

W. G. DOERR.
GAME.

APPLICATION FILED DEC. 12, 1911.

1,037,877.

Patented Sept. 10, 1912.

2 SHEETS—SHEET 1.

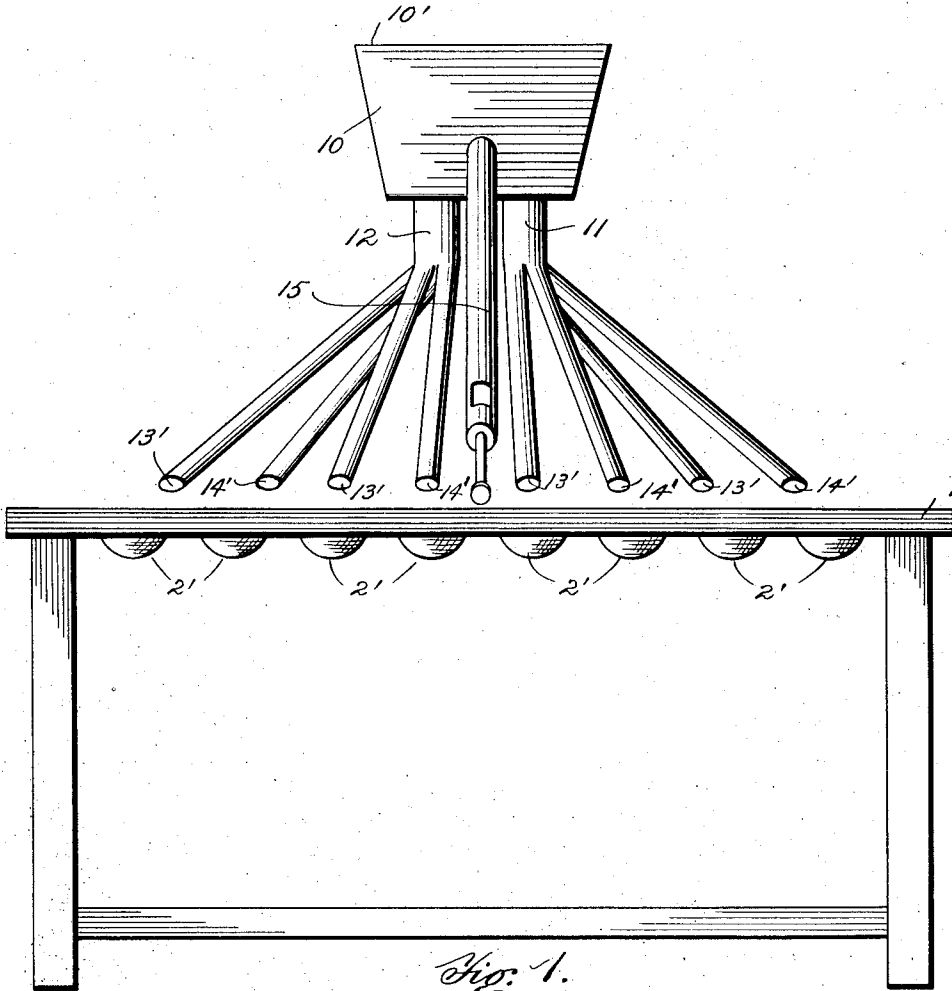


Fig. 1.

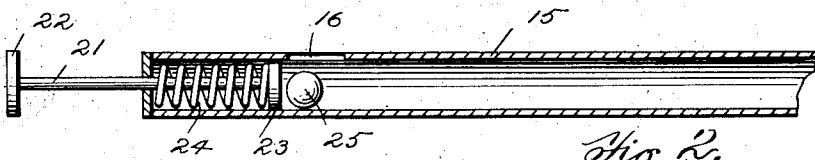
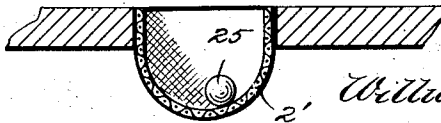


Fig. 2.

Fig. 3.



Inventor

William G. Doerr

Witnesses
M. P. McKee
L. E. Roberts

By Alex. J. Wedderburn, Jr.

Attorney

W. G. DOERR.
 GAME.
 APPLICATION FILED DEC. 12, 1911.

1,037,877.

Patented Sept. 10, 1912.

2 SHEETS—SHEET 2.

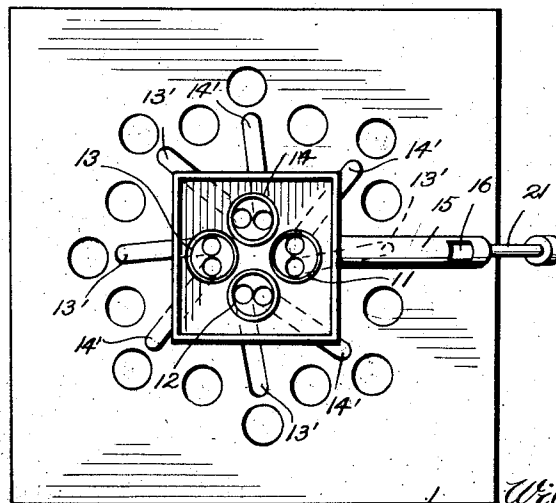
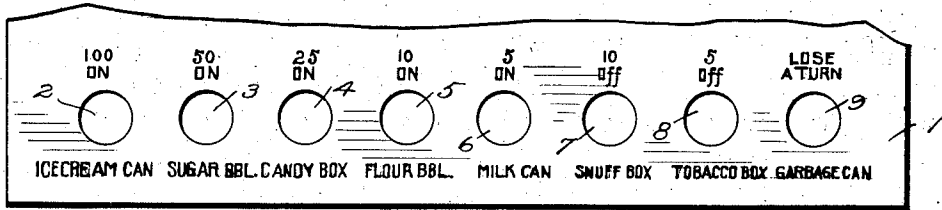
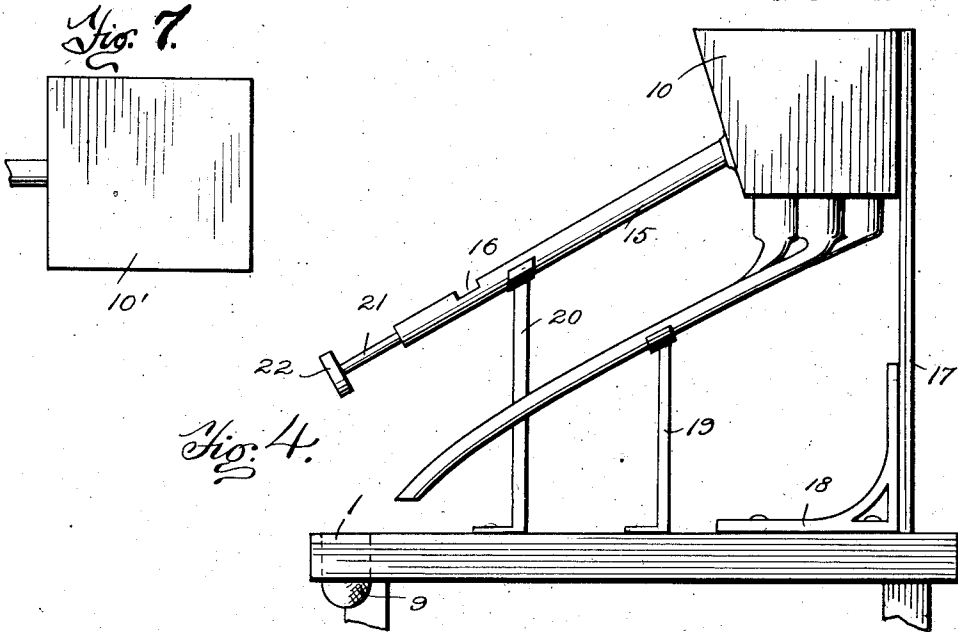


Fig. 6.

Inventor

Witnesses
M. P. McKee
L. E. Roberts

William J. Doerr
 By *Alex. J. Wedderburn, Jr.*
 Attorney

UNITED STATES PATENT OFFICE.

WILLIAM G. DOERR, OF SECANE, PENNSYLVANIA.

GAME.

1,037,877.

Specification of Letters Patent.

Patented Sept. 10, 1912.

Application filed December 12, 1911. Serial No. 665,296.

To all whom it may concern:

Be it known that I, WILLIAM G. DOERR, a citizen of the United States, residing at Secane, in the county of Delaware and State of Pennsylvania, have invented certain new and useful Improvements in Games, of which the following is a specification.

This invention relates to games and more specifically to a game of chance.

The leading feature of the game herein-after described consists in providing a modified form of pool in which the element of chance predominates, and the construction thereof embodies a plurality of ball receiving pockets mounted on a table, into which are directed through a series of tubes, the balls, which are impelled into a superposed receptacle by suitable means, the direction of movement of the ball impelled being uncertain.

With the above construction in view my invention consists in a certain combination of parts shown in the drawings, wherein,

Figure 1 is a front elevation of the game device, Fig. 2 is a fragmental sectional detail view of the ball impelling means, Fig. 3 is a detail sectional view of a ball pocket, Fig. 4 is a side elevation of the game device, Fig. 5 is a fragmental detail view of the ball receiving openings in the table, Fig. 6 is a top plan view of a modified form of the device, and Fig. 7 is a top plan view of the ball projecting casing.

Upon the top of a table of any suitable construction, are formed in alinement longitudinally and near one edge, a plurality of ball receiving openings designated 2, 3, 4, 5, 6, 7, 8, and 9 respectively, eight being shown in number but said openings may be decreased or increased without departing in principle from the construction disclosed. As shown clearly in Fig. 5, there are inscribed upon the table opposite each opening various degrees of advancement and failure incident to games of a similar nature, and which may be differently signified according to the desire of the manufacturer. Preferably there will be inscribed at diametrically opposite points of each opening a mark indicating a definite part of the ultimate score, the increasing or decreasing value of each enabling the player to ascertain whether his mark is in the ascending or descending scale. It will be noticed that at one side of the openings 2, 3, 4, 5, 6, 7, 8

and 9 there are marked or inscribed the words, "Ice cream can", "Sugar barrel"; "Candy box", "Flour barrel"; "Milk can", "Snuff box"; "Tobacco box", and "Garbage can", and there are marked successively at points 2, 3, 4, 5, and 6 the word "On", to which are given respectively the indicated values of 160, 50; 25, 10, and 5. Opposite the openings 7 and 8 are marked the word "Off", and to each is assigned an indicated value of 10, and 5 respectively, while opposite the opening 9 is marked the words "Lose a turn".

Depending from the top 1 of the table are a plurality of pockets 2', one for each of the aforementioned openings, receiving the balls passed from said openings. Upon the upright 17 secured by a bracket 18 upon the top 1 is a receptacle 10 having a top 10' to prevent the balls from being thrown thereover upon the table. Connected to the bottom of the casing 10 are a plurality of tubular members upon which are mounted depending angular tubular extensions for directing the balls into each of the pockets 2'. The number of said tubular members will depend upon the number of pockets to be found in the construction and four are designated 11, 12, 13 and 14 respectively depending below said casing and each is preferably formed with two branch pipes 13' and 14' respectively. The tubular members are so disposed that the branch pipes may be conveniently curved or inclined rearwardly of the table so that their nozzles or mouths will be spaced slightly above the top 1 and terminate short of the series of openings in said top, the direction of slant of the branch pipes 13' and 14' carried by said tubular members 11, 12, 13, and 14 being such that but one of said branch pipes will conduct the ball into the given pocket. It will be noticed too that it is possible for the ball guided in any of the branch pipes to find its way into the pocket for which said pipe is intended, the measure of force for impelling the balls being just sufficient to guide the ball into the pocket.

For bracing the branch pipes any suitable means may be employed such as the uprights 19. The tubular member 15 is connected to the casing 10 at its forward end and preferably centrally thereof and is disposed at a slant and supported upon the upright 20 mounted upon the top 1 so as to be within easy reach of a player. Said guide 15 is

formed short of its free end with a ball receiving opening 16 and a plunger rod 21 works in said guide having a push button 22 at one end and a piston 23 at the other end, and coiled around said plunger 21 is a spring 24 held in the guide 15 and put under tension by the piston 23 when the push button 22 is urged outwardly of said guide.

In Fig. 6 a modification of the game structure is shown chiefly in respect to the openings upon the plank 1 of the table. As shown, the tubular members 11 and 12, 13 and 14 respectively are so connected to the casing 10 that they accommodate the branch pipes 13' and 14' in their radial positions and the ball receiving pockets 27 are arranged substantially concentric to said casing. The inscriptions opposite the openings will be in accordance with the principles hereinbefore outlined with no material departure. This construction enables the game to be mounted substantially at the center of the table and by causing the ball conducting branch pipes to occupy radial positions it is possible for the players to remain seated as the game is in progress.

The game will be played as follows: A suitable number of players will play in turn unless one of the players loses his right for a given turn in the event that his ball will be thrust into the opening designated "Lose a turn." The score for the game will preferably be one thousand and the marks run in ascending series from 5 to 100 inclusive from the opening 6 to the opening 2 but the marks of deduction are designated retrogressively 10 to 5 inclusive on the openings 7 and 8. An account of the marks of advancement and deduction, will, of course, be kept for the players. A player will take a ball, place the same over the opening 16 in the guide 15 and will urge the push button 22 with sufficient force to cause the piston 23 to impel the ball 25 through the guide 15 into the casing 10. Before the impetus of the ball will have been spent the same will have been forced into any of the tubular members 11, 12, 13 or 14 and directed through it within the branch pipes of the given tubular member into one of the pockets 27 and the mark noted for the player. Each player will similarly manipulate the push button 22 for his turn and the element of chance will in a large measure predominate, however, some skill will be required in determining the force of impulsion of the ball in order that marks of advancement may be scored by the player.

Numerous modifications may be resorted to in practice without departing in essence from the details of construction shown.

I claim and desire to secure by Letters Patent:

1. A device of the character described, comprising a standard having a flat top, a

plurality of alining openings disposed near one edge of said top, a depending pocket for each opening, a plurality of ball discharging tubes discharging into said openings, means for holding said tubes at a slant, a ball impelling tube, a deflecting casing connected to said ball impelling and ball directing tubes, and means carried by said ball impelling tube for directing the ball into said casing.

2. A device of the character described comprising a standard having a flat top, a plurality of ball receiving members mounted on said standard, a plurality of angularly disposed ball directing tubes, a casing elevated above said standard and having openings in number less than the number of tubes and communicating with the latter, and means mounted on said standard for impelling a ball into said casing.

3. A game device comprising a table having a flat top, said top formed near one edge with a plurality of ball receiving openings, pockets for said openings, a casing elevated above said top, a ball impelling tube connected to said casing, a piston in said tube, a spring coiled around the piston rod in said tube, a push button on said piston rod arranged to compress said spring, said tube formed with a ball receiving opening, and said casing formed with discharge openings, and means carried by said casing for directing the balls through said openings into one of a series of ball discharging tubes and into a pocket.

4. A device of the character described comprising a standard having a flat top, a plurality of ball receiving pockets mounted on said top, a casing elevated upon said top, a plurality of depending tubes connected to said casing and having each a plurality of discharge pipes disposed at an angle over said pockets, and means for impelling a ball into said casing.

5. A game device comprising a table, a plurality of ball receiving pockets disposed in alinement upon said table, a plurality of ball directing tubes having their outlet ends spaced above said openings, and arranged to empty thereinto, means for holding said tubes at an angle over the table, a plurality of inlet tubes connected to said first named tubes and being of a lesser number, means for impelling a ball into said last named tubes, and an angularly disposed plunger for actuating said means.

6. A device of the character described comprising a table, a plurality of alining openings formed near one edge of said table, ball receiving pockets for said openings, a casing, means for elevating said casing over the table, a tube connected to said casing and sloping toward said openings, being formed with a ball receiving opening, a piston in said tube, a headed rod connected to

said piston, a spring coiled around said rod in said tube, a plurality of tubular members depending from said casing, each depending member formed with tubular offsets having their outlet ends arranged to discharge into said openings, and means for sloping said offsets toward said openings.

7. A game board comprising a table, a casing elevated upon said table, a plurality of tubular members depending from said casing, each member formed with a plurality of angularly disposed branch pipes, a plurality of ball receiving pockets upon said table into which said branch pipes discharge, and means for impelling a ball into said casing connected thereto at a point above said tubular members.

8. A device of the character described comprising a standard, a top upon said standard formed with a plurality of openings therein, a casing mounted above said top, a plurality of depending tubular members connected at the bottom of said casing, an angularly supported tube connected to said casing above said tubular members and sloping toward said openings, a plurality of pockets for said openings, said angularly disposed tube formed with a ball receiving opening, means carried forwardly of said last-named tube for impelling a ball in said tube into said casing, each of said tubular members formed with two angularly dis-

posed branch tubes, each series of branch tubes disposed in direction so as to discharge into two of said openings and all of said branch tubes discharging into said openings, and means for supporting said branch tubes.

9. A device of the character described consisting of a table having a plurality of pockets therein, a receptacle located above said table, means connected to said receptacle for directing a ball from said receptacle toward said pockets, said means consisting of tubular members connected to said receptacle, and a plurality of tubular members opening into said first tubular members.

10. A device of the character described consisting of a table having a plurality of pockets therein, a receptacle located above said table, means connected to said receptacle for directing a ball from said receptacle toward said pockets, said means consisting of tubular members connected to said receptacle, a plurality of tubular members opening into said first tubular members, and means for projecting a ball into said receptacle.

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

WILLIAM G. DOERR.

Witnesses:

R. B. CLEVINGER,
WALTER DUNN.