No. 725,118. PATENTED APR. 14, 1903.

A. MUELLER.

GAME APPARATUS.

APPLICATION FILED OCT. 29, 1902.

NO MODEL.

Fig. 1.

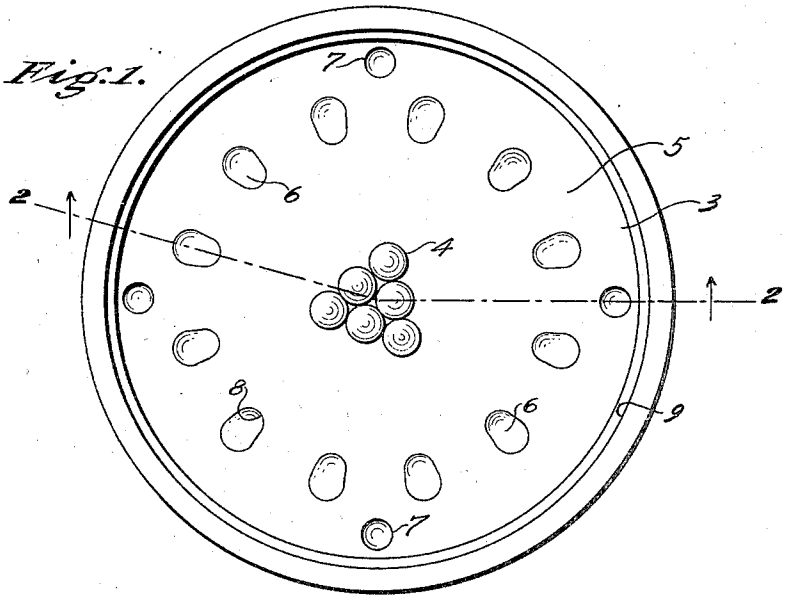


Fig. 2.

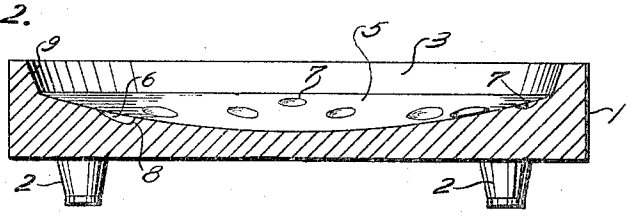


Fig. 3.

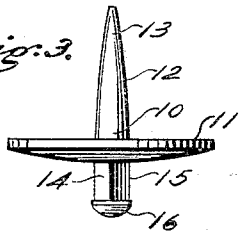
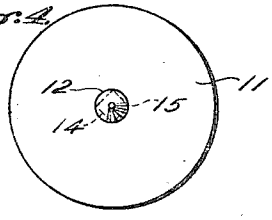


Fig. 4.



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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

ANDREAS MUELLER, OF CHICAGO, ILLINOIS.

GAME APPARATUS.

SPECIFICATION forming part of Letters Patent No. 725,118, dated April 14, 1903.

Application filed October 29, 1902. Serial No. 129,243. (No model.)

To all whom it may concern:

Be it known that I, ANDREAS MUELLER, a citizen of the United States of America, and a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Game Apparatuses, of which the following is a specification.

My invention relates to game apparatus; and its objects will be understood from the following description, together with the accompanying drawings, in which—

Figure 1 is a top plan of a game-board constructed according to my invention. Fig. 2 is a vertical section of the same along the line 2 2 of Fig. 1. Fig. 3 is an elevation of a spinning-top which is suitable for use in connection with the game-board shown. Fig. 4 is a top plan of such spinning-top.

In the device shown the game-board consists of a circular plate 1, supported by suitable legs 2 and having in its upper surface a dish-shaped cavity 3. A plurality of balls 4 rest loosely in the cavity 3. The bottom 5 of the cavity 3 is preferably concave, so that the balls 4 will tend to gravitate toward the center of said cavity. The bottom 5 is provided with a plurality of depressions or pockets 6 and 7. The depressions 6 are arranged in a circle around the center of the cavity 3 and are of the form shown, having an abrupt shoulder 8 at their innermost point and being otherwise formed so that the balls 4 will easily lodge therein. The depressions 7 are located near the walls surrounding the cavity 3 and at a greater distance from the center of said cavity than the depressions 6. The depressions 7 are shallower than the depressions 6 and are adapted to hold the balls 4 less firmly than the depressions 6. The side walls 9 of the cavity 3 are quite abrupt, so as to prevent the balls 4 from being thrown out of said cavity.

The spinning-top 10 consists of a disk 11, having axially secured thereto an extended shank 12. The upper part 13 of the shank 12 is preferably circular in cross-section, while the part 14 below the disk 11 is preferably prismatic or square, so as to present a plurality of shoulders 15. The point 16 of the top is rounded and blunt.

The operation of the device shown is as follows: The balls 4 are placed in the depressions 3 and the top is spun on the bottom 5 of the game-board. The downward slope of the bottom causes the top to move toward the center among the balls 4, and the rapidly-rotating shoulders 15 strike the balls and drive them outwardly toward the edges of the cavity 3. Such balls as pass over the edges of the depression 6 become lodged therein, but the balls will become lodged in the depressions 7 only when they enter such depressions at a low rate of speed. If the balls strike the wall 9, their tendency is to bound back over the depressions 7. The different depressions may be numbered to represent the number of points with which a player will be credited when one of the balls becomes lodged in any of such depressions.

It will be seen that some of the details of the construction shown may be altered without departing from the spirit of my invention. I therefore do not confine myself to such details, except as hereinafter limited in the claims.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A game apparatus, comprising a dish-shaped game-board having the bottom of its inner surface concave; a ball; and a spinning-top having a shoulder thereon adapted to engage said ball when the top is spinning near same; said concave surface having therein a plurality of depressions arranged around its middle part; said depressions being of oblong form and arranged with their longest axes disposed radially of said game-board, being of greatest depth and terminating in an abrupt shoulder toward the center of the game-board, sloping gradually toward the outer part of said game-board and being each adapted to retain such ball, substantially as described.

2. A game apparatus, comprising an annular concave game-board surrounded by an abrupt vertically-disposed annular wall; a ball adapted to roll in the concave part of said game-board and to be retained therein by said annular wall; a spinning-top having shoulders adapted to drive said ball toward

different parts of the game-board; said game-board having in its face near said wall a plurality of shallow depressions adapted to retain said ball, and having at a considerable distance from said wall a plurality of larger depressions adapted to more readily retain said ball, said larger depressions sloping gradually toward said wall and having an abrupt shoulder on the side toward the center of said game-board, substantially as described.

Signed at Chicago, this 25th day of October, 1902.

ANDREAS MUELLER.

Witnesses:
WM. R. RUMMLER,
BLANCHE MICHAEL.