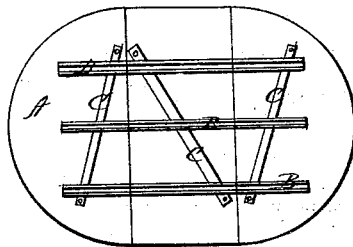
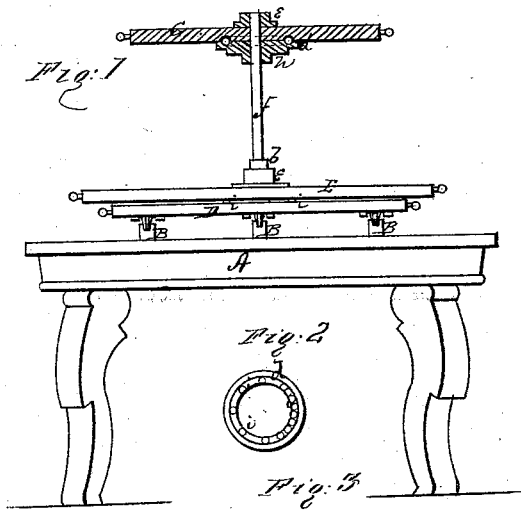


*M. F. Boyd,*

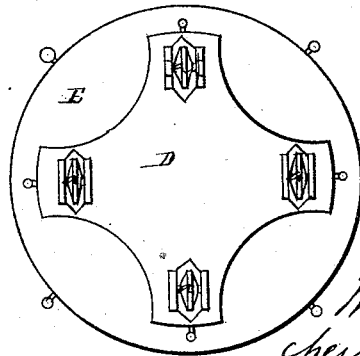
*Dining Table.*

*No. 106,460.*

*Patented Aug 16. 1870.*



*Fig. 4*



Witnesses  
*C. L. Everett*  
*A. H. Mann*

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# United States Patent Office.

MINOR P. BOYD, OF UNIONVILLE, SOUTH CAROLINA.

Letters Patent No. 106,460, dated August 16, 1870.

## IMPROVED DINING-TABLE.

The Schedules referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, MINOR P. BOYD, of Unionville, in the county of Union and in the State of South Carolina, have invented certain new and useful Improvements in Dining-Tables; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon; making a part of this specification.

The nature of my invention consists in the construction and arrangement of a "dining-table," with a track and movable revolving dish-stand, as will be hereinafter fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a side elevation of the table, with the dish-stand, complete;

Figure 2 is a bottom view of a box with balls inserted in the under side of the dish-stand;

Figure 3 is a plan view of the table; and

Figure 4 is a bottom view of the carriage and dish-stand.

A represents an extension table, made in any of the known and usual ways, on top of which the table-cloth is supposed to be spread.

On top of the cloth are then laid three rails, B B, as shown in fig. 3. These rails are all made in sections, corresponding in length with the width of the leaves of the table, and the sections for the end pieces of the table are of such length as to leave sufficient room at the ends for the persons seated at the same.

The sections of the rails for each end piece and for each leaf are secured to a bar, C, running diagonally, and which bar is secured to the table by means of a screw at each end, said screws passing through eyelet-holes worked in the table-cloth for that purpose.

On the rails B B is placed the carriage D, provided, on its under side, with four small wheels or rollers, *a a*, two of which run on the center rail, and one on each of the side rails.

From the center of the carriage D a tube, *b*, projects upward for a suitable distance, and said tube passes through the center of a disk, E.

In the under side of the disk E is inserted a circular box, *d*, around the center hole through which the tube *b* passes, and in said box is a circular groove,

corresponding with a similar groove in the top of the carriage D.

In these grooves is placed a number of small balls, *i i*, upon which the disk E thus rests, and can easily be revolved.

On the tube *b* above the disk E is placed a flanged collar, *c*, which holds the disk down in its place, but does not prevent it from revolving around its center.

The dishes containing the various articles of food are placed on the disk E, and can readily be moved on the carriage from one end of the table to the other, and the disk revolved so as to bring the desired dish near the person wanting the same.

If there should not be room enough on the disk E for all the dishes, a shaft, *f*, is placed in the upper end of the tube *b*, and on said shaft, at a suitable height above the disk E, is secured a flanged collar, *h*, with a grooved box, *d*, on top.

This box is similar to the one of same letter above described, and provided with balls *i i*.

On top of this is placed another, smaller disk, G, with a circular groove in its under side for the balls *i i* to work in, the shaft *f* passing up through the center of said disk.

On the upper end of the shaft *f* is placed another flanged collar, *e*, to hold the disk G down in its place, but, at the same time, allow it to revolve around the shaft independent of the first disk E.

In the same manner any number of disks may be arranged one above the other, and each revolving independently of the others.

Having thus fully described my invention,

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

1. In combination with a table, the detachable grooved track B and the carriage D, provided with rollers or wheels *a a*, substantially as and for the purposes herein set forth.

2. The combination of the sectional track B, carriage D, and a series of independently-revolving disks, E G, all constructed and arranged substantially as shown and described, and for the purposes herein set forth.

In testimony that I claim the foregoing, I have hereunto set my hand this 2d day of August, 1870.

MINOR P. BOYD.

Witnesses:

A. N. MARK,  
JOHN M. STROOPS.