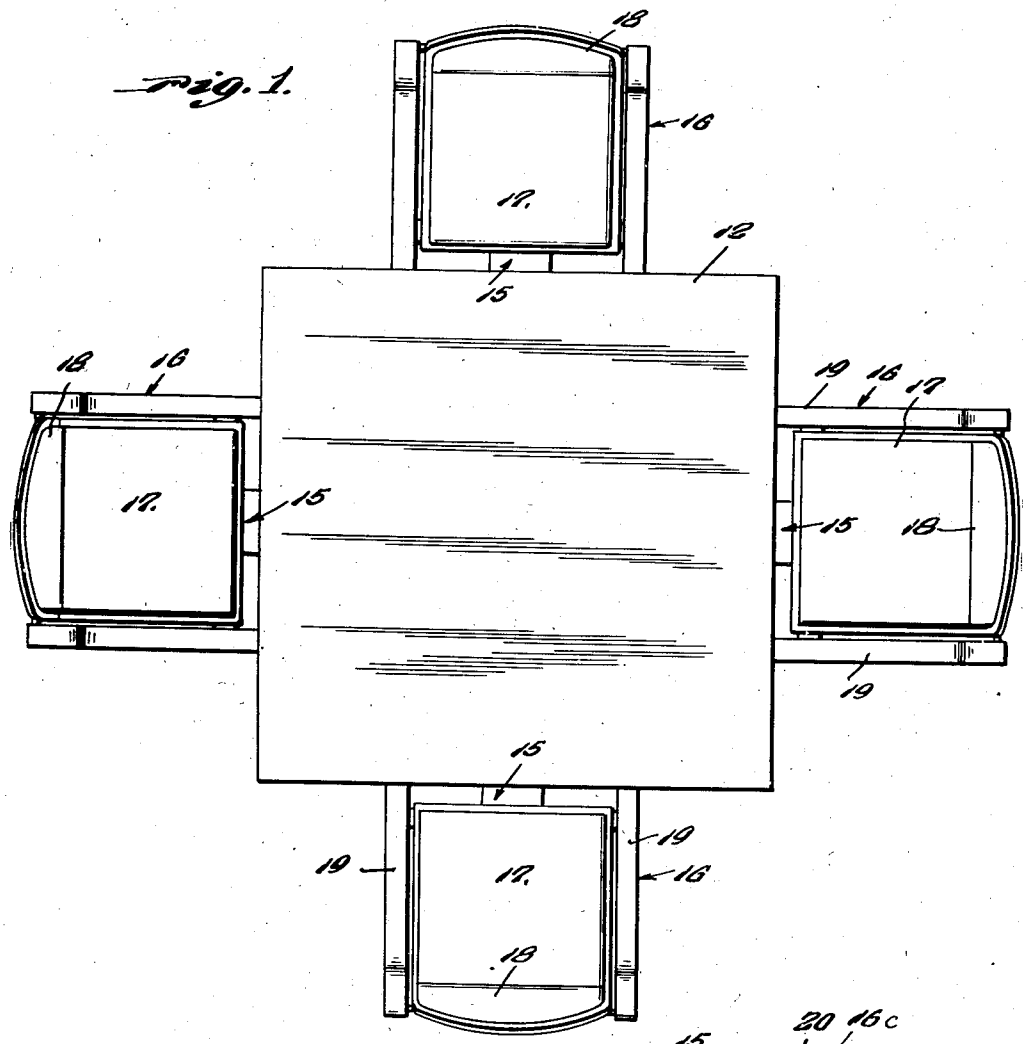
Aug. 14, 1945. G. O. THAXTON 2,382,183

DINING TABLE

Filed March 17, 1942 2 Sheets-Sheet 1

Fig. 1.



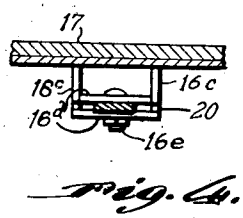


Fig. 4.

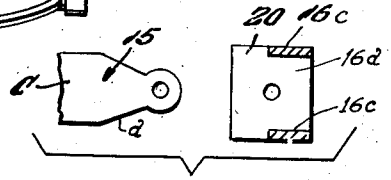


Fig. 5.

Inventor

Green O. Thaxton

By Clarence A. O'Brien and Harvey B. Jacobson

Attorneys

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Fig. 2.

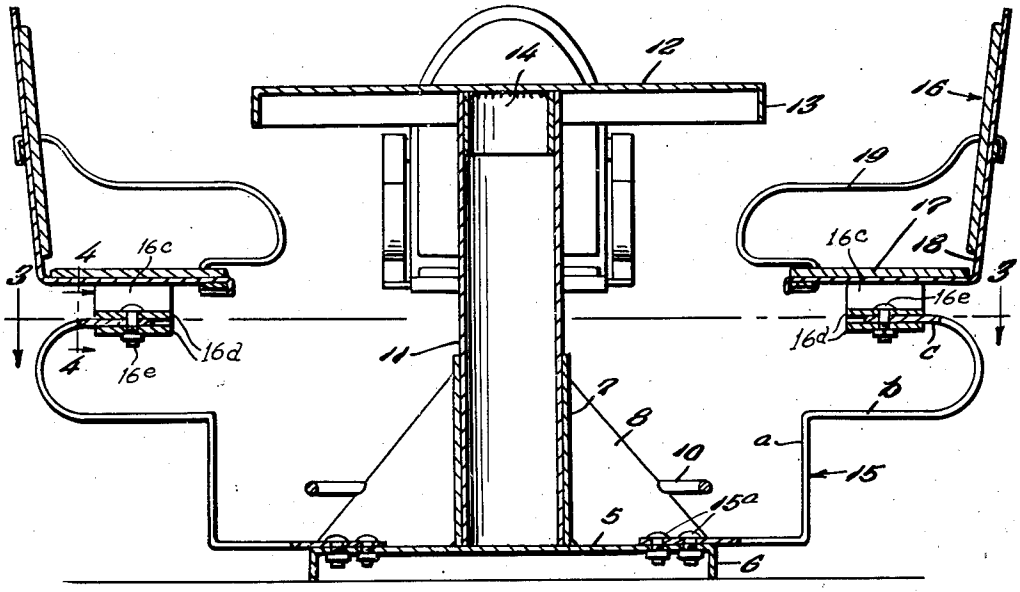
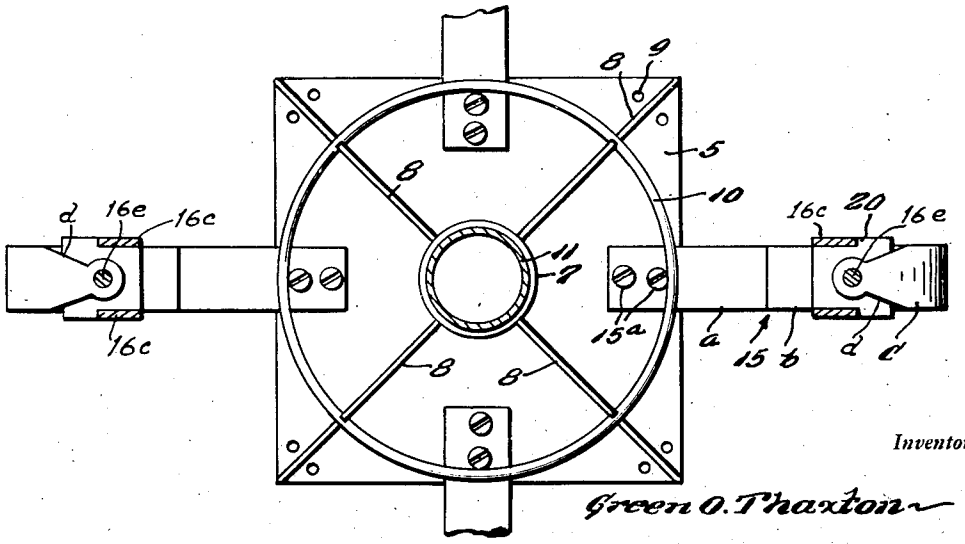


Fig. 3.



Inventor

Green O. Thaxton

By Clarence A. O'Brien and Harvey B. Jacobson

Attorneys

Patented Aug. 14, 1945

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UNITED STATES PATENT OFFICE

2,382,183

DINING TABLE

Green O. Thaxton, Washington, D. C.

Application March 17, 1942, Serial No. 435,089

6 Claims. (Cl. 155—124)

This invention relates to new and useful improvements in tables such as can be used in restaurants, ice cream parlors, hotel dining rooms, and elsewhere, and the principal object of the invention is to provide a table and chair ensemble which can be manufactured at low cost and made to appear highly ornate and modernistic.

Another important object of the invention is to provide a table and chair ensemble which has its parts capable of being readily disassembled for the purpose of replacement or shipping in compact space.

These and other important objects and advantages of the invention will become apparent to the reader of the following description.

In the drawings:

Figure 1 represents a top plan view.

Figure 2 is a vertical cross sectional view.

Figure 3 is a horizontal sectional view taken substantially on the line 3—3 of Figure 2.

Figure 4 is a sectional view taken substantially on the line 4—4 of Figure 2.

Figure 5 is an exploded elevational view with a portion in section showing the manner of swingably mounting one of the seats.

Referring to the drawings wherein like numerals designate like parts, it can be seen that the ensemble includes a base 5 constructed of sheet metal and provided with depending side walls 6. It is preferable that this base be square and from the center thereof rises a cylindrical socket 7, also preferably of sheet metal and from which radiates a plurality of angularly-shaped fins 8, each terminating at the corresponding corner of the base 5. The corners of the base 5 are formed with openings 9 through which securing means can be disposed for securing the base 5 to the floor or some other surface. An annulus 10 circumscribes the webs 8 and is secured by welding or other means thereto, this annulus defining a foot rest for persons occupying the ensemble.

Numeral 11 denotes a tubular standard, the lower end of which is disposed into the cylindrical socket 7.

A table top 12 constructed of sheet metal has a depending peripheral flange 13 and a short depending neck 14 at its intermediate portion which is adapted to be slipped into the upper end of the standard 11. Thus the table top 12 is supported.

Spring supports generally referred to by numeral 15 are provided for chair units generally referred to by numeral 16.

Each of these springs 15 comprises an elongated member having one end secured by a bolt 15*a* to the top of the base 5. This elongated spring member extends outwardly and then upwardly as at *a* and then horizontally as at *b* in an outward direction, from where it curves inwardly as at *c*, the upper end being reduced as at *d* and disposed into a shallow box-like structure 16*a* secured to the seat portion 17 of the corresponding chair unit 16. The box-like structure 16*a* comprises side portions 16*c* suitably fixed to the seat portions 17, as by welding, not shown, and vertically spaced bottom bars 16*d* between which the reduced ends *d* of the springs 15 are interposed and pivoted, as at 16*e* for rotation of the chair units 16 about vertical axes. Rising from the seat 17 is a back structure 18 and arm rests 19 extend from the seat structure 17 to the intermediate portion of the back structure 18.

As can be seen in Figures 3 and 5, substantial side portions of the box-like structures 16*a* are cut away as at 20 so as to afford ample clearance for the seat unit 16 to rotate either one way or the other so that its occupant can either get into or out of the seat, the side portions 16*c* coacting with the ends of the springs 15 as stops limiting rotation of said seats 17 in opposite directions.

Thus it can be seen, that the entire ensemble is constructed of sheet metal. Every piece can be conveniently stamped and shipped unassembled to its destination. In this way freight cost can be maintained low and the ultimate retail price kept well within competitive range.

While the foregoing specification sets forth the invention in specific terms, it is to be understood that numerous changes in the shape, size and materials may be resorted to without departing from the spirit and scope of the invention as claimed hereinafter.

Having described the invention, what is claimed as new is:

1. A dining ensemble comprising a base, a socket rising from the base, a standard slidably disposed into the socket, a table top, said table top being provided with a short depending neck for slidable connection with the upper end of the standard, and chair units on the base, said socket structure being provided with fins extending outwardly and connected to the base, and a foot supporting rail circumscribing the socket structure and being secured to the said fins.

2. A table and chair ensemble comprising a base, an upright on the base, a table top on the

upright, chairs, springs supporting the chairs, said springs consisting of members projecting outwardly and upwardly from the base, said upwardly disposed portions of the springs being provided with vertically disposed U-shaped formations, and securing means between the chairs and the upper legs of said U-shaped formations.

3. A table and chair ensemble comprising a base, an upright on the base, a table top on the upright, chairs, springs supporting the chairs, said springs consisting of members projecting outwardly and upwardly from the base, said upwardly disposed portions of the springs being provided with vertically disposed U-shaped formations, and securing means between the chairs and the upper legs of said U-shaped formations, said securing means consisting of a depending U-shaped member on the bottom of each chair, the upper leg of the corresponding U-shaped formation overlapping the lower portion of the U-shaped member on the chair and a pivot member disposed through the lower portion of the U-shaped member on the chair and the upper leg of the U-shaped formation to permit horizontal rotation of the chair.

4. A table and chair ensemble comprising a base, an upright on the base, a table top on the upright, chairs, springs supporting the chairs, said springs consisting of members projecting outwardly and upwardly from the base, said upwardly disposed portions of the springs being provided with vertically disposed U-shaped formations, and securing means between the chairs and the upper lugs of said U-shaped formations, sand securing means consisting of a depending U-shaped member on the bottom of each chair, the upper leg of the corresponding U-shaped formation overlapping the lower portion of the U-shaped member on the chair and a pivot member disposed through the lower portion of the U-shaped member on the chair and the upper leg of the U-shaped formation to permit horizontal rotation of the chair, and limiting means for limiting the extent of rotation of the chair.

5. A table and chair ensemble comprising a base, an upright on the base, a table top on the upright, chairs, springs supporting the chairs, said springs consisting of members projecting outwardly and upwardly from the base, said upwardly disposed portions of the springs being provided with vertically disposed U-shaped formations, and securing means between the chairs and the upper legs of said U-shaped formation, webs extending from the base to intermediate portions of the upright and a foot rail supported by the outermost portions of the said webs.

6. In combination a table consisting of a base, an upright and a top for the upright, chairs on said base grouped around said top and upright, fins extending from the base to intermediate points of the upright, and a foot rail supported in elevated position above the base by the outermost portions of the said fins and surrounding said upright between the same and said chairs.

GREEN O. THAXTON.