H. J. BRYANT.

TABLE.

APPLICATION FILED MAR. 14, 1919.

1,319,753.

Patented Oct. 28, 1919.

2 SHEETS—SHEET 1.

Fig. 1

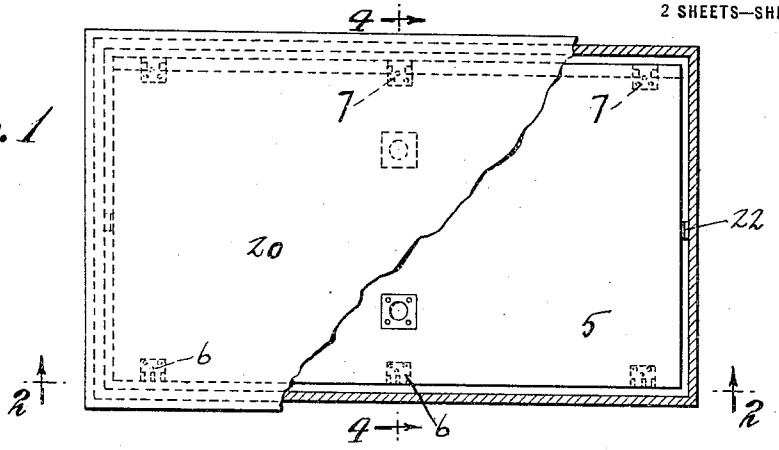


Fig. 2

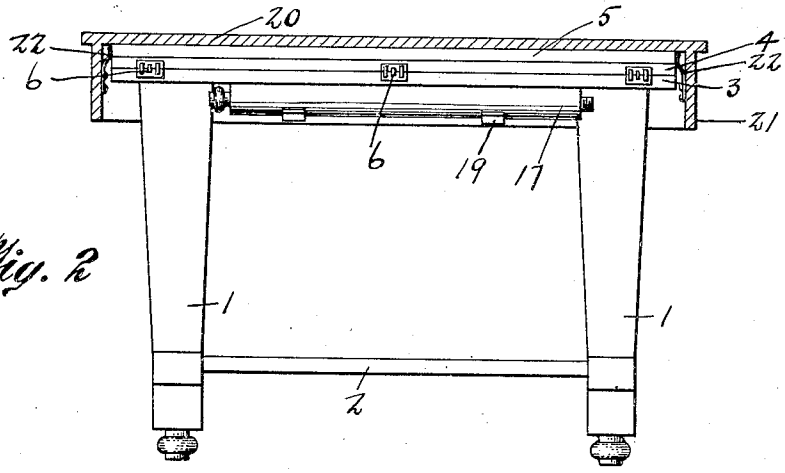
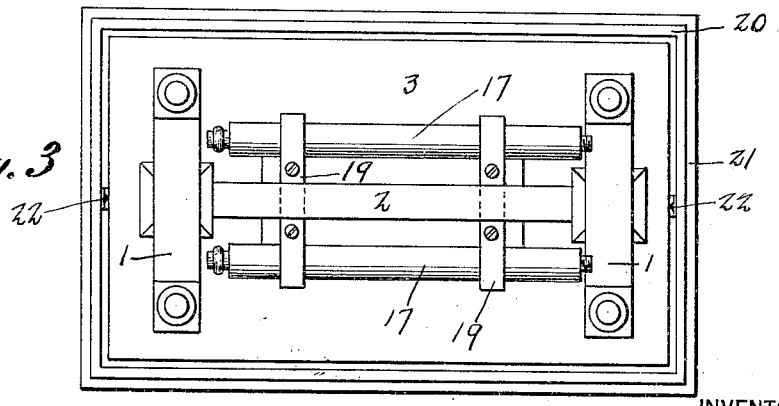


Fig. 3



INVENTOR

Herbert J. Bryant

BY

Townsend & Decker

ATTORNEYS.

THE COLUMBIA PLANOGRAPH CO., WASHINGTON, D. C.

H. J. BRYANT.

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2 SHEETS—SHEET 2.

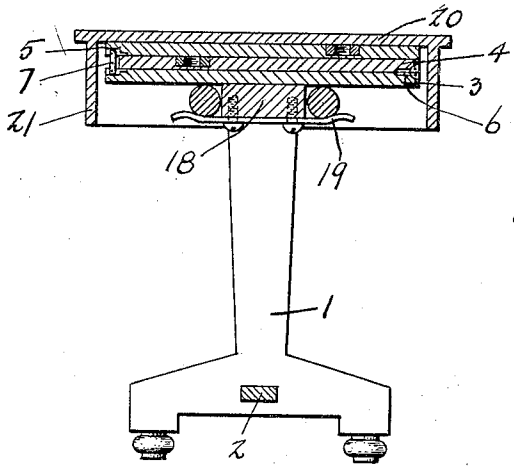


Fig. 4

Fig. 5

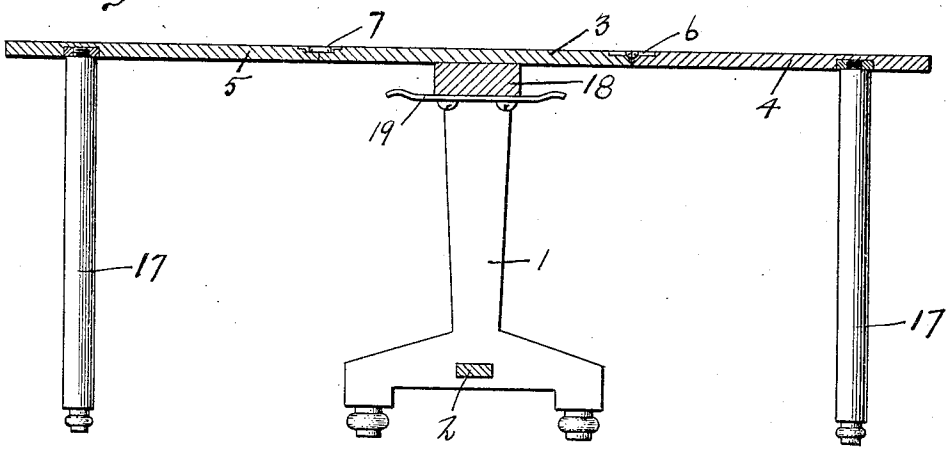
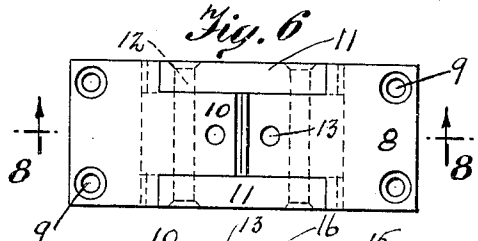


Fig. 6



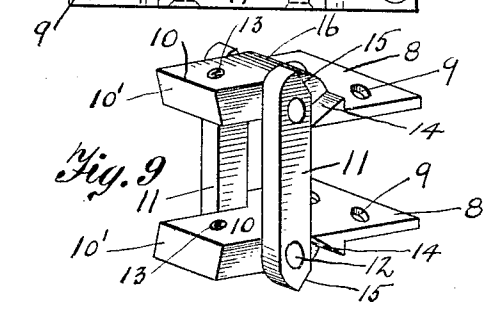


Fig. 9

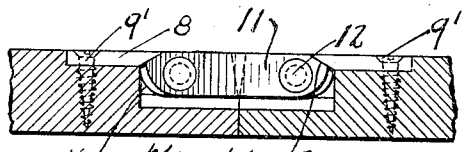


Fig. 7

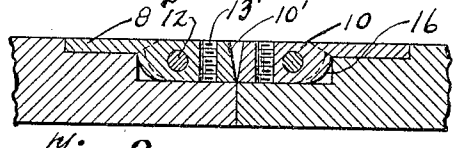


Fig. 8

INVENTOR

Herbert J. Bryant

BY

Townsend & Keeler

ATTORNEYS

UNITED STATES PATENT OFFICE.

HERBERT J. BRYANT, OF NEW YORK, N. Y.

TABLE.

1,319,753. Specification of Letters Patent. Patented Oct. 28, 1919.

Application filed March 14, 1919. Serial No. 282,586.

To all whom it may concern:

Be it known that I, HERBERT J. BRYANT, a citizen of the United States, and a resident of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Tables, of which the following is a specification.

My invention relates to tables and more particularly to tables adapted to be used in small apartments or restaurants where the saving of space is ordinarily an important consideration.

The principal object of my invention is the production of a table of simple construction which may be expeditiously and easily converted or enlarged from a table having a top of comparatively small surface area to a table having a top of appreciably larger surface area and having a cover for concealing the convertible feature from view whereby the table will appear as an ornamental table of conventional form.

Other and further objects and advantages of the invention will appear from the subjoined description, the invention consisting in the novel parts and combination of parts hereinafter more particularly described and then specified in the claims.

In the accompanying drawings:

Figure 1 is a top plan view of my improved table showing the cover partly broken away.

Fig. 2 is a horizontal cross-section on the line 2—2 of Fig. 1.

Fig. 3 is a bottom plan view of the table.

Fig. 4 is a vertical cross-section on the line 4—4 of Fig. 1.

Fig. 5 is a front elevation (top in section) showing the top in open or enlarged position.

Fig. 6 is a top plan view of my improved hinge for joining the central section and one of the side sections of the top together.

Fig. 7 is a side elevation of the hinge showing it joining a portion of the central section and a side section of the top.

Fig. 8 is a horizontal central section taken through the hinge and joined sections on the line 8—8 of Fig. 6.

Fig. 9 is a perspective view of the hinge.

Referring more particularly to the several figures of the drawing:

1 indicates the permanent legs of my improved table which are preferably joined together by the brace 2. Said permanent legs are fastened in any desirable manner to the central section 3 of the top of the table, said top comprising in addition to said central or middle section 3, side sections 4 and 5. The central section 3 and side section 4 are joined together by hinges 6 of any conventional form which are preferably countersunk in the wood of the middle section and side section and which will permit the said side section to be folded over directly on or superimposed on said central section. The construction of the hinges 6 forms no part of my invention and requires no detailed description.

The central section 3 of the top and the side section 5 are joined together by hinges 7 which permit the side section to be folded over in a plane parallel to but remote from the plane of the central section 3, or in other words which permit the side section to be folded over directly on or superimposed on the side section 4 when said side section is folded over on the central section. (See Figs. 2 and 4.) The central section 3 and side section 5 are suitably mortised (see Figs. 7 and 8) adjacent their meeting edges in order to receive the hinges therein, so that the upper surfaces of said hinges and the surfaces of the central section and side section lie in the same plane when in unfolded position. The said hinges comprise opposed body members 8 provided with suitable holes 9 adapted to receive the screws 9′ or other fastening means to fasten the hinges in the mortised portions of the central section 3 and side section 5. Preferably forming an integral part of said body members are reduced portions 10 having inclined opposed ends 10′, said reduced portions extending between the parallel arms 11 to which they are pivoted by pivots 12. Said reduced portions 10 are also provided with holes 13 adapted to receive screws 13′ or other suitable fastening means to secure the reduced portions to the central section and side section. The body members 8 are provided with inclined shoulders 14 the edges of which are adapted to engage the tops of the parallel arms 11 as shown in Fig. 9 to limit the swing of the body members on the pivots 12 in one direction while the faces of said inclined shoulders 14 are adapted to engage the faces of the inclined shoulders 15 with which the ends of the parallel arms 11 are provided to limit the swing of the body

members on their pivots in the other direction. The lower edges of the reduced portions 10 of the body members are rounded as at 16 so that they will not jam against the sides of the mortised portions of the central and side sections of the top when the body members of the hinge are swung on their pivots. Obviously also the inclining of the ends of the reduced portions 10 of the body members precludes the possibility of their engaging each other when the members are swung into a horizontal position or that position shown in Figs. 7 and 8.

17 indicates removable legs having threaded ends which may be screwed in the bottom of the side sections 4 and 5 to support the same when the top is in unfolded position as shown in Fig. 5. When in this position the surface area of the table is approximately three times the surface area of the table when the top is folded up as is obvious.

18 indicates a horizontal strip which is fastened to the under side of the central section 3 of the top of the table. Secured to the said strip 18 is the holder 19 having spring ends which are adapted to engage and hold the removable legs 17 when they are not in use (see Figs. 3 and 4).

When the top of the table is in folded position I prefer to conceal the same from view with a removable cover 20 having depending flanges 21 of a width sufficient to conceal not only the folded top but also the removable legs which are carried by the holder 19 as has been explained. I preferably provide the inner sides of the flanges 21 with springs 22 which engage the top of the table when the cover is placed thereon and which exert a sufficient pressure thereagainst to cause the cover to remain firmly in position.

It will be obvious from the foregoing description that my improved table is particularly useful in small apartments or in restaurants because of the ease with which it may be converted from a table having a top of small surface area into a table having a top of comparatively large surface area. In the specific form of table shown and described, the surface area of the top of the enlarged or converted table is approximately three times the surface area of the original table. In small apartments where one room serves both as a living room and a dining room the table may be used as a drawing room table when the top is folded up and the cover placed thereon, the cover then becoming the top of the table. The folded up top is thus concealed from view by the depending flanges of the cover so that the table then has all the appearances of a drawing room table and presents a pleasing appearance. The conversion of the table into a dining room table having a top of considerably larger surface area is easily effected by the simple removal of the cover, the unfolding of the top and the attaching of the removable legs to the side sections of the top. As is manifest, the enlarged table may be re-converted into its former size and appearance after it has been used as a dining room table.

In restaurants also the desirability of using my improved table can be appreciated as the table may be used with the top in folded position for a small number of diners or it may be converted into a larger size table when a larger number of diners desire to sit at the same table. The cover may be dispensed with entirely if so desired and the table with the top in folded position covered with an ordinary table cloth to conceal the folded sections of the top and the removable legs.

What I claim as my invention is:

1. A table having a top with permanent legs joined thereto, said top comprising a plurality of sections joined together and adapted to be folded one upon the other, removable legs adapted to be secured to sections of said top, means beneath said top for holding said removable legs and a removable cover fitting on said top when in folded position, said cover being provided with depending flanges adapted to hide said top from view.

2. A table having a top with legs joined thereto, said top comprising a plurality of sections joined together and adapted to be folded one upon the other, a removable cover fitting on said top when in folded position, said cover being provided with depending flanges adapted to hide said top from view, removable legs carried by said table and adapted to be secured to sections of said top and a spring carried by said cover and adapted to engage said top as and for the purpose described.

Signed at New York in the county of New York and State of New York this 12th day of March, A. D. 1919.

HERBERT J. BRYANT.

Witnesses:

F. B. TOWNSEND,

IRENE LEFKOWITZ.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."