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TABLE

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Fig. 1.

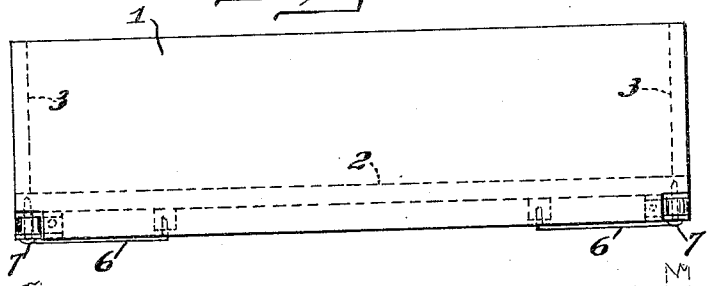


Fig. 2.

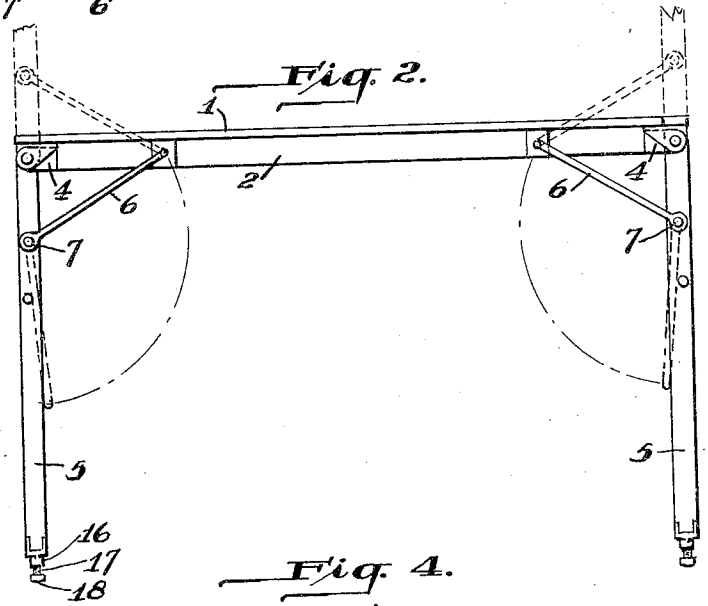


Fig. 3.

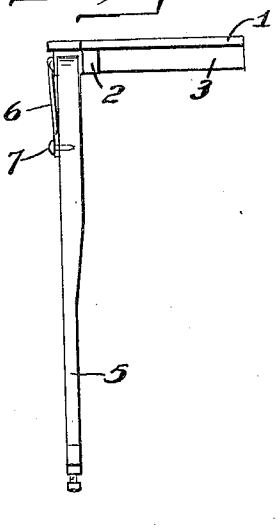


Fig. 4.

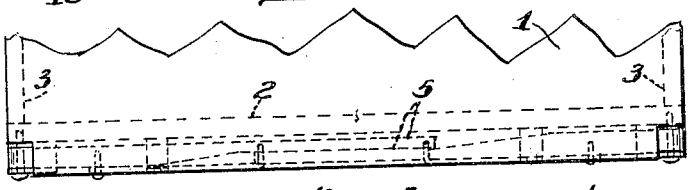


Fig. 5.

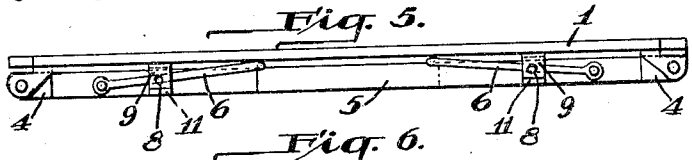


Fig. 6.

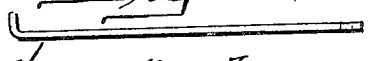
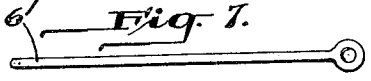


Fig. 7.



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Fig. 8.

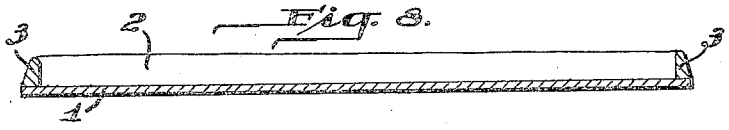


Fig. 9.

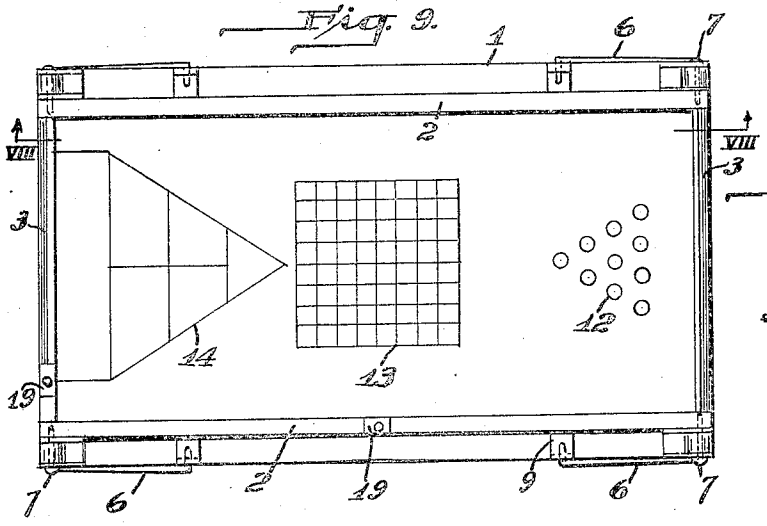


Fig. 14.

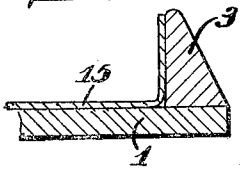


Fig. 10.

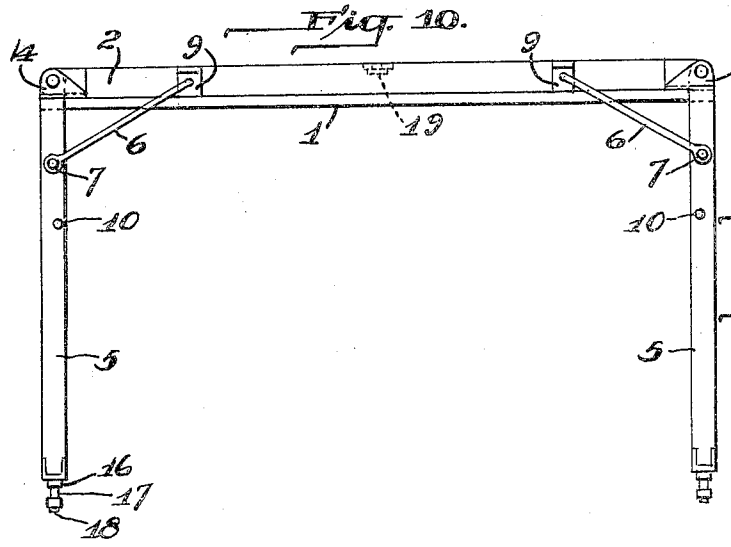
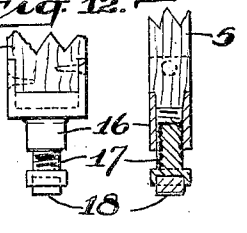


Fig. 11.



Fig. 13.

Fig. 12.



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Fig. 15.

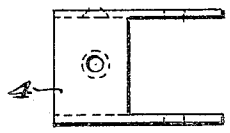


Fig. 16.

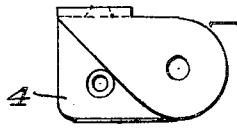


Fig. 17.

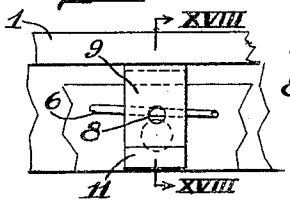
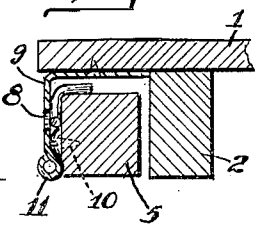


Fig. 18.



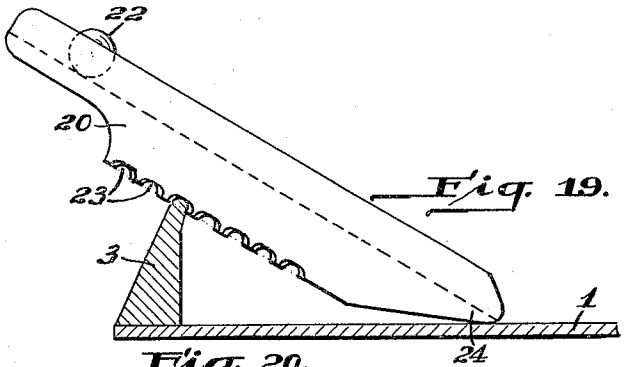


Fig. 19.

Fig. 20.

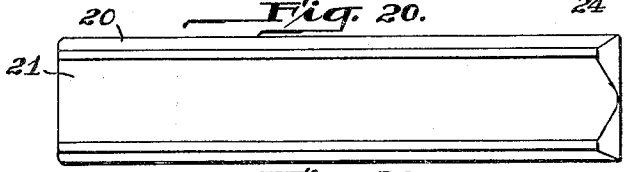


Fig. 21.

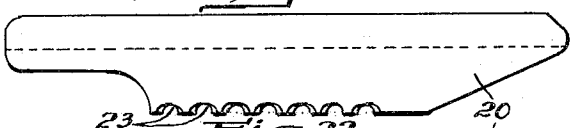


Fig. 22.

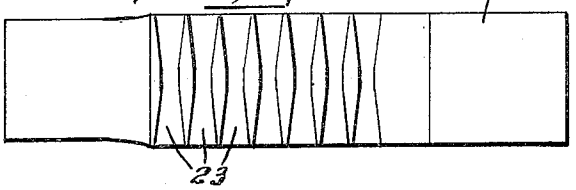


Fig. 23.



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Patented May 2, 1933

1,906,865

UNITED STATES PATENT OFFICE

WILLIAM J. KNOX, OF DU BOIS, PENNSYLVANIA

TABLE

Application filed May 18, 1932. Serial No. 611,968.

The invention relates to a table for games or the like and more particularly to a knock-down table construction adapted for use in a number of different ways, not only for games but as a sewing table and for general utility purposes. One object of the invention is the provision of a table of improved construction, wherein the legs may be folded against the body or swung so that they may be used on either side of the table top thus permitting both sides of he table top to be uilized. Further objects are the provision of a construction particularly adapted for games, such as ten pins, and having an improved chute which may be adjusted to discharge the balls employed at any desired speed and at any desired angle. Other objects of the invention will appear in connection with the description following and the drawings, wherein:

Figures 1, 2 and 3 show the table with the legs in one position of use, Fig. 1 being a partial plan view. Fig. 2 a side elevation view, and Fig. 3 a partial end elevation view. Figs. 4 and 5 are partial plan and side elevation views showing the table in folded position. Figs. 6 and 7 are detail views of one of the leg braces. Figs. 8, 9 and 10 show the table with the top reversed so that the legs are at an angle of 180 degrees from the position of Figs. 1 to 3, Fig. 8 being a section on the line VIII—VIII of Fig. 9, Fig. 9 being a plan view and Fig. 10 a side elevation view. Figs. 11, 12 and 13 are details of the leveling adjustment at the ends of the legs. Fig. 14 is a fragmentary section showing how the table top may be provided with a metal pan. Figs. 15 and 16 are detail views of one of the metal brackets to which the table legs are hinged. Figs. 17 and 18 are detail views illustrating the metal clip for holding the table legs in collapsed position, Fig. 18 being a section on the line XVIII—XVIII of Fig. 17. And Figs. 19 to 23 are detail views showing the adjustable chute.

The body of the table comprises the top 1, the side members 2, 2 and the end members 3, 3 all rigidly secured together by any suitable means. At the four corners are the metal brackets 4, 4, 4, 4 secured to the top and side members by screws, and in these brackets are pivoted the legs 5, 5, 5, 5, adapted to swing from the folded position of Fig. 4 to either the full line position of Fig. 2 or to the dotted line position of Fig. 2, at which time the table top is turned upside down to the position of Fig. 10.

The legs are held releasably in the full line position of Fig. 2 by means of the braces 6, 6, 6, 6, pivoted at 7 to the legs and having their other ends turned at right angles to the bodies of the braces (Fig. 6) and engaging perforations 8 in the spring holding brackets or clips 9, 9, 9, 9. The brackets 9 are constructed as indicated in Figs. 17 and 18. These brackets also perform a further function, namely of holding the legs of the table in the folded position of Figs. 5. Each table leg is provided with a round headed screw 10 and when the leg is in folded position, as indicated in Figs. 4 and 18, the bead 11 on the spring bracket lies beneath the head of the screw so that the legs are yieldingly held against becoming unfolded. The legs are formed so that their ends lie alongside each other when folded (Fig. 4) and when in this position the parts are held against accidental unfolding as above set forth.

When the table legs are in the position of Fig. 2, the side which is uppermost is similar to the ordinary table top, and the table may be used for general purposes or as a sewing table or card table.

To use the other side of the top, the braces 6 are released from the perforations 8 in the brackets 9 by springing them outward, after which the legs are swung to the dotted line position of Fig. 2, which is the full line position of Fig. 10 and the braces are again engaged in the perforation in the brackets 9. The face of the top which is now uppermost is designed as a game table. It is marked for ten pins, as indicated at 12, for checkers as indicated at 13, and for shuffle board as indicated at 14. The board is especially serviceable in games like ten pins, as the side members 2, 2 and end members 3, 3 prevent the balls or other movable members used in the game from leaving the table.

If desired, the top of the table may be

protected by a removable metal pan 15, as shown in Fig. 14. Such pan may be of aluminum or other suitable metal. The legs of the tables may also be provided with the leveling devices shown in Figs. 11 to 13, such devices comprising the sleeves 16 in which the members 17 are threaded. The members 17 are preferably provided with rubber pads 18. These devices are especially useful in connection with games such as ten pins, in which a level table surface is essential to accurate play. The sides of the table may also be provided with the spirit levels 19, 19 to assist in leveling up the board.

When the table is used for ten pins, the chute 20 (Figs. 19 to 23) is used. This chute is provided with a groove 21 for the ball 22 and is constructed so that any desired adjustment may be secured in order to give the ball any desired direction and speed of movement. The lower side of the chute is provided with a plurality of transverse grooves 23 adapted to engage the upper edge of the end member. The inclination of the chute to the horizontal to control the speed of the ball may be regulated by this means. The chute may also be adjusted along the member 3 and may be tilted laterally at any desired angle, due to the fact that the end 24 which engages the board is rounded and beveled and due to the tapering shape of the grooves 23, as indicated in Fig. 22.

What I claim is:

1. In combination in a table, a rectangular body, a pair of legs at each of the two opposite edges of the body mounted on pivots which lie parallel to said edges so that the legs may swing through an arc of substantially 180 degrees from a position on one side of the top at substantially right angles thereto, to a position on the other side of the top at substantially right angles thereto, and means for releasably securing the legs in their two positions of adjustment.

2. In combination in a table, a rectangular body, a plurality of legs each independently pivoted to the body at the corner thereof so that it may swing through an arc of substantially 180 degrees from a position on one side of the top at substantially right angles thereto, to a position on the other side of the top at substantially right angles thereto, and means for releasably securing the legs in their two positions of adjustment.

3. In combination in a table, a body, a plurality of legs each pivoted to the body so that they may swing through an arc of substantially 270 degrees, so that they may occupy a folded position against one side of the body or a position of use on one side of the body at an angle of 90 degrees thereto, or a second position of use on the other side of the body at an angle of 90 degrees thereto, and means for holding the legs releasably in all of said various positions.

4. In combination in a table, a body, a plurality of legs each pivoted to the body so that it may swing through an arc of substantially 270 degrees, so that it may occupy a folded position against one side of the body, or a position of use on one side of the body at an angle of 90 degrees thereto, or a second position of use on the other side of the table at an angle of 90 degrees thereto, spring clips on the body adapted to engage the legs and hold them releasably in folded position, and a brace pivoted to each leg and adapted to releasably engage one of said clips when the legs are in their two positions of use.

5. In combination in a table, a body comprising a rectangular top board, side members extending along the side edges of the board on one side thereof, end members extending along the end edges of the board on the same side thereof as the side members and a leg pivoted to each corner of the body so that it may swing through an arc of substantially 180 degrees from a position on one side of the top at substantially right angles thereto, to a position on the other side of the top at substantially right angles thereto, and means for releasably securing the legs in their two positions of adjustment.

6. In combination in a table, a body comprising a rectangular top board, side members extending along the side edges of the board and one side thereof, end members extending along the end edges of the board on the same side thereof as the side members and a leg pivoted to each corner of the body so that it may swing through an arc of substantially 270 degrees so that it may occupy a folded position against the top board alongside one of the side members or a position of use on one side of the body at an angle of 90 degrees thereto or a second position of use on the other side of the table at an angle of 90 degrees thereto, and means for holding the legs releasably in all of said various positions.

7. A table having legs pivotally attached to the top and mounted to swing through an angle of 270 degrees from a folded position parallel with the top, and means for releasably holding the legs at an angle of 90 degrees to the folded position and also at an angle of 270 degrees to such folded position.

8. A table having legs pivotally attached to the top and mounted to swing through an angle of 270 degrees from a folded position parallel with the top, spring clips for holding the legs in folded position, and means for releasably holding the legs at an angle of 90 degrees to the folded position and also at an angle of 270 degrees to such folded position.

In testimony whereof, I have hereunto subscribed my name this 14 day of May, 1932.

WILLIAM J. KNOX.