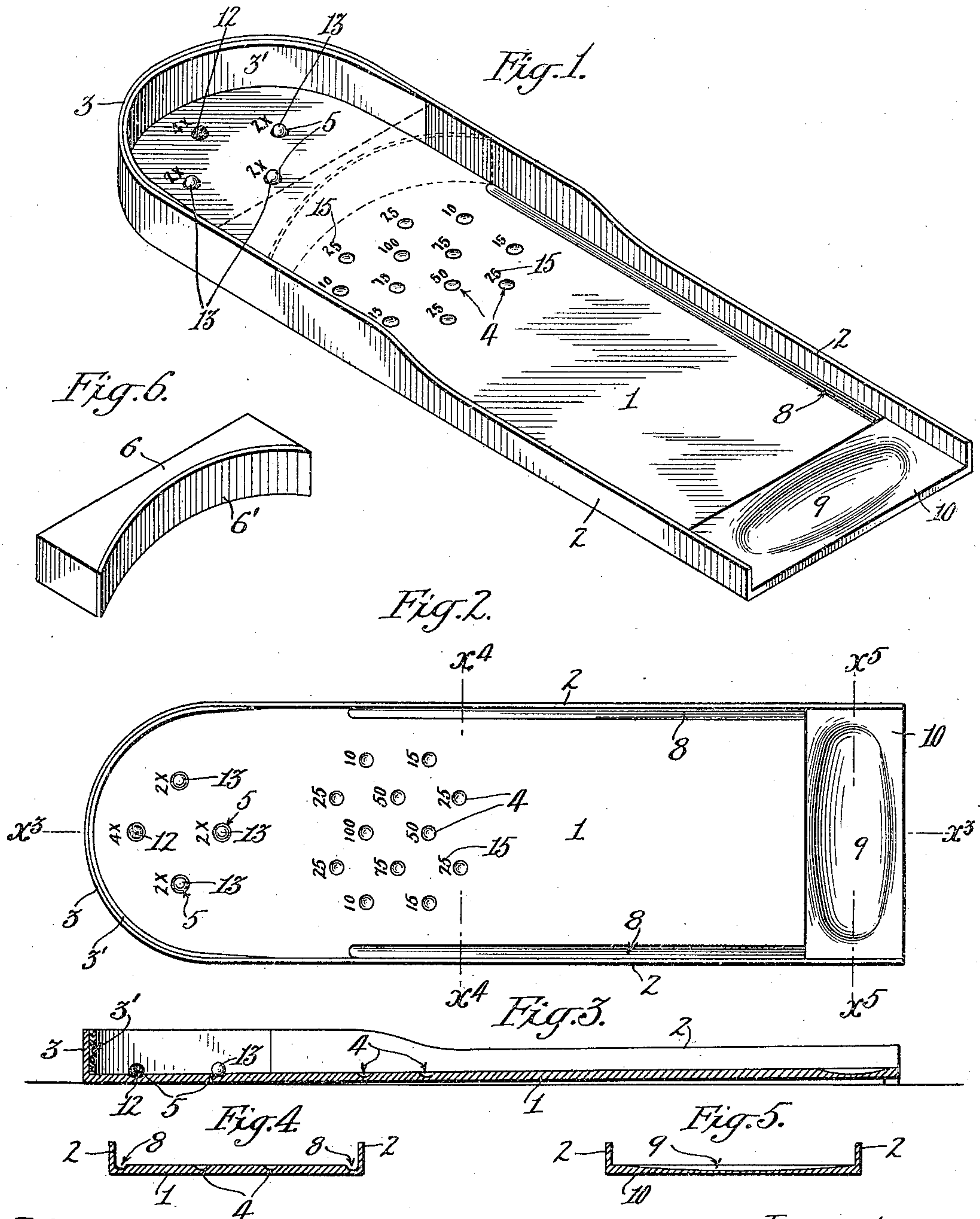


R. SATO.  
 GAME APPARATUS.  
 APPLICATION FILED MAR 1, 1909.

952,644.

Patented Mar. 22, 1910.



Witnesses:  
 Frank Labraham  
 Louis W. Gatz.

Inventor,  
 Ryuji Sato.  
 by Townsend Lyon Thacker,  
 His Atty.



# UNITED STATES PATENT OFFICE.

RYUJI SATO, OF LOS ANGELES, CALIFORNIA.

## GAME APPARATUS.

952,644.

Specification of Letters Patent. Patented Mar. 22, 1910.

Application filed March 1, 1909. Serial No. 480,785.

*To all whom it may concern:*

Be it known that I, RYUJI SATO, a subject of the Emperor of Japan, residing at Los Angeles, in the county of Los Angeles and State of California, have invented a new and useful Game Apparatus, of which the following is a specification.

This invention relates to the class of game apparatus wherein a board or table is provided with a plurality of recesses or pockets, the game consisting in rolling balls or other round objects along the board in such manner that they will fall into said recesses or pockets.

An object of the invention is to provide a game of this character with means for supporting balls or the like in set position to be struck by the rolled ball, so that dislodging of these set balls and driving these struck and dislodged balls into the recesses of the board will form a part of the game and will add to the interest thereof and to the skill required in playing the same.

Another object of the invention is to provide means whereby the game board may be used when desired without these special features.

The accompanying drawings illustrate the invention.

Figure 1 is a perspective of the board. Fig. 2 is a plan view thereof. Fig. 3 is a longitudinal section on the line  $x^3-x^3$  Fig. 2. Figs. 4 and 5 are transverse sections, respectively on the lines  $x^4-x^4$  and  $x^5-x^5$  in Fig. 2. Fig. 6 is a perspective of a limiting block for restricting the field of operation of the balls, as hereinafter described.

1 designates a board or table preferably formed with a plane upper surface which slopes slightly toward the rear as shown in Fig. 3. This board is provided at each side with an upwardly extending wall or flange 2 which is curved around the rear end of the board in a concavely rounded wall 3.

In the upper face of the board 1 are provided two sets of pockets, recesses or depressions 4, 5, adapted to receive balls, the set of pockets 5 being near the rear end of the board and the set of pockets 4 being intermediate the set 5 and the front end of the board, with sufficient space between the two sets to allow the interposition of a temporary wall indicated in dotted lines at 6 in Fig. 1 and in full lines in Fig. 6. The pockets 4, 5 may be of any desired number and arrangement, there being preferably a greater

number in the set 4 than in the set 5. The pockets in the set 4 may be arranged in longitudinal and transverse rows in alternating or staggered arrangement and the pockets in the set 5 may be arranged in diamond or square shape. Board 1 may be provided with marks 15 adjacent to the pockets 4, designating score values thereof. The upper face of board 1 is provided at each side adjacent the wall 2 with a longitudinal groove 8 and at the forward end with a pocket or large depression 9, the grooves 8 terminating directly at the rear of the front end plate 10 of the game board in which the pocket 9 is formed. At the rear of the board the wall 3 is provided with an elastic cushion or facing 3' of rubber or other elastic material and the insertible wall 6 is similarly provided with an elastic facing 6' on its arched face.

The game may be played as follows: Balls 12, 13, preferably of special color, are placed in depressions 5 and the player, taking another ball, which may be uncolored, rolls the same along the surface of the board 1, one object of the play being to cause the played ball to rebound from the wall 3 in such manner as to rest in one of the pockets or depressions 4. When the played ball rests in any one of said pockets it scores at any value marked in said depressions. If the ball rebounds with such force as to return to the front pocket 9 it may be played over again. The object of the grooves 8 is to return the balls to the front of the board. Another object of the play is to cause the played ball to strike and dislodge any one of the normally seated balls 13 in the pockets 5 so as to cause the same to roll back and lodge in some one of the pockets 4. The ball 12 is preferably differently colored from the balls 13, the latter counting as double the value of the mark indicated at the pockets 4 and the ball 12 counting four times the marked value.

In case it is desired to use the game apparatus in the ordinary manner, the division or wall piece 6 will be placed in position shown in dotted lines in Fig. 1, so that the balls will rebound therefrom and will lodge in the pockets 4 in the usual manner.

What I claim is:

A game apparatus comprising a board having a continuous flat upper face, and having a set of pockets near the rear end thereof, for containing normally seated

balls, and having another set of pockets in front of the first set of pockets, for receiving played balls and also for receiving the normally seated balls when dis-  
5 lodged by a played ball, a wall piece adapted to be located between the two sets of pockets and formed with an arched face provided with an elastic cushion, a wall extending at the rear end of the board, and  
10 provided with an elastic cushion to rebound the balls, and a wall extending along each

side of the board, said board having a depression near its forward end, and also having a longitudinal groove at each side adjacent to the side wall.

15

In testimony whereof, I have hereunto set my hand at Los Angeles, California, this 20th day of February, 1909.

RYUJI SATO.

In presence of—

ARTHUR P. KNIGHT,  
FRANK LA GRAHAM.