

I claim:

1. A concealable table assembly, comprising:

- (a) a table top having a generally rectangular outline, said table top comprising a table top surface and a table bottom surface, each of which have an outwardly facing side and an inwardly facing side, and four side surfaces each of which have an outwardly facing side and an inwardly facing side, said side surfaces connecting the table top surface to the table bottom surface, said table top having a first use position and a second stored position in said assembly;
- (b) a unit support casing, said support casing comprising a top inner casing surface defining an aperture therein, two side inner casing surfaces and a bottom inner casing surface which together form a recessed area adapted to receive said table top in said second stored position;
- (c) a framework serving as a skeletal support for said table top, said framework located between said table top surface and said table bottom surface adjacent said inwardly facing sides and adjacent said side surface inwardly facing sides, said framework comprising four edges and one or more inner support beams, said four edges consisting of a first, second and third edge which are essentially contiguous with three sides of said rectangular table top, and a fourth edge comprising a first fourth edge portion and a second fourth edge portion, each of said fourth edge portions having a side and an inner end, said side end of the first fourth edge portion is connected to said first edge of said framework and the side edge of the second fourth edge portion is connected to said second edge of said framework, and said inner ends of the first and second fourth edge portions are each connected to a different one of two inner support beams;
- (d) a support leg having a support leg framework which is secured by pivotable fasteners to each of the two inner support beams that are attached to said first and second fourth edge portions, said support leg having outer surfaces comprising a front surface, a back surface, and four side surfaces attaching said front to said back surface, which outer surfaces form an enclosure for said support leg framework, said support leg having two long edges and a first bottom short edge and a second top short edge, said first bottom short edge secured to at least one hinge having a first attachment area and a second attachment area at said first attachment area; said second attachment area secured to said unit casing;
- (e) a latching mechanism having a retractable rod which is engaged in the aperture defined by said top inner casing surface when said table top is in a second storage position and is unengaged therefrom when said table top is in its first use position, said latching mechanism located adjacent a portion of said framework, said latching mechanism having a latching means which may be activated by a user to move said rod from the engaged position to the unengaged position;

whereby, when said rod is retracted to said unengaged position, said table top may be tilted outwardly from vertical to horizontal as said pivotable fasteners attaching said support leg to said framework rotate counter-clockwise, whereby the upper edge of the table top tilts downwardly and the lower edge of the table top tilts

upwardly until the table top bottom has moved from a starting upright position to a position 90 degrees therefrom, whereby the top edge of said supporting leg may be engaged with an area on the bottom of said table top bottom surface and thereby provide support for said table top.

2. The table assembly of claim 1, wherein said area on the bottom of the table top is a slot-like feature defined by a latch panel, whereby said supporting leg top edge may be securely wedged into a slot formed when said latch panel is pulled out from the vertical plane of said table top bottom.

3. The table assembly of claim 1, wherein said unit support casing is two to fifteen inches deep.

4. The table assembly of claim 3, wherein said unit support casing is three to twelve inches deep.

5. The table assembly of claim 3, further comprising one or more shelves secured to said unit support casing.

6. The table assembly of claim 1, wherein said hinge is a heavy-duty hinge generally corresponding in length to the width of said bottom edge of said support leg.

7. The table assembly of claim 1, wherein more than one hinge is utilized to secure said support leg to said unit casing.

8. The table assembly of claim 1, wherein said table bottom surface comprises an aesthetic facade.

9. The table assembly of claim 8, wherein said support leg outer surface comprises a facade aesthetically complementary to said table bottom surface.

10. The table assembly of claim 1, further comprising a track defined by said side unit support casing and a roller attached to the side of the table top which engages with said track and may be rolled from a first position near the bottom of said unit casing to a second position upward therefrom, said rollers and tracks providing assistance in moving the bottom edge up to a 90 degree position.

11. The table assembly of claim 1, wherein said unit casing further comprises an upright back wall secured thereto.

12. The table assembly of claim 11, wherein said upright back wall further comprises an assisting trim piece secured thereto, said assisting trim positioned so to prevent said table top from continuing to move upwardly when it is in use position.

13. The table assembly of claim 1, wherein said table top is from about 60 to about 80 inches in length and long and from about 25 to 45 inches wide.

14. The table assembly of claim 1, wherein said table top is from about 65 to about 75 inches long and from about 25 to about 35 inches wide.

15. The table assembly of claim 1, wherein said table top is about 70 inches long and about 30 inches wide.

16. The table assembly of claim 1, wherein said support leg is approximately one-third the width of said table top.

17. The table assembly of claim 1, wherein said support leg is the same width as said table top.

18. The table assembly of claim 1, wherein said support leg is attached to said unit casing by one hinge.

19. The table assembly of claim 18, wherein said hinge is at least about 10 inches in length.

20. The table assembly of claim 1, wherein said support leg is attached to said unit casing by two hinges having a length of from about five inches to from about fifteen inches.