proper having a depending sleeve provided with a ball-cup and loose on the spindle, balls interposed between said cup and the upper end of the spindle projecting above the said self-waiting table proper, a removable support fitted over said projecting end of the spindle, a supplemental self-waiting table in the form of an annulus surrounding the standard but not connected thereto, and hangers suspending the supplemental self-waiting table from the self-waiting table proper.

In testimony whereof I hereunto affix my signature in presence of two witnesses.

EUGENE ROSWELL STORRS.

Witnesses:
M. E. O'BRYAN,
ZENO FELDER.