No. 697,652. Patented Apr. 15, 1902.

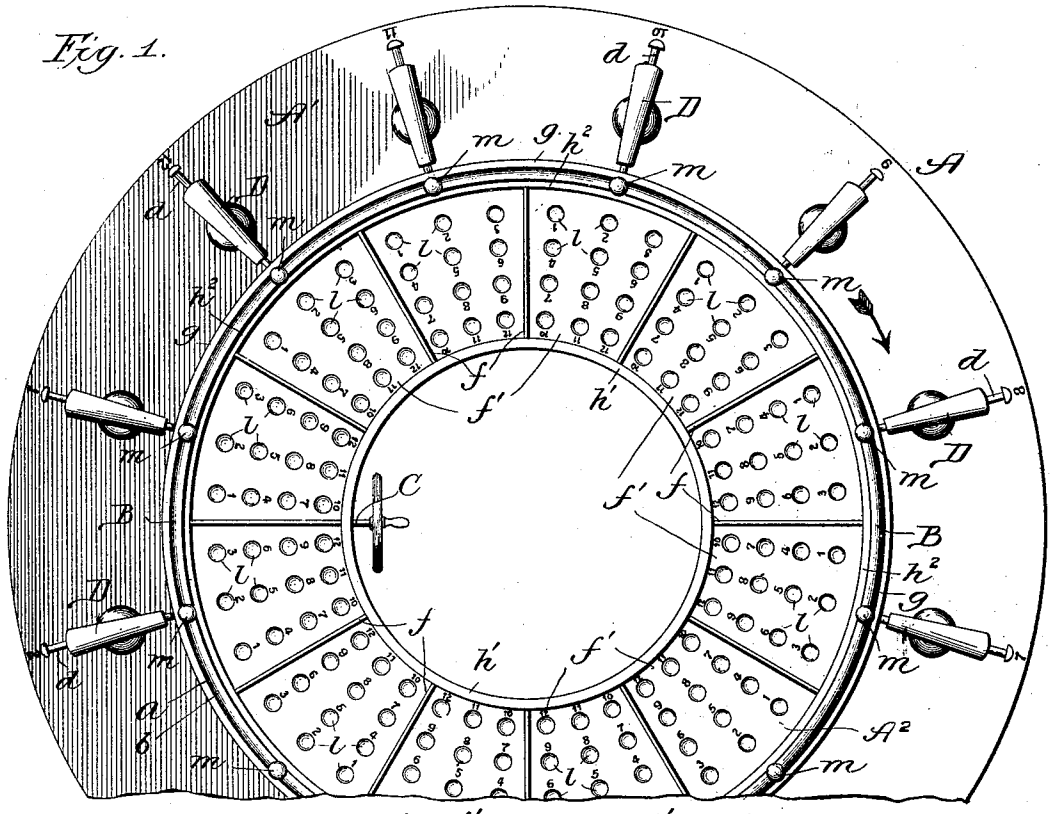
C. NIELSEN, SR. & C. NIELSEN, JR.

GAME.

(Application filed Oct. 28, 1901.)

(No Model.)

Fig. 1.



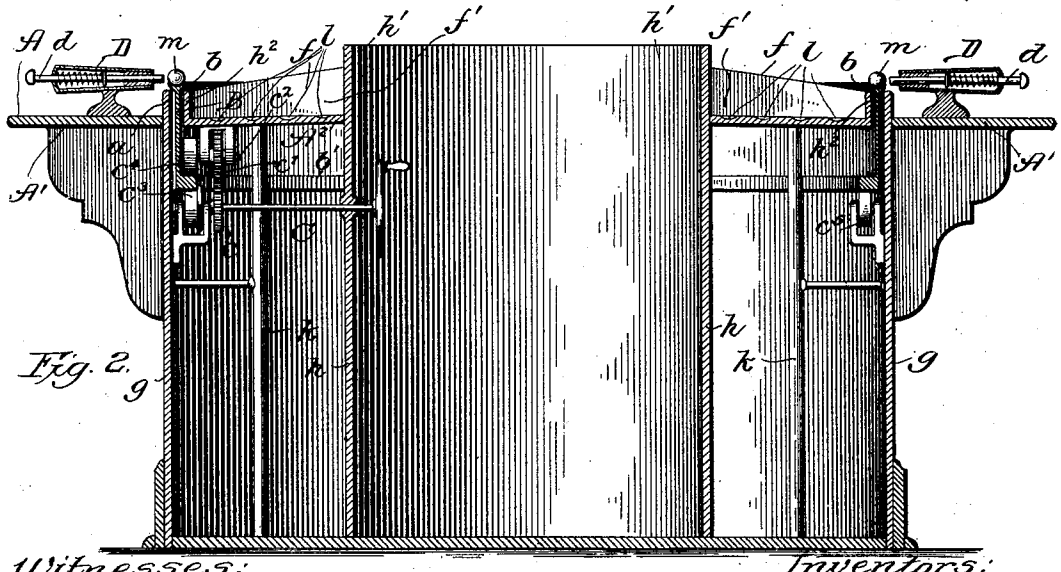


Fig. 2.

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UNITED STATES PATENT OFFICE.

CHRISTIAN NIELSEN, SR., AND CHRISTIAN NIELSEN, JR., OF CHICAGO, ILLINOIS.

GAME.

SPECIFICATION forming part of Letters Patent No. 697,652, dated April 15, 1902.

Application filed October 28, 1901. Serial No. 80,292. (No model.)

To all whom it may concern:

Be it known that we, CHRISTIAN NIELSEN, Sr., and CHRISTIAN NIELSEN, Jr., citizens of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Games, of which the following is a specification.

Our invention relates particularly to games adapted for parlor use or to use in places of public amusement; and our primary object is to provide a machine of simple construction and well adapted for use in games involving the exercise of considerable skill and affording keen amusement.

Our invention is illustrated in its preferred form in the accompanying drawings, in which—

Figure 1 represents a broken plan view of the machine, and Fig. 2 a central vertical section of the same.

A represents a stationary platform or table, divided by an annular channel *a* into annular sections A′ A^2; B, an annular rotary ball-carrier provided at its upper portion with a concave rim *b* for receiving the balls and at its lower portion with an inturned flange *b′*, through which motion is imparted to it; C, a crank-shaft provided with a wheel *c*, engaging a wheel *c′* on the shaft c^2, the two shafts mentioned serving to communicate motion to the friction-wheels c^3 c^4, located on opposite sides of the flange *b′*, other suitably-journaled wheels c^5 being provided, as required, to support the part B, and D a series of impelling devices regularly spaced on the annular platform A′ and having radially-extending spring-retracted plungers *d*. The annular platform A^2 is provided with a series of radial division-walls *f*, which divide said platform into a series of radially-arranged spaces or chambers *f′*.

The outer platform A′ is supported by a cylindrical standard *g*. The inner annular platform is supported mainly by a cylindrical standard *h*, a portion of which projects above the platform to afford an inner annular flange *h′*, said platform being provided also with an outer annular flange h^2, forming the outer walls of the chambers *f′*. Additional standards *k* for the platform A^2 are shown. The annular platform A^2 has a slight outward and downward slope, as shown, and in the present construction we provide the bottom or floor of each chamber *f′* with a series of ball-receiving depressions *l*, each depression being numbered to indicate the count appertaining to the play which results in putting a ball into the depression.

One kind of game is as follows: Balls *m* are placed upon the rim *b* of the ball-carrier B at equal distances apart, one ball corresponding to each space *f′*. Players arrange themselves about the platform A′, one at each shooting device D. The ball-carrier B is set in motion by an attendant standing in the cylinder *h*. As the balls are carried past the spaces each player at a word of command actuates the plunger *d* of the impelling device at hand with a view to putting the ball into the depression bearing the highest number. The plungers may be actuated by hand or by means of small mallets. The inner depressions or receptacles for each space *f′* may be placed so close to the annular flange *h′* as to make it quite difficult to cause the ball to enter either of the inner set of depressions, owing to the rebound of the ball. The count value pertaining to each depression should be inversely proportional to the ease with which a shot may be effected. One manner of numbering the depressions is illustrated in Fig. 1, the direction of rotation of the ball-carrier being assumed to be as indicated by the arrow in said figure. Various games may be played with the improved machine and various forms of target supplied.

It is obvious, for instance, that a tenpin may constitute the target instead of a certain depression, and, furthermore, that a cue may be held and employed by the player, dispensing with the impelling device of the machine.

Various changes in details of construction within the spirit of our invention may be made. Hence no undue limitation is to be understood from the foregoing detailed description.

What we claim as new, and desire to secure by Letters Patent, is—

1. In apparatus of the character described, the combination of a target, a ball-impelling device, and an open-topped interposed ball-

carrier serving to support and expose a ball, said ball-carrier having motion relatively to the other two parts and said ball-impelling device being arranged perpendicularly to the path of the balls.

2. In apparatus of the character described, the combination of a target having a circular outer edge, and a rotary ball-carrier adjacent to said outer edge.

3. In apparatus of the character described, the combination of a target divided into radially-arranged chambers and having a circular outer edge, and a rotary ball-carrier adapted to support balls adjacent to the outer edge of said target.

4. In apparatus of the character described, the combination of an annular target, an annular ball-carrier, and means for supporting and rotating said carrier, substantially as described.

5. In apparatus of the character described, the combination of a platform having a circular slot, a rotary ball-carrier projecting through said slot, and actuating means for said carrier.

6. In apparatus of the character described, the combination of a platform having a circular slot, an annular ball-carrier projecting through said slot, and an impelling device located outside said slot, substantially as described.

7. In apparatus of the character described, the combination of an annular platform having an inner annular flange and divided into radially-arranged chambers, and a rotary ball-carrier encircling said platform, substantially as described.

8. In apparatus of the character described, the combination of an annular platform having an inner annular flange and divided into radially-arranged chambers, a rotary ball-carrier encircling said platform, and a series of suitably-supported, plunger-equipped impelling devices arranged outside said carrier, substantially as described.

CHRISTIAN NIELSEN, SR.
CHRISTIAN NIELSEN, JR.

In presence of—
ALBERT D. BACCI,
WM. B. DAVIES.