(No Model.)

R. T. HOLLOWELL.

SELF SERVING TABLE.

No. 490,286. Patented Jan. 24, 1893.

Fig. 1.

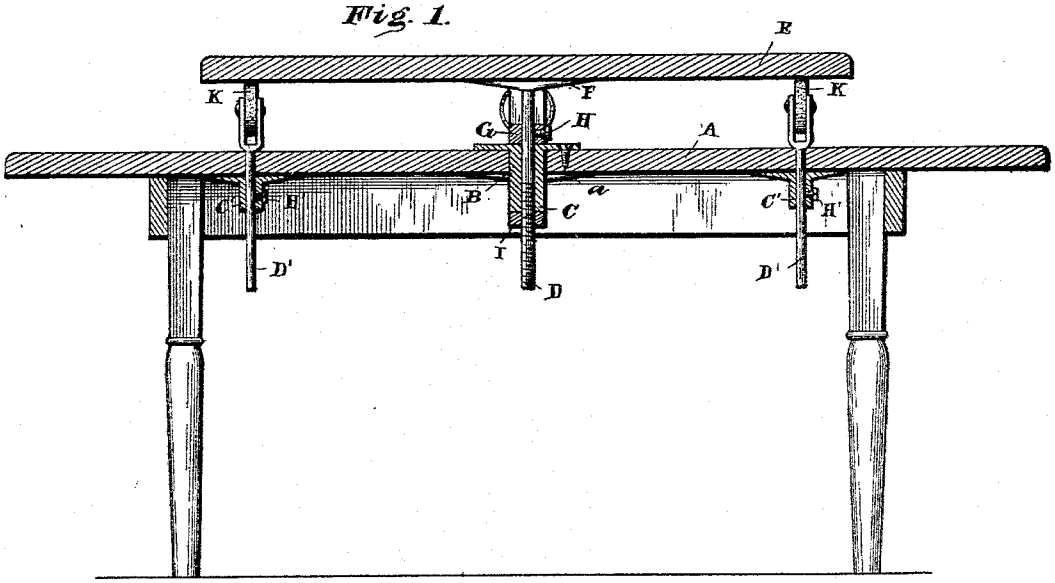


Fig. 2.

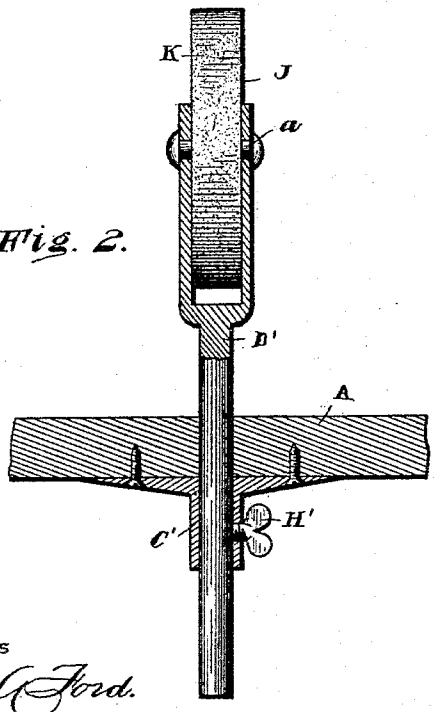
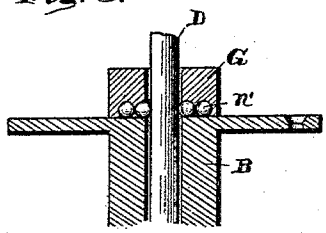


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

ROBERT T. HOLLOWELL, OF DANVILLE, INDIANA.

SELF-SERVING TABLE.

SPECIFICATION forming part of Letters Patent No. 490,286, dated January 24, 1893.

Application filed July 5, 1892. Serial No. 438,934. (No model.)

To all whom it may concern:

Be it known that I, ROBERT T. HOLLOWELL, a citizen of the United States, residing at Danville, in the county of Hendricks and State of Indiana, have invented a new and useful Self-Serving Table, of which the following is a specification.

My invention relates to that class known as self-waiting tables, wherein a supplementary superposed revoluble table is centrally located above the table proper, and is adapted to receive the edibles or victuals to be served. I am aware that heretofore tables embodying these features in general have been manufactured and used, but experience has proved that it is requisite, in tables of this construction, to devise means whereby the rotation of the supplementary top is rendered noiseless and perfect, and whereby the height of the same from the underlying table may be varied at will, or the supplementary table removed entirely from over the table proper for cleaning or moving purposes. Consequently my invention has for its object to meet the requirements enumerated, and to that end consists in certain details of construction, arrangement and combination of parts, all of which will be more fully described hereinafter, and the specific points of novelty in which will be designated in the appended claim.

Referring to the acccompanying drawings:—Figure 1 is a transverse vertical sectional view showing my invention as applied to an ordinary dining-table. Fig. 2 is a detail sectional view showing means for adjusting the casters or rollers to any required height, by the use of casting and set-screw. Fig. 3 is an enlarged detail sectional view showing the anti-friction bearing between the bearing-collar and the journal-bearing.

Like letters of reference indicate like parts in all the figures of the drawings.

A indicates an ordinary dining table having a central vertically extending aperture cut through the table leaf to admit the journal bearing B fitting in said aperture and secured by rivets passing through the horizontal circular flange, *a*, into the said table leaf. C represents a depending boss or thimble extending below the horizontal plane of the leaf and acting as a bearing surface for the journal or swivel, D, which is rigidly fastened to the supplementary leaf E by the disk-shaped plate, F, and rendered vertically adjustable in the bearing B by the collar, G, and set-screw, H, which collar can obviously be shifted vertically on the swivel and set by the screw H; the said swivel-pin being permitted to be raised by movement of the nut I on its screw-threaded lower extremity. Thus it will be seen that the supplementary leaf E can be rotated at pleasure, or can be removed entirely from its superincumbent position.

By an inspection of Fig. 1 it will be seen that I have shown an anti-friction device in the shape of a ball-bearing *n'* between the collar G and the bearing B; however any equivalent form that is cheap and durable can be substituted without further need of description or illustration.

The outer edge of the leaf E is prevented from tipping from a true horizontal plane by the anti-friction rollers or casters J adjustably secured in the usual, or any approved manner, between the two leaves of the table. I have shown means for vertically adjusting the casters J J (see Fig. 2), which will be readily understood at a glance, and which are provided in order that the said casters can be raised or lowered to suit the adjustability of the leaf E. This adjusting means consists of a rod D' bifurcated at its upper extremity to receive the transverse caster-pin, *a'*, rotatably journaled therein. The lower portion of the rod D' passes through a vertical orifice in the table leaf A, and is rendered vertically adjustable by the set-screw H' fitted in a thimble or boss C', constructed and attached similar to the boss C.

As illustrated in Fig. 2, each caster J is exteriorly coated on its tread or periphery with a material K, such as rubber, felt, or other substance to deaden the sound of the travel of the same.

Having described my invention, what I claim is:—

In a self-serving table, the combination with a stationary leaf provided with a central tubular bearing, of a superposed rotatable leaf provided with a depending central spindle mounted in said bearing, an adjustable collar G attached to the spindle and recessed at its under side to receive anti-friction balls to

bear upon the upper end of the bearing, an adjustable nut threaded upon the spindle to engage the lower end of the bearing, and vertically adjustable anti-friction rollers arranged near the periphery of the rotatable leaf, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

ROBERT T. HOLLOWELL.

Witnesses:
JOHN S. DUNBAR,
JULIAN D. HOGATE.