Sept. 5, 1933. O. GOERNER 1,925,692

BILLIARD TABLE

Filed Oct. 22, 1931

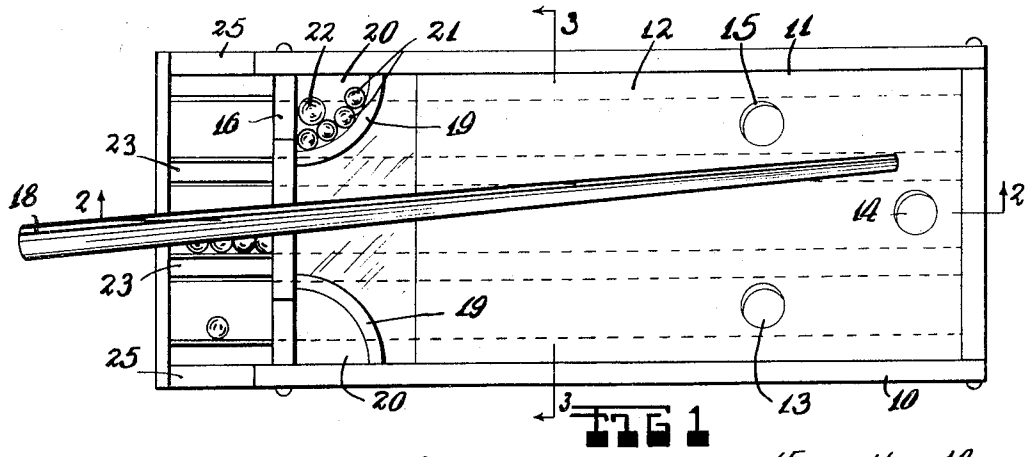



FIG 1

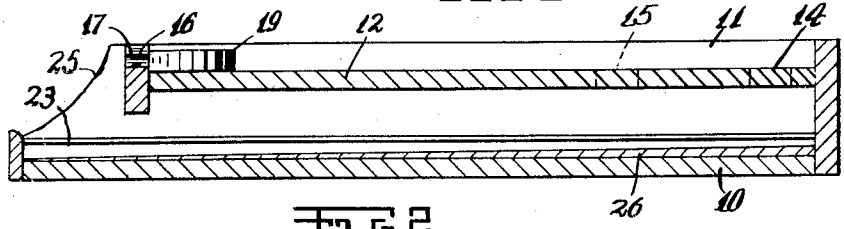



FIG 2

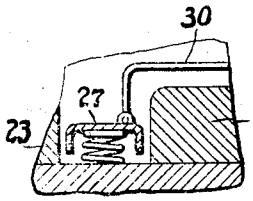



Fig. 7.

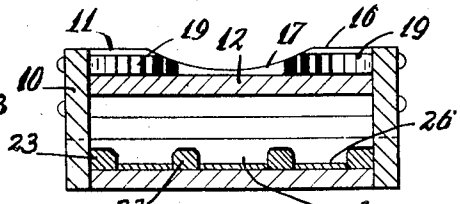



FIG 3

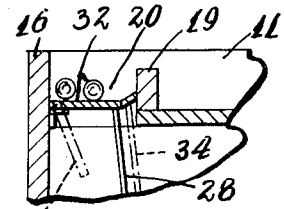



FIG 6

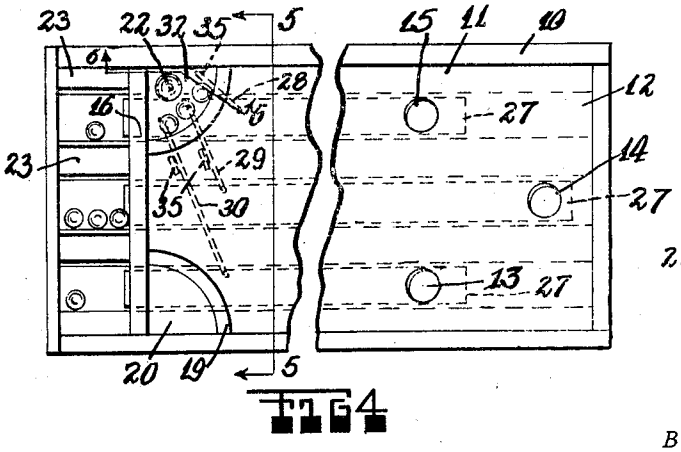



FIG 4

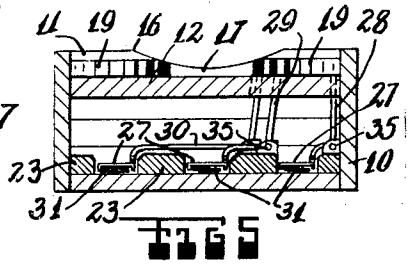



FIG 5

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## BILLIARD TABLE

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Application October 22, 1931. Serial No. 570,277

4 Claims. (Cl. 273—3)

This invention relates to new and useful improvements in a baby grand billiard table.

The invention has for an object the construction of a billiard table which is characterized by the provision of a box opened at the top, and a table board with holes for balls to fall through supported slightly down from the top edge and extending from a short distance from the rear of the box to the front.

Furthermore, as another object of this invention, it is proposed to arrange a strip upon the rear edge of the table board for the purpose of preventing balls on the board from falling into the box.

Furthermore, it is proposed to arrange strips within the bottom of the box forming tracks for guiding balls into the rear of the box which have passed through the holes in the table board.

Furthermore, as another object it is proposed to arrange arcuate strips upon the rear corners of the table board for the purpose of dividing off a section for holding balls.

As a further object of this invention it is proposed to arrange the divided off portion of the table board hingedly, and to provide means for releasing the hinged portion so as to drop the balls upon the simultaneous rolling of balls in all of the tracks provided in the bottom of the box.

As a still further object it is proposed to construct a device of the class mentioned which is of simple, durable construction, dependable in use and efficient in operation, and which can be manufactured and sold at a reasonable cost.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawing, and to the appended claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawing forming a material part of this disclosure:—

Fig. 1 is a plan view of a device constructed according to this invention.

Fig. 2 is a sectional view taken on the line 2—2 of Fig. 1.

Fig. 3 is a transverse sectional view taken on the line 3—3 of Fig. 1.

Fig. 4 is a fragmentary view similar to Fig. 1 but illustrating a modification.

Fig. 5 is a transverse sectional view taken on the line 5—5 of Fig. 4.

Fig. 6 is a sectional view taken on the line 6—6 of Fig. 4.

Fig. 7 is a fragmentary enlarged detailed view of a portion of Fig. 5 showing in particular the detailed construction between certain of the parts.

The baby grand billiard table, according to this invention, comprises a box 10 which is open at the top 11 and supports a table board 12 with holes 13, 14 and 15, spaced slightly down from the top edge of the box. This board extends from a short distance from the rear of the box completely to the front end of the box. A strip 16 is attached upon the rear edge of the board 12 and serves to prevent balls from rolling off the table board and falling into the box. The strip 16 has its central portion cut out in the shape of a curve 17 so as to allow convenient use of the cue 18 for striking the balls. Arcuate strips 19 are mounted upon the table board in the rear corners thereof and divide off areas 20 from the storing of balls such as indicated by reference numerals 21 and 22. The ball 22 is a large ball and all the other balls are small ones of the same size.

A plurality of parallel strips 23 are mounted upon the bottom of the box 10 and extend from the front to the back so as to divide off spaces 24 serving as tracks in which the balls may roll when they pass through the openings 13, 14 and 15. One track is provided for each of the openings. The sides of the box at the rear are cut out as indicated by reference numeral 25 so as not to hamper a player when manipulating the cue 18. Strips 26 are mounted within the track areas 24 and are inclined from the front to the rear so as to direct the balls to roll towards the rear from where they may be removed when desired.

In the modified form of the device illustrated in Figs. 4, 5 and 6, depressible tracks 27 are mounted within the track passages 24. Bell cranks 28, 29 and 30 are intermediately pivotally mounted upon the strips 23 and pivotally connected (see Fig. 7 for a detailed showing of one of the pivotal connections) upon the depressible tracks 27 at their bottom ends. Resilient means 31 in the form of springs are disposed beneath the depressible tracks 27 and serve to hold them in a normally raised position. The other ends of the bell crank 28, 29 and 30 extend underneath the edge of a trap door 32 mounted within the divided off area 20 used for the storing of balls on one side of the device. The arrangement is such that when balls fall through the openings in the table board, the depressible tracks are lowered which serve to pivot the bell cranks so that the trap door 32 is released. If all of the depressible tracks are depressed simultaneously due to

balls rolling on them at one time, then all of the bell cranks 28, 29 and 30 will release the trap door 32 so that it may move downwards as indicated by reference numeral 33 and drop the balls down upon the bottom of the box. Dot and dash lines 34 illustrate a moved position of the bell crank 28 in which the trap door 32 is released. Reference numerals 35 indicate the pivoted points of the bell cranks 28, 29 and 30 upon the strips 23.

The game on the baby grand billiard table may be played in the following manner:—The large ball 22 should first be placed upon the shaded area on the table board 12, which area is clearly illustrated in Fig. 1 of the drawing. Then a small ball should be placed nearby and it is the object of the player to strike the small ball in a manner so that it strikes the large ball and one or the other passes through any one of the openings in the table top. Next, another small ball is placed upon the shaded area of the table top and the player strikes this ball with the cue with the object of hitting one of the balls on the table top which is there due to the fact that it did not pass through one of the openings in the table top. In this manner the game is continued. All the balls which pass through the opening 15 will roll into view in the rear of the box and be counted as 50, except the large ball which is counted as 100. All of the balls which pass through the opening 14 will roll into view in the box and will be counted as 100 points, except the large ball which will be counted for 200. All of the balls which pass through the opening 13 will roll into view in the box and will be counted as 50 points, except if the large ball enters which is counted as 100. The player is given one large ball and nine small balls to play the game. If any balls roll back after being struck out by the cue to the shaded area of the table top they must be placed in the left hand area 20 within the arcuate strip 19. All of the balls which the player may play with should be placed in the other area 20 on the right hand side of the billiard table.

When the game is played with the construction illustrated in Figs. 4 to 6 inclusive, the player obtains 500 points if he succeeds in causing three balls to simultaneously pass through the three openings in the top of the table board so that they roll along all tracks and cause the releasing of the trap 32.

While I have shown and described the preferred embodiment of my invention, it is to be understood that I do not limit myself to the precise construction herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claims.

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

1. A billiard table, comprising a box having an open top, a table board with holes for balls to fall through supported slightly down from the top edge of the box and extending from a short distance of the rear of the box to the front, a strip across the rear of said table board, strips upon the bottom of said box forming tracks in which balls which fall through the openings in the table top may roll, arcuate strips dividing off corners of the table top at the rear thereof, depressible tracks resiliently mounted upon said tracks, one of the areas within the arcuate strips having a trap door, and means for releasing the trap door on simultaneous depression of all of said depressible tracks.

2. A billiard table, comprising a box having an open top, a table board with holes for balls to fall through supported slightly down from the top edge of the box and extending from a short distance of the rear of the box to the front, a strip across the rear of said table board, strips upon the bottom of said box forming tracks in which balls which fall through the openings in the table top may roll, arcuate strips dividing off corners of the table top at the rear thereof, depressible tracks resiliently mounted upon said tracks, one of the areas within the arcuate strips having a trap door, and means for releasing the trap door on simultaneous depression of all of said depressible tracks, comprising bell cranks pivotally mounted intermediately upon the strips forming said stationary tracks, one end of each of said cranks engaging the bottom of the trap door and the other end of each being pivotally connected with said depressible tracks.

3. A billiard table, comprising a box having an open top, a table board with holes for balls to fall through supported slightly down from the top edge of the box and extending from a short distance of the rear of the box to the front, a strip across the rear of said table board, strips upon the bottom of said box forming tracks in which balls which fall through the openings in the table may roll, arcuate strips dividing off corners of the table top at the rear thereof, depressible tracks mounted in said tracks, means for urging said depressible tracks into their upward position, one of said areas within the arcuate strips having a trap door, and means for releasing the trap door on simultaneous depressing of all of said depressible tracks.

4. A billiard table, comprising a box having an open top, a table board with holes for balls to fall through supported slightly down from the top edge of the box and extending from a short distance of the rear of the box to the front, a strip across the rear of said table board, strips upon the bottom of said box forming tracks in which balls which fall through the openings in the table top may roll, arcuate strips dividing off corners of the table top at the rear thereof, depressible tracks mounted in said tracks, means for urging said depressible tracks into their upward position, one of said areas within the arcuate strips having a trap door, and means for releasing the trap door on simultaneous depressing of all of said depressible tracks, said means for urging said depressible tracks into their upward position comprising springs acting between the tracks and the bottom of the box.

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