June 1, 1926. 1,586,707

G. M. McLEAN

DISAPPEARING TABLE

Filed May 14, 1923

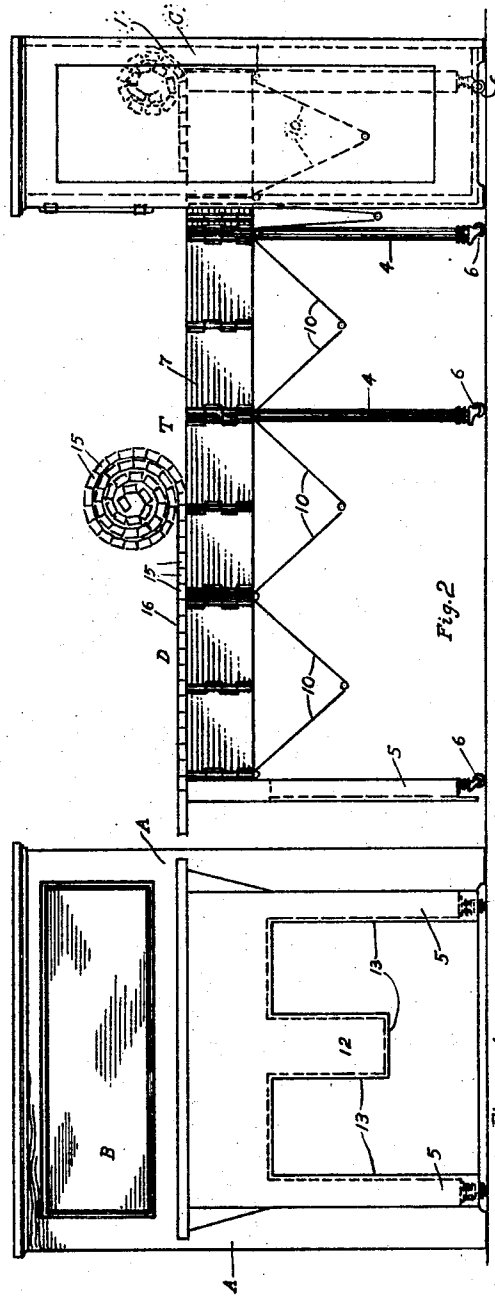


Figure 1

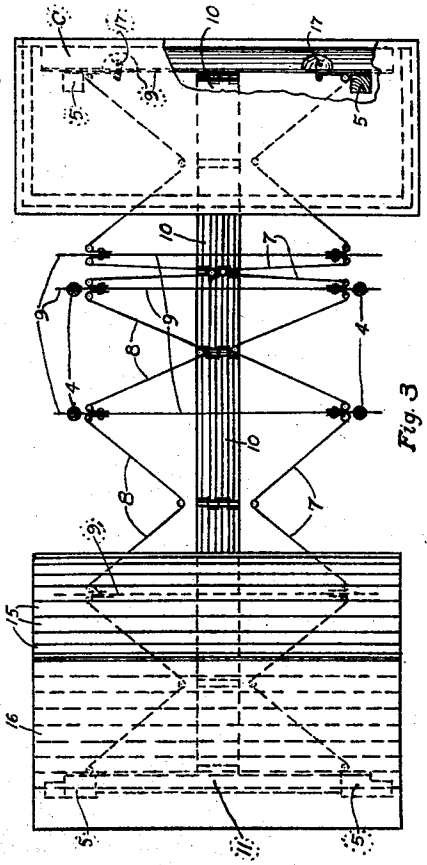


Fig. 3

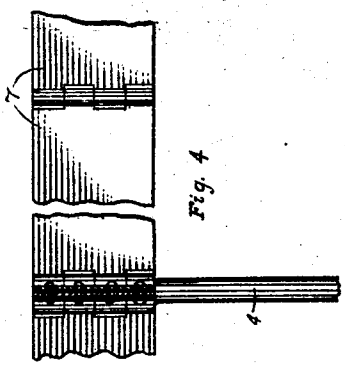


Fig. 4

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UNITED STATES PATENT OFFICE.

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DISAPPEARING TABLE.

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My invention relates to collapsible furniture and has for its object to provide a disappearing and collapsible table which may be drawn out of a case made to resemble an article of furniture commonly kept in a living or front room, whereby an extension table of any desired length may be formed.

A further object is to provide a table which may be partially extended to accommodate three or more persons, and which may be further extended when so desired and made to accommodate six or eight persons, and when not so used as a table may be easily and quickly collapsed and kept in compact form within a case which outwardly resembles other articles of furniture, such as a commode or a dresser.

These objects, with others which will become apparent as the description proceeds, I accomplish with the apparatus illustrated in the accompanying drawings in which similar letters and numerals of reference indicate like parts throughout the several views, and as described in the specification forming a part of this application and pointed out in the appended claims.

In the drawings in which I have shown a substantial embodiment of my invention, Figure 1 is a front elevation of the apparatus when collapsed within a case made to resemble a low mantel. Figure 2 is a side elevation of the apparatus showing the table partially withdrawn from the case, and showing the top partially rolled upon itself, and with a portion of the same top shown in dotted lines unrolled within the case. Figure 3 is a plan view of the same. Figure 4 is a detail showing the construction of one of the hinges and a portion of one leg of the table as fastened on the hinged leaves. The invention consists of a case A, shaped and otherwise constructed to resemble a mantel or other article of furniture, having a mirror B in its upper portion. Portions of the front side are cut out and within said case the table is mounted when collapsed. A cross piece C is fastened within and to the back of said case A, and said cross piece is beveled outwardly and in transverse curve, as at 1, to give direction to the table top when it is being rolled up, as shown in dotted lines in Figure 2. The said cross piece C is also the rigid support to which one end of the table is detachably fastened by suitable hooks 3 when the table is to be only partially extended. The table portion of my apparatus is shown as a whole at T, and consists of supporting legs 4, for all of the legs except those at the corners which are preferably square in cross section, as shown at 5. All of said legs are provided with castors 6, and are all fastened operatively together by three coacting strings of hinge leaves. The two side strings, shown at 7 and 8, have their outer end portions rigidly spaced apart and held in fixed relation to each other by the cross strips 9 of metal. The said legs 4 are riveted at their upper ends to said cross strips 9, and the outer end portions of the side strings of hinged leaves 7 and 8 are pivoted to said strips 9, as may be seen in Figure 3. The leaves 7 and 8 are of a length that will allow the leaves to be folded close to each other and to the strips 9 alternately between pairs of said leaves, as shown in Figure 3, and to be drawn into a string or one plane when the table is fully extended. Below the said strings of leaves 7 and 8 is the horizontally disposed strings of other leaf hinges 10, which leaves at alternate junctions are suspended from said cross strips 9. One end strip 9 is rigidly connected with the cross piece 11 which fastens the front legs 5 into one pair, while the other end strip 9 may be detached from a said cross piece C, when so desired. The front legs 5 and said cross piece 11 and a hinge concealing member 12 are covered on their front side by a thin piece of material with its edges overlapping the joint between the front of said case A and said legs to give a proper finish at said joint, as shown at 13. A mantel member 14 is fastened horizontally on the upper ends of the front legs 5 and edge of the cross piece 11, by which the table T is drawn outwardly from the case. The table top D is made of a plurality of flat strips 15 placed side by side and held in fixed relation to each other by a piece of flexible fabric 16, one end of which is fastened to said mantel member 14. The edges of said strips 15 are slightly beveled in order that the top will be rolled up when the said table T is collapsed and pushed within the said case A, and will unroll when the table is drawn outwardly. When it is desired the rear ends of said string of hinged leaves may be released from the said cross piece C by releasing the hooks 17 which normally fasten the end cross strip 9 to said piece C. The said mirror B is hingedly connected to said case and may be

moved on its hinges to allow the said hooks 17 to be operated. When the said hooks 17 are released the table T may be drawn without the case and used as any other detached table, the weight and construction of the roller top making a smooth, even surface for use as a table top on which dishes may be used, and on which ironing, pressing and other household duties may be performed.

Having thus described my invention I desire to secure by Letters Patent and claim:—

1. A disappearing table comprising a case having an opening in one side face; a collapsible table frame with supporting legs thereon adapted to be operated through said opening; said frame consisting of three coacting strings of hingedly connected leaves, the outer two of which are movable on horizontal planes, and the medial string of said leaves movable on vertical planes; and a top for said frame adapted to be rolled up when said frame is collapsed and carried in said case, and to be unrolled as a table top when the table frame is drawn partially or entirely from said case.

2. A disappearing table comprising a frame with supporting legs thereunder, said frame consisting of a plurality of hinged members having vertically disposed pivot pins; cross strips to which the hinged members are secured; and a plurality of other hinged members, having horizontally disposed pivot pins, operatively connected with said cross strips.

In testimony whereof I have affixed my signature.

GEORGE M. McLEAN.