May 20, 1930. A. McGALL 1,759,199

COLLAPSIBLE TABLE

Filed Aug. 24, 1927

Fig. 1.

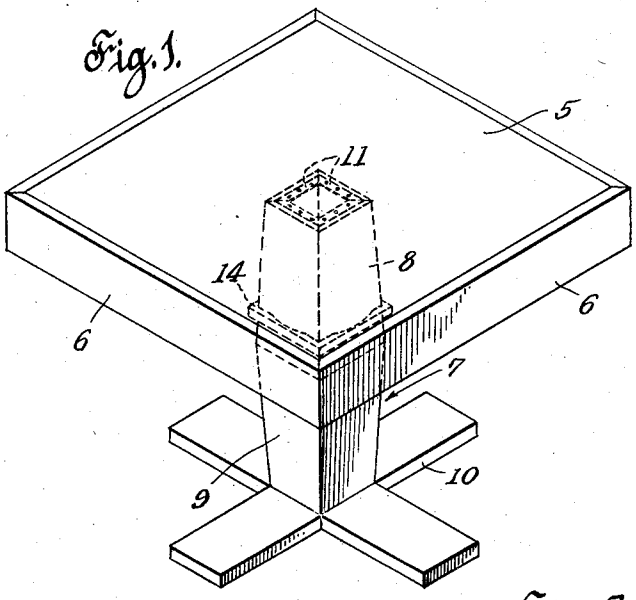


Fig. 2.

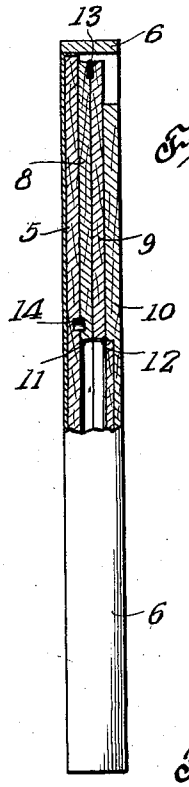


Fig. 3.

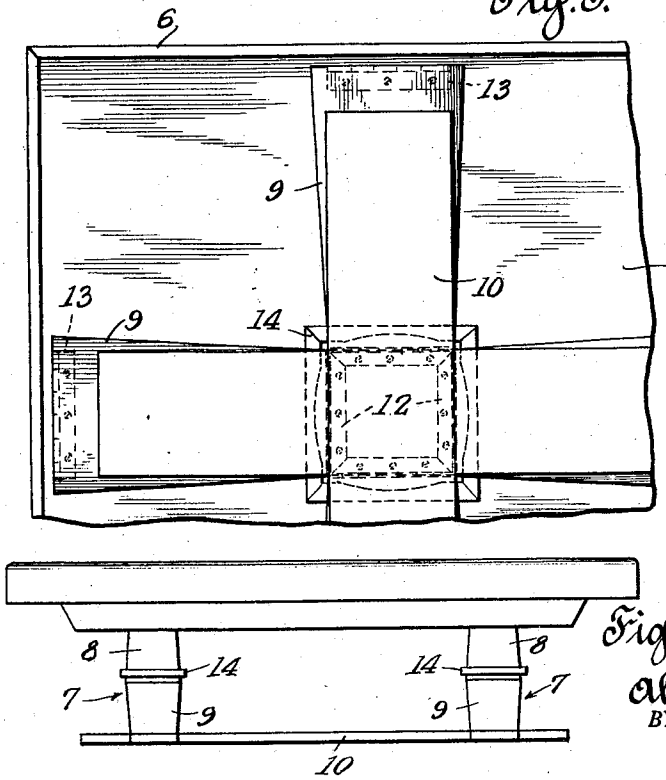


Fig. 5.

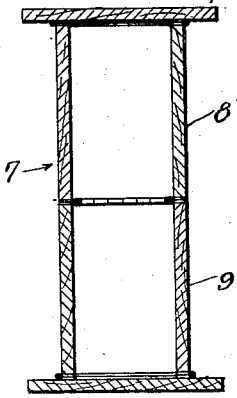


Fig. 4.

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UNITED STATES PATENT OFFICE

ALBERT McGALL, OF ORANGE, NEW JERSEY

COLLAPSIBLE TABLE

Application filed August 24, 1927. Serial No. 215,163.

This invention relates to collapsible tables and has for an object the provision of a table which will be stronger and more pleasing in appearance than tables now in use for similar purposes.

It is often desirable to have a number of tables available for card parties, etc., but the usual non-collapsible tables occupy so much space as to make them prohibitive in apartments and small dwellings.

The table here disclosed has the appearance of strength and is capable of being used as a permanent piece of furniture if so desired, which obviously, is a decided improvement over the usual frail and weak appearing collapsible tables which are designed for temporary use only.

These objects are attained by the novel construction and arrangement of parts hereinafter described and illustrated in the accompanying drawing and in which:

Fig. 1, is a perspective view showing my table in "set up" position.

Fig. 2, is a cross-sectional view disclosing the table in a collapsed position.

Fig. 3, is a plan view of the under side of the table in collapsed position.

Fig. 4, is an elevation of the table in "set up" position.

Fig. 5, is a sectional view of modified form.

Referring to the drawings, a table top 5 is provided with four side pieces 6, and supported at the center by a member generally shown at 7, which is composed of two 4-sided frustro-pyramidal sections 8 and 9. The upper frustro-pyramidal section 8, has each of its sides connected to the under side of the table top by hinges 11 and the lower frustro-pyramidal sections are in juxta-position at the center of the support 7, and the four sides of the upper sections are connected respectively to the four sides of the lower section by hinges 13.

In order to hold the center support 7 in a rigid position, a member 14 is provided which may be slid down on the upper section 8 to tightly clamp the four sides in a fixed position.

In Fig. 4, there is disclosed the invention applied to a large table having more than one support. It will be seen that the manipulation of this larger table is essentially the same as that of a smaller center supporting table.

In operation when it is desired to collapse the table, the clamp member 14 is moved upwardly on section 8 until it rests against the under surface of the table top and pressure of the table top will cause the center member 7 to collapse due to its hinged connection at the center. When completely collapsed, the table has the appearance shown in Fig. 3, and the various elements of the table assume the position as shown in detail in Fig. 2.

In the modified form disclosed in Fig. 5, the support 7 is composed of two rectangular sections 8′ and 9′ which are hinged together at the center of the support. The sections 8′ and 9′ may be held in aligned position by means of a latch or other means at the center of the support. Obviously, the center support is not limited to a four sided figure, but may have any number of sides.

It will be seen from the above description that I have provided a strong and durable, yet simple collapsible table which may be readily set up in position for use or collapsed with less effort and more conveniently than heretofore has been the case with collapsible tables. Furthermore, when set up in position, the table is strong enough to be used as a permanent piece of furniture, if so desired, and it will have a stable and permanent appearance.

Although I have described my improvements with considerable detail and with respect to certain particular forms of my invention, I do not desire to be limited to such details since many changes and modifications may well be made without departing from the spirit and scope of my invention in its broadest aspect.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent, is:—

1. A collapsible table having a top, a base, and plural-sided center support, each side of said support contacting with its adjacent sides and each cooperating to reinforce the other sides, each said side being hinged to the

top and to the base, and divided into two sections hinged at the center.

2. In a collapsible table, the combination with a table top and a base, of a collapsible column hingedly joining the base and top, said column consisting of two frusto-pyramidal sections having their bases coincident, each section consisting of a plurality of separate sides adapted when the column is in extended position to contact with and reinforce each other, and to be independent from each other when in collapsed position, and a clamp member for releasably retaining the sides in contact with each other to form a rigid column.

3. A collapsible column comprising a plurality of independent sectional sides all hinged at each end to a common base, each said sectional side being adapted to contact with and reinforce its adjacent sides in extended position and to expand outwardly at its transverse center to bring the bases toward each other to collapse the column, and a retaining member to retain the sides in contacting relation.

Signed at New York, in the county of New York and State of New York this 22nd day of August, 1927.

ALBERT McGALL.