

S. R. COOK.
 GAME APPARATUS.
 APPLICATION FILED MAR. 8, 1912.

1,059,928.

Patented Apr. 22, 1913.

2 SHEETS—SHEET 1.

FIG. 1

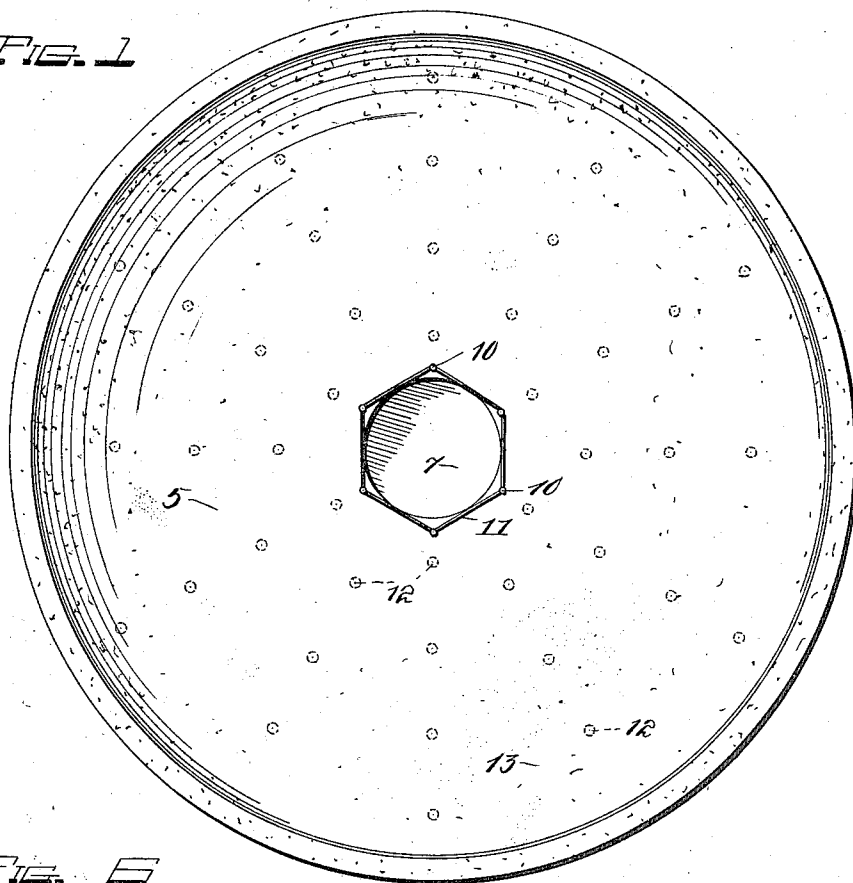
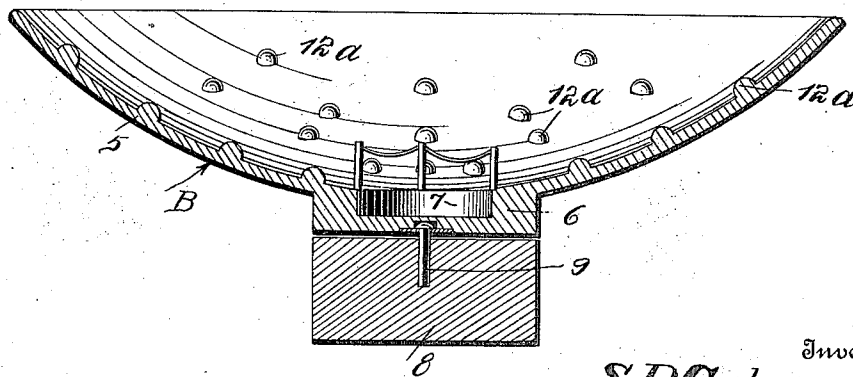


FIG. 2



Witnesses
Frank S. Ratcliffe
George J. Tate

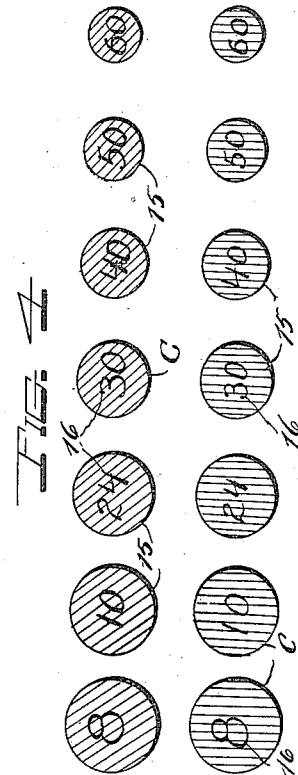
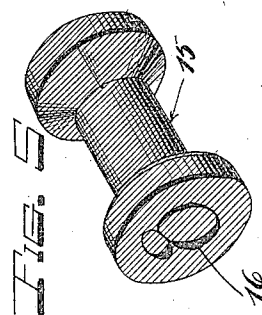
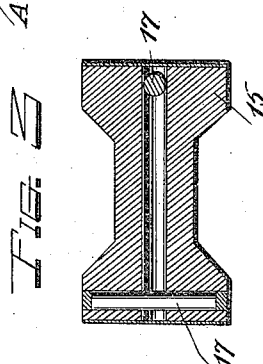
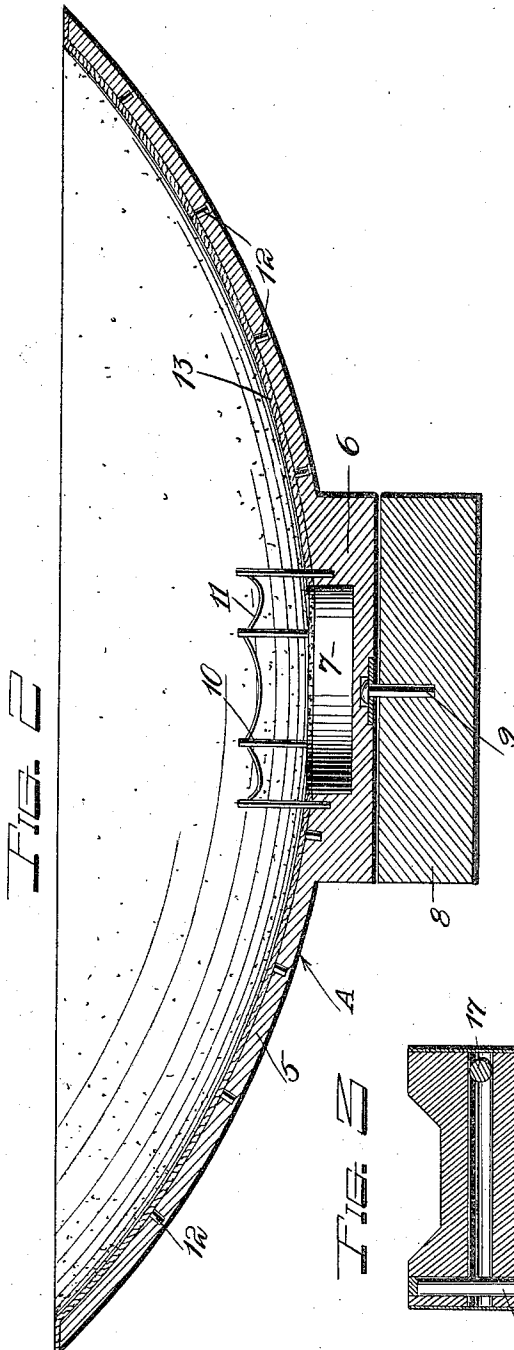
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2 SHEETS—SHEET 2.



Witnesses

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UNITED STATES PATENT OFFICE.

SAMUEL R. COOK, OF ROCKPORT, INDIANA.

GAME APPARATUS.

1,059,928.

Specification of Letters Patent.

Patented Apr. 22, 1913.

Application filed March 8, 1912. Serial No. 682,496.

To all whom it may concern:

Be it known that I, SAMUEL R. COOK, a citizen of the United States, residing at Rockport, in the county of Spencer, State of Indiana, have invented certain new and useful Improvements in Game Apparatus; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to an improvement in game apparatus.

The principal object of this invention is to provide a game apparatus in which the element of chance is involved, thus insuring considerable excitement to the players, whether they be young or old, during the progress of the game.

Another object of the invention is to provide a game board having an inclined surface, and a plurality of game pieces which are adapted to successively move down said inclined surface and into a recess at the bottom thereof, the game piece during its downward passage being adapted to be deflected from a straight path by a novel means.

A further object of the invention is to provide a game board of a bowl shaped type and in the bottom of which is located a recess, a plurality of posts surrounding the recess and connected by a cord whereby some of the game pieces will be stopped from passing into the recess.

A still further object of the invention is to embed a plurality of permanent magnets in the bowl in such a manner as to attract armatures carried by certain of the game pieces, whereby said pieces may be deflected from their straight downward path.

A still further object of the invention is to provide a game apparatus for the purpose described which is composed of a minimum number of parts, is therefore simple in construction, and is cheap to manufacture.

With these and other objects in view, the invention consists in the construction and novel combination of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended; it being understood that various changes in the form, proportion, size and minor details of construction within the scope of the claims, may be resorted

to without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings: Figure 1 is a top plan view of the preferred form of my invention, Fig. 2 is a vertical sectional view there-through, Fig. 3 is a longitudinal sectional view through one of the game pieces, Fig. 4 is a view showing in plan a plurality of sets of game pieces, Fig. 5 is a perspective view of one of the game pieces, and Fig. 6 is a sectional view through a game board showing the modified form of my invention.

Like reference numerals designate corresponding parts in all the figures of the drawings.

Referring to the drawings, my invention comprises a game board A of wood or the like, which is preferably bowl-shaped in form including a gradually inclined wall 5 and a bottom 6, said bottom being centrally formed on its inner face with a recess 7. This board is rotatably mounted upon a base 8 by means of a pivot pin 9. Projecting upwardly from the bottom 6 around the recess is a plurality of spaced pins 10 which are connected by a flexible connection 11, such as a rubber cord or the like.

In the preferred form of the invention as clearly shown in Figs. 1 and 2 of the drawings, the wall 5 of the game board is provided with a plurality of transversely disposed permanent magnets 12 which are disposed in staggered relation and preferably have their poles alternately reversed. Secured upon the inner face of the wall 5 and extending over the bottom 6 around the recess 7 thereof, is a covering 13 of cloth or other suitable material.

In the modified form of my invention, the game board is designated as a whole by the reference letter B, and this board is likewise of bowl-shaped construction. This board is identical in construction with the preferred form, with the exception that instead of employing the permanent magnets 12 I substitute a plurality of humps 12^a, said humps having a function similar to the magnets as will hereinafter appear.

In order to play the game with either form of game board, there is provided a plurality of sets of game pieces, each set being designated as a whole by the reference letter C and each game piece by the numeral 15. The game pieces in this instance are preferably of spool formation, and the game pieces

of each set are of different sizes, and are respectively formed with suitable designations 16, such as for instance, "8", "10", "24", "30", "40", "50" and "60" respectively, there preferably being seven pieces in each set. In order to clearly distinguish the game pieces of each set from the other sets employed, each set of game pieces is colored differently.

10 The spools 15 of the sets which are to be used with the preferred form of game board A are each provided at each end with a transversely disposed bar or armature 17 of steel or other suitable metal having magnetic properties, said armatures being preferably embedded in the ends of the spool and respectively disposed at right angles one to the other.

In practice, two or as many more players 20 as desired may unite to play the game. In playing with the preferred form of the invention, each player conceals his particular set of spools in any suitable manner, and at the proper time each player simultaneously 25 releases any spool he may elect from the top of the inclined wall. As these spools travel downwardly along the wall by gravity, those spools which are provided with armatures are attracted by the magnets, and are consequently deflected from a straight downward path. Inasmuch as the armatures are embedded and are consequently hidden, none of the players knows which spool is about to be deflected. If the 35 spool be a large one, its momentum might be sufficient to cause it to pass over the magnets without being affected thereby. As the spools reach the bottom of the board or bowl, they may strike either the posts 10 or the flexible cord 11, and as a result, may be prevented from passing into the recess 7. The players add the numbers upon the respective spools which have successfully entered the recess 7, and the player 45 accumulating the greatest amount wins the game.

In order to create more excitement in the game, the spools which enter the recess 7 are to be stacked one upon the other in monumental form, the last spool entering the recess to be placed at the bottom of the stack. By this rule, the spool next entering the recess will strike the stack and cause the same to fall; certain of the spools of said stack 55 falling outside of the recess. These last mentioned spools are then returned to the respective players who may roll the same again. Any spool failing to reach the recess must be left in the field or upon the 60 bottom of the board, so that it remains in the way of other spools until some subsequent spool strikes the same and pushes it into the recess, in which case the player is given credit for the designation of said 65 spool. If the entrance to the recess is

blocked, the player who has the largest spool is given the preference to roll his spool.

It will be observed that when the modified form of the invention is employed, the spools will strike the humps 12^a of the board, and will thereby be deflected from their straight downward path. 70

What is claimed is:

1. In a game apparatus, the combination with a game board having an inclined surface and having a recess formed at the lower end thereof, of a plurality of sets of game pieces adapted to move by gravity downwardly along the board and into the recess, the pieces of each set being respectively 80 formed with different designations of value, and means secured to the board for deflecting the pieces from a straight downward path along said board.

2. In a game apparatus, the combination 85 with a game board having an inclined surface and having a recess formed at the lower end thereof, of a plurality of sets of game pieces adapted to move by gravity downwardly along the board and into the recess, the pieces of each set being respectively 90 formed with different designations of value, a series of spaced posts projecting upwardly from the lower end of the board around the recess, a flexible connection connected to the upper end of said posts, and means secured to the board for deflecting the pieces 95 from a straight downward path along said board.

3. In a game apparatus, the combination 100 with a game board having an inclined surface and having a recess formed at the lower end thereof, of a plurality of permanent magnets embedded in said board and disposed in staggered relation, a plurality of 105 sets of game pieces adapted to move by gravity downwardly along the board, certain of said pieces being provided with armatures adapted to be attracted by the magnets, and thereby be deflected from a 110 straight downward path along said board.

4. In a game apparatus, the combination with a game board having an inclined surface and having a recess formed at the lower end thereof, of a plurality of permanent 115 magnets embedded in said board and disposed in staggered relation, a plurality of sets of game pieces adapted to move by gravity downwardly along the board, each set comprising a plurality of spools, and an 120 armature embedded in one end of each spool of a certain number of spools of each set and adapted to be attracted by certain of the magnets to deflect the respective spools from a straight downward path along the 125 board.

5. In a game apparatus, the combination with a game board having an inclined surface and having a recess formed at the lower end thereof, of a plurality of permanent 130

magnets embedded in said board and disposed in staggered relation, a plurality of sets of game pieces adapted to move by gravity downwardly along the board, each
 5 set comprising a plurality of spools, and armatures respectively embedded in each end of each spool of a certain number of spools of each set, said armatures being disposed at right angles one to the other,
 10 whereby the respective spools may be attracted by the armature and thereby deflected from a straight downward path along the board.

6. In a game apparatus, the combination
 15 with a bowl-shaped game board including a side and a bottom, the latter being centrally formed in its upper face with a recess, of a plurality of sets of game pieces adapted to move by gravity downwardly
 20 along the side of said board and into the recess, each set comprising a plurality of different sized spools, the spools of each set being respectively provided with different designations of value, and means secured to
 25 the side of the board for deflecting the pieces from a straight downward path along said board.

7. In a game apparatus, the combination

with a bowl-shaped game board including a side and a bottom, the latter being centrally formed in its upper face with a recess, of a plurality of spaced posts projecting upwardly from the bottom around said
 30 recess, a flexible connection connecting the upper ends of the posts, a plurality of permanent magnets embedded in the side of the
 35 board and disposed in staggered relation, a plurality of sets of game pieces, each set being formed of a plurality of different sized spools, certain spools of each set being
 40 provided at its ends with embedded armatures, the armatures of each spool being disposed at right angles one to the other, whereby the magnets will attract said armatures and thereby cause the spool to be de-
 45 flected from a straight downward path along the board, and different designations of value respectively formed on the spools of each set.

In testimony whereof, I affix my signature, in presence of two witnesses.

SAMUEL R. COOK.

Witnesses:

J. H. W. WILLIAMS,
 A. E. BLITCH.