Jan. 5, 1932. F. J. PALUMBO 1,840,249

TABLE

Filed May 31, 1930 2 Sheets-Sheet 1

Fig. 1.

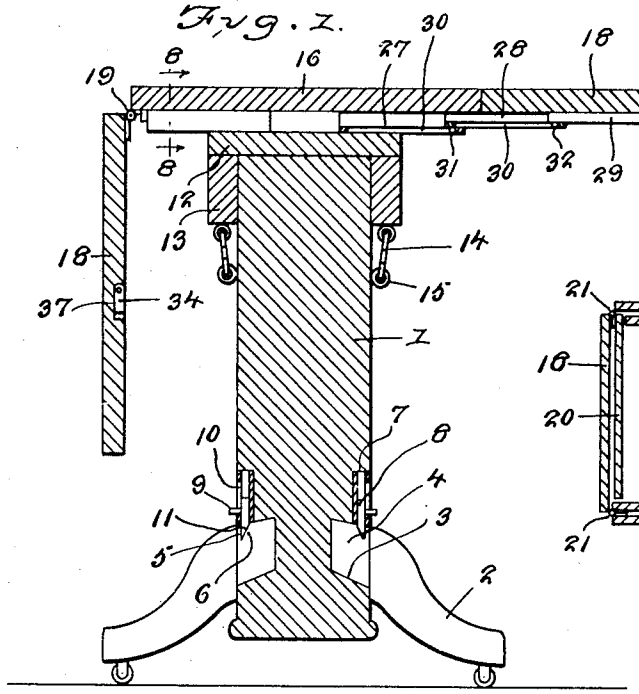


Fig. 7.

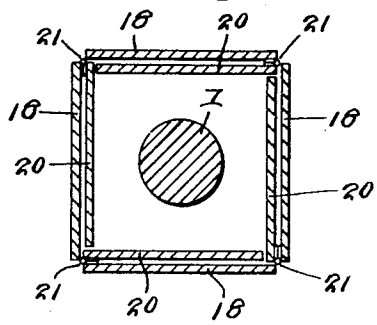


Fig. 5.

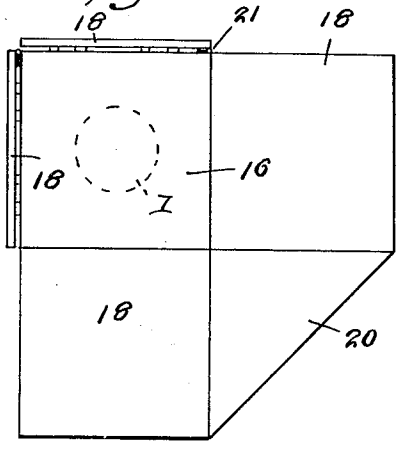


Fig. 6.

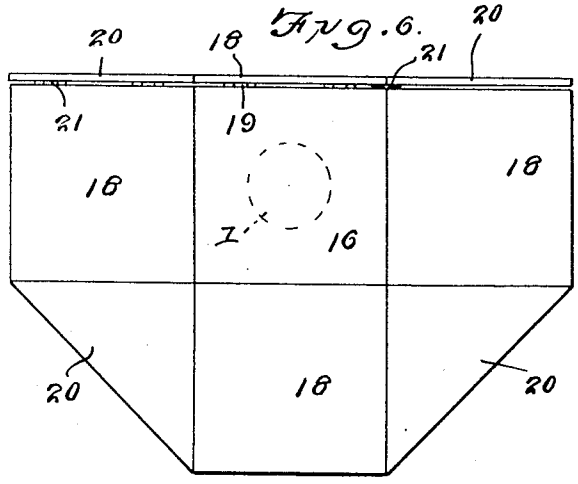


Fig. 8.

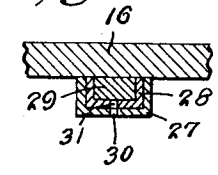
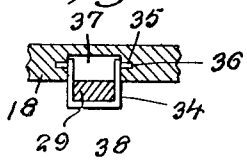


Fig. 9.



F. J. Palumbo
INVENTOR

BY Victor J. Evans
ATTORNEY

Jan. 5, 1932. F. J. PALUMBO 1,840,249

TABLE

Filed May 31, 1930 2 Sheets-Sheet 2

Fig. 2.

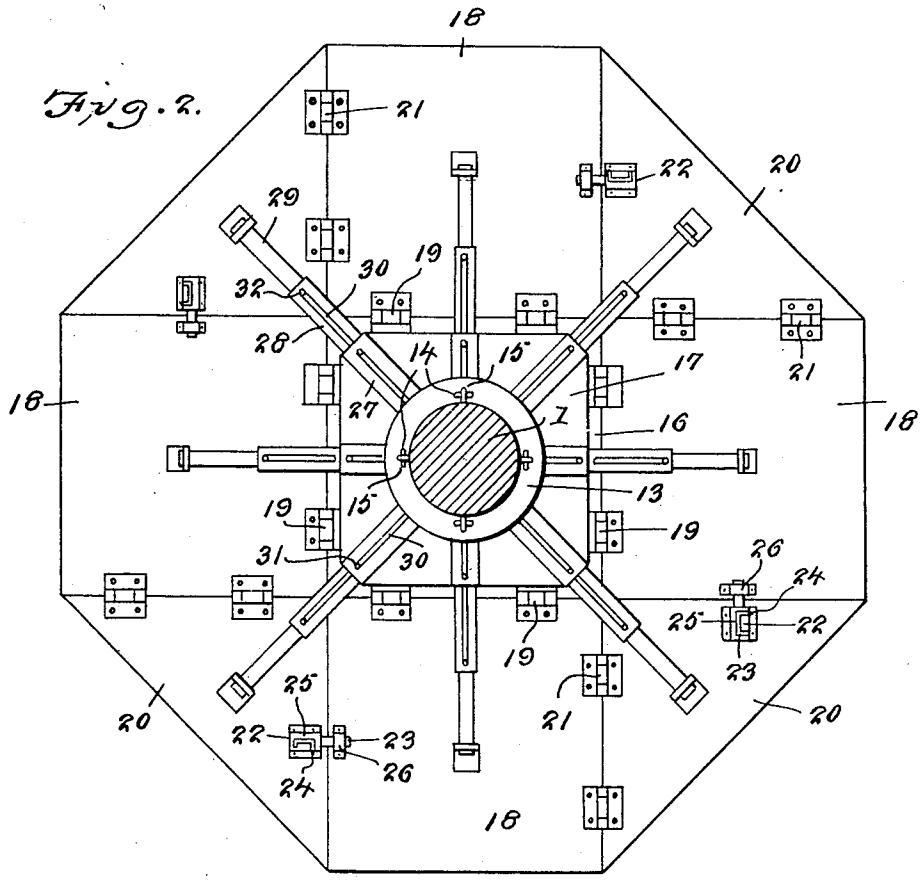


Fig. 3.

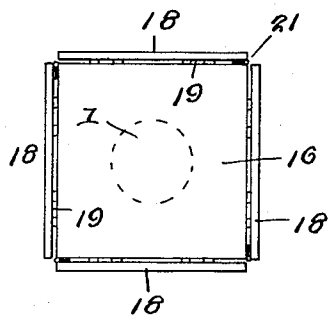
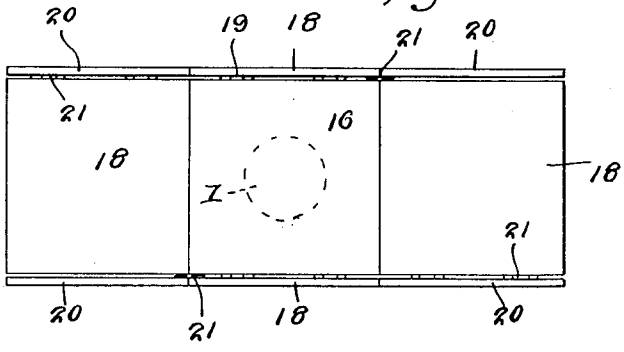


Fig. 4.



F. J. Palumbo
INVENTOR

BY Victor J. Evans
ATTORNEY

Patented Jan. 5, 1932 1,840,249

UNITED STATES PATENT OFFICE

FRANK J. PALUMBO, OF WEIRTON, WEST VIRGINIA

TABLE

Application filed May 31, 1930. Serial No. 458,728.

This invention relates to an improvement in tables and more particularly to a table which will be adaptable for use for various purposes, the invention contemplating the provision of a table which may be employed in a parlor, sitting room, dining room, bedroom, or kitchen, as desired.

Another object of the invention is to provide a table, the top of which consists of a number of sections arranged about a central section and any one or more of which may be swung to position extending downwardly, when not intended to be used, so that the size and capacity of the table top may be varied as desired and the top caused to assume practically any desired form, depending upon the conditions under which the table is to be used or the use to which the table is to be put, thereby adapting the table to be employed at the center of a room as a dining or reading table or in one corner of a room or against one wall of a room for any other purpose.

Another object of the invention is to provide a table embodying top sections such as referred to above and a means for so connecting the adjustable sections with the central section as to adapt the adjustable section to be collapsed when the table is not in use.

Another object of the invention is to provide a novel means for bracing and holding the adjustable top sections of the table in elevated position for use and which means may be readily adjusted so as to permit of downward swinging or folding of the said top sections.

The invention has as a further object to provide novel means for removably mounting the central section of the table top upon the pedestal of the table and likewise novel means for separably connecting, with the pedestal, supporting legs for said pedestal.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings, and specifically pointed out in the appended claims, it being understood of course that minor changes may be made so long as they fall within the scope of the claims.

In describing my invention in detail, reference will be had to the accompanying drawings, wherein like characters denote like or corresponding parts throughout the several views, and in which:—

Figure 1 is a vertical sectional view through a table constructed in accordance with the present invention.

Figure 2 is a view looking at the under side of the table top, the pedestal of the table being shown in section.

Figure 3 is a top plan view of the table showing all of the top sections swung downwardly to the position which they will occupy when the central section alone is to be employed.

Figure 4 is a similar view illustrating an arrangement of the top sections whereby a table top of oblong, rectangular form may be employed.

Figure 5 is a similar view illustrating an arrangement whereby a table having a polygonal top may be provided and which table will be adapted to be fitted in a corner of the room in which it is placed.

Figure 6 is a view similar to Figure 5 illustrating another form of top which may be established by an adjustment of the table top sections.

Figure 7 is a horizontal sectional view showing all of the top sections folded.

Figure 8 is a vertical transverse sectional view taken substantially on the line 8—8 of Figure 1 looking in the direction indicated by the arrows.

Figure 9 is a similar view on the line 9—9 of Figure 1, looking in the direction indicated by the arrows.

The table embodying the invention comprises a pedestal indicated by the numeral 1 and preferably of the cylindrical form illustrated in the drawings and this pedestal is supported at its lower end by downwardly and radially outwardly extending legs 2 which may be of any desired number and, in order that the legs may be separably connected with the pedestal, the pedestal is formed at intervals in its circumference, and near its lower end, with a plurality of mortises 3, which mortises are of rectangular and

preferably inwardly tapered form, and each leg 2 is formed, at its upper end, with a tenon 4 which is likewise of polygonal form and tapered so as to fit snugly within the respective mortise 3 and a latch bolt 8 is slidably mounted in each of the latch casings, a finger piece 9 being provided upon each bolt and this finger piece working slidably in a slot 10 formed in the outer side of the latch casing. The lower end of each bolt 8 is beveled as indicated by the numeral 11 so as to engage snugly in the notch 5 in the respective leg tenon 4 and the bevel of each bolt is at the inner side thereof so that it will ride against the beveled wall 6 of the respective notch when the bolt is forced downwardly into the notch.

Mounted upon the top of the pedestal 1 is a substantially rectangular, flat sided head 12 and a ring 13 of wood is secured at its upper edge to the under side of the head 12, in any suitable manner and by any suitable means, and the member 13 is interiorly of a diameter to adapt it to be fitted frictionally to the upper end of the pedestal 1, the member and the head 12 supported thereby, being held in place by hinges 14 pivotally mounted upon the under side of the member 13 and engaging eyes 15 upon the pedestal.

The table top comprises an assemblage of top sections, one of which, indicated by the numeral 16, constitutes the central section, and the invention likewise contemplates the provision of means in the form of members embodying telescopic sections, for supporting the foldable sections of the table top and, in carrying out the invention, the central top section 16 will be secured in place upon the upper sides of a plurality of polygonal spacer blocks 17 between which the inner sections of the supporting members are arranged as will presently be more specifically explained, and these blocks are likewise secured in any desired manner to the upper side of the head 12. In addition to the central top section 6, the table top embodies further sections, as above indicated, and certain of these sections are indicated by the numeral 18 and are hingedly mounted as at 19, each at one of the four sides of the central section 16. The sections 18 are of rectangular form and, due to the provision of the hinges 19, these sections may be either swung upwardly to a horizontal position for use or, when not in use, may be swung downwardly. The table top further embodying triangular sections 20, which sections are each hingedly connected by hinges 21, at one of the right angularly extending sides of said section, to one side edge of a respective one of the sections 18, it being observed by reference to Figure 2 of the drawings that each section 20 is disposed between two adjacent ones of the sections 18 and that the basal edge of each section 20 extends between the outer straight edges of the sections 18 between which the section 20 is arranged. Therefore the table top is of octagonal contour although it might be formed of circular contour, if found desirable.

It will be evident at this point that each of the table top sections 20 may be folded, about its hinges 21, with respect to the top section 15 to which it is connected, and in order that it may be supported in a horizontal plane with the top sections 18 between which it is arranged, when it is to be brought into use, a latch casing 22 is mounted upon the under side of each section 20 at the other right angular margin of the section, and the latch 23 is mounted in the casing and may be adjusted by a finger piece 24 extending through the slot 25 in the casing into and out of engagement with a keeper 26 upon the abutting edge of the respective top section 18 and upon the under side of said section.

The means for supporting the hinged table top sections in a horizontal, elevated position, preferably comprises three telescopic sections, one indicated by the numeral 27, another by the numeral 28 and the third by the numeral 29 and, as best shown in Figures 1 and 8 of the drawings, each of the sections 27 and 28 is of channel iron formation and each section is formed in its connecting wall with a longitudinal slot 30, a stud 31 being provided upon the under side of the section 28, at one end thereof, to engage in the slot 30 in the section 27 and thus connect the section 28 for telescopic sliding adjustment with respect to the said section 27.

The section 29 of each supporting unit is preferably in the nature of a comparatively thick bar, rectangular in cross section, and this section of each unit is slidably telescopically fitted in the channel of the respective section 28 and a stud 32 corresponding to the stud 31 is provided upon its under side and at its inner end and works in the slot 30 in the said section 28. This section 29 is, together with the gear portion of the length of each respective section 28, designed to extend beneath the top section of the table which is to be supported. The sections 28 and 29 may be relatively telescoped and both telescoped with respect to the section 27 so that all will lie below the top section which they support in the manner clearly shown in Figure 8 of the drawings. These supporting units comprising the telescoped sections described above are arranged radial to the circular head 12 and in order that the outer section 29 of each unit may be connected, in holding engagement, with the top section to be supported, a U-shaped clip 34 with laterally extending pintle studs 35 which are seated in sockets 36 formed in the side walls of a rectangular recess 37, in turn, formed in the under side of the respective top section, it

being evident by reference to Figures 1 and 9 of the drawings that the clips may be swung downwardly as shown at the right in Figure 1 and as shown in the sectional view, Figure 9, so that the connecting portion 38 of each clip will engage beneath the outer end portion of the respective telescopic supporting section 29. However, when the clips are not required for use, as for example, when any of the top sections are swung downwardly to folded position, the clip may be swung so as to lie within the respective recess 37 as shown to the left in Figure 1 and thus be flush with the under side of the respective top section.

In the description of the several figures of the drawings, hereinbefore given, the character of Figures 3, 4, 5, 6 and 7 has been set forth and it is therefore believed that further description of the manner in which the top sections are to be adjusted, is unnecessary.

What I claim is:

1. A convertible table comprising a central top section of polygonal form, a plurality of other top sections hingedly connected, each with a respective side of the central top section, means radially arranged upon the under side of the central top section, extensible to extend beneath and support respective ones of the said other top sections in elevated position, a head connected with the said central top section and fitting the upper end of a pedestal, and means separably connecting the head with the pedestal.

2. A convertible table comprising a central top section of polygonal form, a plurality of other top sections hingedly connected, each with a respective side of the central top section, and supporting members comprising telescopically connected sections radially mounted upon the under side of the central top section, extensible to extend beneath and support respective ones of the said other top sections in elevated position, and means, upon the under sides of the said other top sections for holding engagement with the outer sections of the supporting members, the said means comprising a U-shaped clip, pivotally suspended in a recess in the under side of the said other top sections, and movable to engage the respective outer section of each supporting member.

In testimony whereof I affix my signature.

FRANK J. PALUMBO.