J. F. SCHULTZ.

Self-Waiting Tables.

No. 139,267. Patented May 27, 1873.

Fig. I

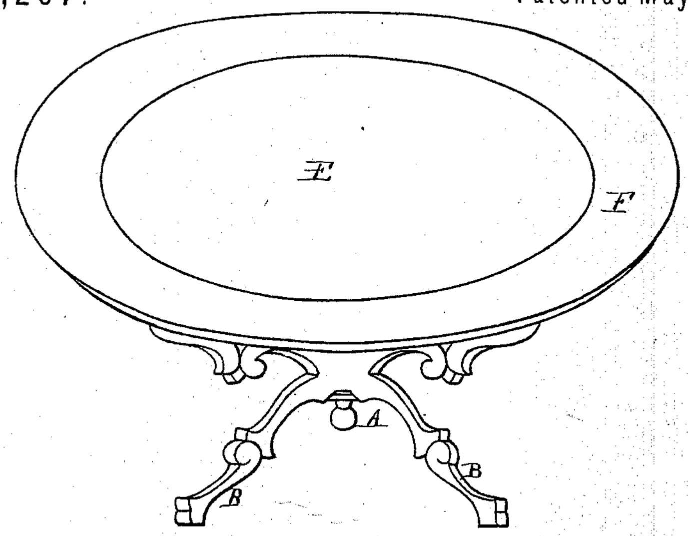


Fig. II

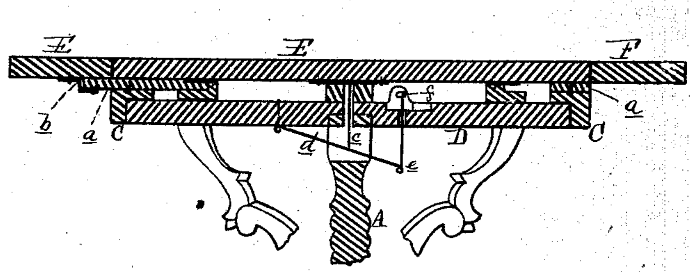
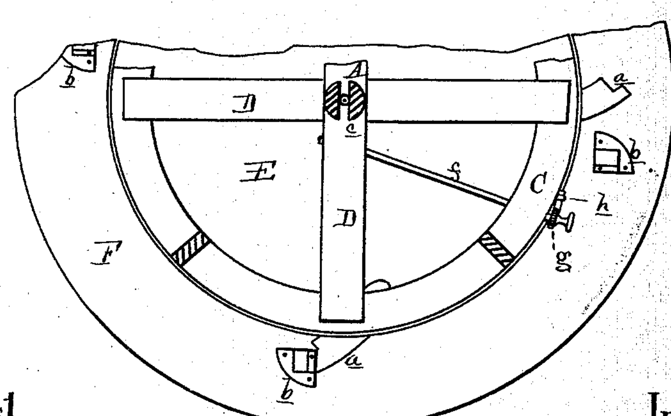


Fig. III



Attest

H. J. Sprague

Theo. S. Day

Inventor

John F. Schultz

By atty —

Thos S Sprague

UNITED STATES PATENT OFFICE.

JOHN F. SCHULTZ, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN SELF-WAITING TABLES.

Specification forming part of Letters Patent No. **139,267**, dated May 27, 1873; application filed March 18, 1873.

To all whom it may concern:

Be it known that I, JOHN F. SCHULTZ, of Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Revolving Dining-Tables; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawing, and to the letters of reference marked thereon, and being a part of this specification, in which—

Figure 1 is a perspective view of my table. Fig. 2 is a cross-section. Fig. 3 is a bottom plan.

Like letters refer to like parts in all the figures.

This invention consists in the combination of certain ratchets, pawls, rod, cord, bridge-tree, spindle, with a stationary frame, central revolving and vertical adjustable top and outer detachable rim, as will be fully described hereinafter.

In the drawing, A represents a central standard, from which radiate four legs, B, which, at the top, support a table-rim, C, secured to them. The top of the standard is mortised through the crossed braces D at their intersection, and these latter have their outer ends mortised in the rim C. E is the table-top, fitted within the rim F, and when resting upon the rim C is supported thereby. F is an annulus or rim of wood, of the same thickness as the table-top, around which it is loosely fitted, and is supported on a plane therewith by folding brackets *a*, pivoted in mortises in the rim C, entering sockets *b*, pendent from the under side of the table-rim F, one or more of these sockets being provided with a spring-catch to prevent the disengagement of the brackets, and thus keep the said rim stationary. If preferred, the said rim may be permanently secured in place. Pendent from the center of the table-top is a spindle, *c*, which is stepped in a bridge-tree, *d*, one end of which is hinged to one of the braces D, while the other is suspended by a cord, *e*, from the end of a shaft, *f*, journaled in a bearing on the same brace, and through the rim C, where it is provided with a hand-wheel and a ratchet, *g*, with which engages a pawl, *h*, on the side of the rim C.

By turning the hand-wheel the cord *e* is wound upon the shaft, and thus elevates the table-top from its supports, when it may freely rotate with its spindle, making it very convenient for a person sitting at the table to help himself to a dish or article at a distance from him, which he brings within reach by revolving the table-top.

The bridge-tree necessarily plays in a mortise in the upper part of the standard A, down into which the spindle extends.

The table-rim F may be removed, and thus diminish the table in size, the latter being made to rotate, if so desired.

This improvement is readily applied to the round tables of ordinary construction.

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

The combination of the ratchets *g*, pawl *h*, rod *f*, cord *e*, bridge-tree *d*, and spindle *c* with the stationary frame, central revolving and vertically adjustable top, and outer detachable rim, as described.

JOHN F. SCHULTZ.

Witnesses:
WM. H. LOTZ,
EMIL HARKEY.