

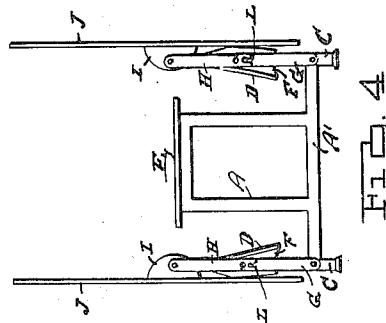
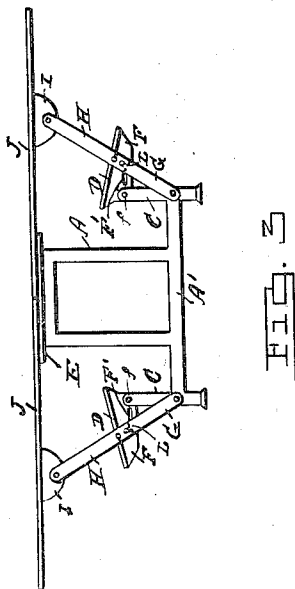
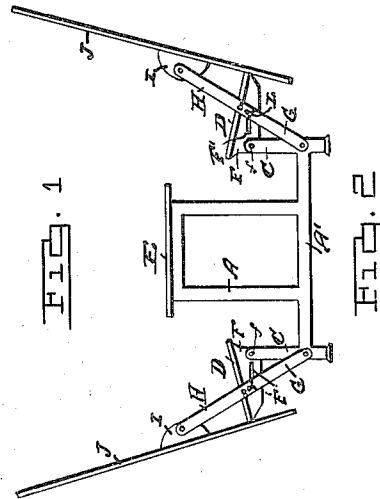
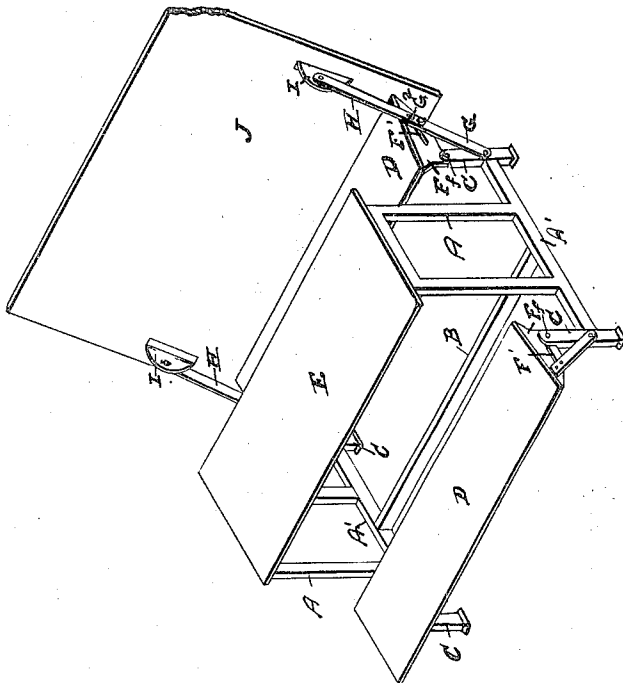
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G. ROSENBAUM
COMBINED TABLE AND BENCH

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2 Sheets-Sheet 1



INVENTOR.
Gad Rosenbaum
BY
L. E. Thomas

Jan. 17, 1950

G. ROSENBAUM

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2 Sheets-Sheet 2

BY *H. E. Thomas*

UNITED STATES PATENT OFFICE

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COMBINED TABLE AND BENCH

Gad Rosenbaum, Detroit, Mich.

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4 Claims. (Cl. 155-43)

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My invention relates to a game table, and particularly to a Ping-pong or tennis table; it is also adapted for other purposes, for example a drafting or drawing table, having in combination an easel for supporting a painting or drawing to be copied, the table may also be used for serving refreshments, for card games and many other purposes, and when not in use may be closed to occupy less space for storage in a relatively small room or closet.

In the accompanying drawings:

Figure 1 is a perspective view of the table "open," showing one-half of the upper deck or top of the table tilted to provide a back-support for anyone occupying a bench seat in front of the auxiliary table below—as when drafting, serving refreshments, or other purposes for which it is particularly adapted; the other "half" of the upper deck or table top being broken off in order to clearly show portions which would be hidden thereby.

Figure 2 is an end elevation of the table, showing both sections of its upper top or deck swung back to provide inclined back-rests or supports for two more persons occupying seats on opposite sides of the lower or auxiliary table.

Figure 3 is an end elevation of the table, showing both top sections of the upper deck on an even horizontal plane, and resting upon the auxiliary table top beneath them.

Figure 4 is an end elevation of the table, showing both sections of the top tilted upwardly in opposing vertical parallel relation to each other, for storage in a relatively small space.

Figure 5 is a perspective view of the table "open" showing both sections of its upper deck or top, tilted to provide back supports, for card players occupying the bench seats on opposite sides of the table below; when used for card games.

Figure 6 is a fragmentary view in end elevation showing one of the bench seats pivoted to a supporting leg, and also to a divided inclined jointed arm, which is pivoted to the leg and to a hanger secured to the underside of the tiltable table top.

Figure 7 is a fragmentary view partially in elevation and partially in section, taken on line 7-7 of Figure 6, as viewed from the direction indicated by the arrows, showing the divided jointed arms adjustably connected by bolts extending through an end slot and an angular open-slot in the outer edjacent arm, secured by a wing-nut.

Figure 8 is a fragmentary perspective view of a swinging latch for securing the abutting sections of the table-top together when in horizontal

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alignment; the latch and keeper being respectively secured to the underside of the adjacent table top sections.

Referring now to the letters of reference indicating the several parts shown in the drawings.

A, A, denote two end-frames connected together by a central tie-bar B, secured in a suitable manner at each end to the lower cross bars A'—A', which respectively project in opposite directions from the end frames, and at their outer ends are bolted to four upright members C, which serve as legs to support the end frames in spaced relation to the floor; and also to support the tiltable bench-seats D, D, located on opposite sides of the fixed auxiliary table E, secured to the end-frames A—A.

Attached to the underside of the bench-seats D, D, at each end of the seats, are depending hangers F, which are respectively pivoted at f, to the four upright members C. Pivoted to the lower ends of the upright members C, are four jointed swinging members or links G—H, in turn pivoted to four depending hangers I, secured to the underside of the divided table-top sections J—J; the abutting ends of the table top sections rest on the auxiliary stationary table top E, located directly below, when the table-top sections J—J is adjusted to play table-tennis; or Ping-pong thereon.

The jointed swinging members H, G, are respectively connected together in operative relation by pins J', slidable in the arc-shaped slots F' provided in the depending hangers F, secured to the underside of the bench-seats D; the members H and G being held together by adjustable wing nuts G².

The pins J' extending from the hangers F, secured to the underside of the bench seats D, are adapted to enter the open ends of the slots L, at the lower end of the upper links H; and the bolts G', supported in the upper end of the links G, are adapted to connect the links G, and H, in operative relation through the open right angle slots h, extending from the side of the links H, see Figures 6 and 7, when secured together in operative relation by the adjustment of the wing-nuts G².

To secure the divided top sections J, J, in a horizontal plane for playing table tennis; the swinging latches M, pivoted to the underside of one section of the table top are shifted to engage the keepers N, attached to the underside of the adjoining top section, thereby securing the sections in alignment.

To adjust the table to the position shown in Figure 4, for storage purposes, the sections of

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the divided table top J—J, are pushed toward each other until they assume the positions indicated in Figure 4; the bench seats D—D automatically adjusting themselves to the positions as shown in said view by sliding movement of the pins J' in the slots F' and tilting of the seats about the pins f.

What I claim is:

1. An article of furniture comprising transversely extending end sections disposed vertically and having lower cross bars projecting from opposite sides thereof and vertically extending legs at opposite ends of the cross bars, a longitudinally extending bar between the end sections secured at their ends to the cross bars there-of, a table top disposed horizontally and having end portions supported upon the said end sections, seats extending longitudinally at opposite sides of the connected end sections and table top, brackets mounted transversely of said seats under end portions thereof and extending transversely thereof and downwardly therefrom, said brackets having inner end portions pivoted to upper ends of the legs and outwardly of the legs being formed with longitudinally extending arcuate slots, upper and lower links, the lower links having lower ends pivoted to lower portions of the legs, bolts pivotally connecting lower ends of the upper links with upper ends of the lower links and slidably passing through said slots, table-top sections for resting flat upon the first mentioned table top with inner ends abutting midway the width of the first table top, brackets depending from opposite side portions of the said table-top sections and pivoted to upper ends of the upper links and pivotally mounting the said table-top sections for swinging movement from a position flat upon the first table-top to an upright position back of the seats, the upper links having lower end portions formed with bayonet slots leading from their outer side edges, bolts carried by the upper ends of the lower links for engaging through the bayonet slots and releasably holding the upper and lower links in alignment, the seats being tiltable upwardly and inwardly about their pivotal connections with upper ends of the legs from a horizontal position for use to a substantially vertical folded position, and latches for releasably holding inner ends of the table-top sections in abutting engagement with each other.

2. An article of furniture comprising a table including a frame having vertical, spaced, connected end sections and a top supported horizontally upon the frame, floor-engaging legs disposed vertically and spaced outwardly from opposite sides of the frame and connected to said end sections, seats extending longitudinally of the table at opposite sides thereof and having depending brackets at opposite ends pivoted to upper ends of the legs and mounting the seats for tilting movement from a horizontal position for use to a vertically disposed folded position, table-top sections for resting upon the top of said table and forming an auxiliary table top having portions projecting from opposite sides

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of the first mentioned table top, brackets depending from opposite side edge portions of the said table top sections, the brackets of said seats being formed with slots extending longitudinally thereof, supports formed of lower links having lower ends pivoted to lower portions of said legs and upper links having upper ends pivoted to the brackets of the table-top sections, bolts pivotally mounting the upper and lower links in overlapped engagement with each other and passing through the slots of the seat brackets to releasably hold the seats in a horizontal position for use, means for releasably holding the upper and lower links in alignment with each other, and means for releasably holding said table-top sections flat upon the first table top.

3. An article of furniture comprising a table including a frame having vertical, spaced, connected end sections and a top mounted thereon, vertical legs at opposite sides of the frame and connected to said end sections, seats at opposite sides of the table tiltable mounted between companion legs for vertical swinging movement from a horizontal position for use to a vertically disposed folded position, table-top sections for resting horizontally upon the top of said table, supports for the seats and the table-top sections pivoted to the legs and the said table-top sections and formed of companion upper and lower sections having meeting end portions overlapped, and bolts passing through the overlapped ends of the support sections and slidably and pivotally connected with ends of the seats and when tightened holding the seats in horizontal position for use, said supports mounting the said table-top sections for movement from a horizontal position flat upon the first table-top to an upright position back of the seats.

4. An article of furniture comprising a table including a frame having vertical, spaced, connected end sections and a top mounted horizontally thereon, seats at opposite sides of the table tiltable mounted for movement from a horizontal position for use to a vertically disposed folded position, table-top sections, and supports pivoted to the legs and the said table-top sections and mounting the table-top sections for movement from a horizontal position flat upon the first table-top to an upright position back of said seats, said supports being pivotally and slidably connected with said seats and constituting means for releasably supporting the seats in position for use and in a folded position.

GAD ROSENBAUM.

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