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REGISTER FOR PIN POOL.

APPLICATION FILED NOV. 29, 1907.

910,769. Patented Jan. 26, 1909.

Fig. 1.

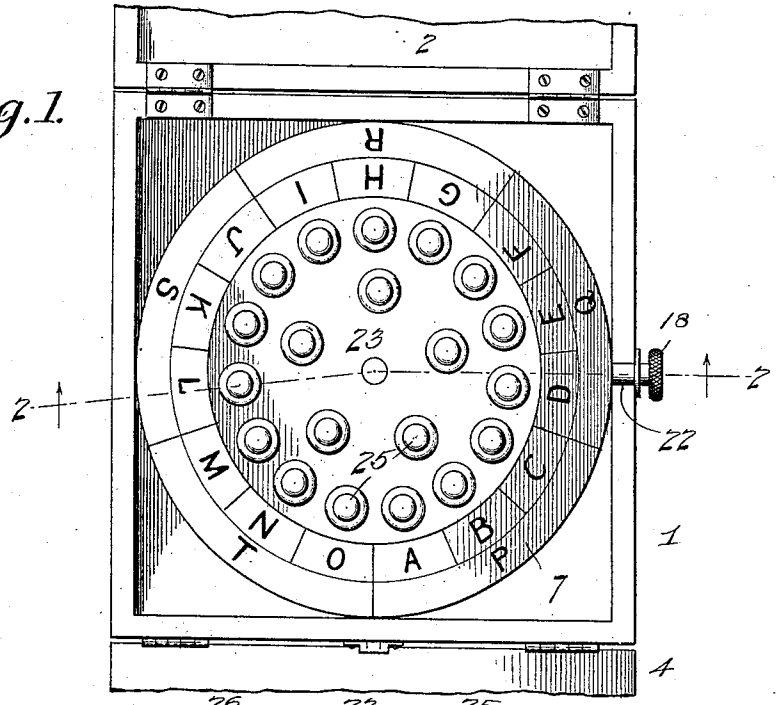


Fig. 2.

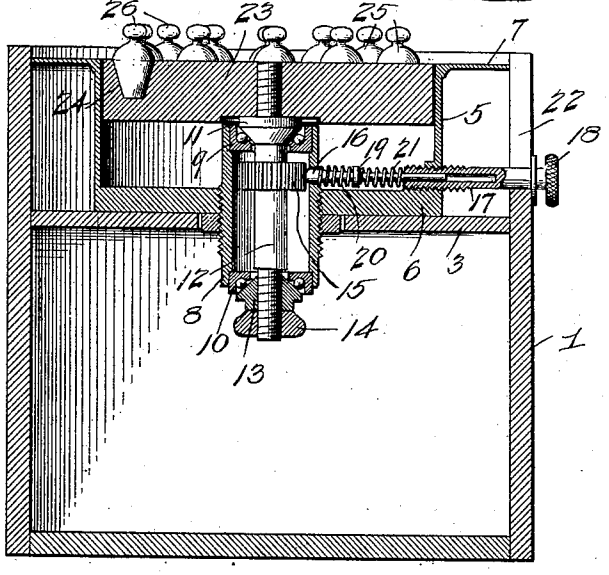
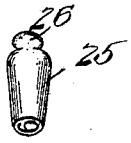


Fig. 3.



Witnesses

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REGISTER FOR PIN-POOL.

No. 910,769. Specification of Letters Patent. Patented Jan. 26, 1909.

Application filed November 29, 1907. Serial No. 404,420.

To all whom it may concern:

Be it known that I, NEVIN A. ARCHIBALD, a citizen of the United States, residing at Concord, in the county of Cabarrus and State of North Carolina, have invented new and useful Improvements in Registers for Pin-Pool, of which the following is a specification.

This invention relates to a register for so-called "pin pool." Heretofore in playing this game it has been customary for the person running or having charge of the table, to place a number of marbles, each bearing a different number, in a leather bottle, and after shaking the same violently, to remove therefrom as many of the marbles as there are players and pass one of each of these to a player who observes the number and then places it in his pocket. The objection to this procedure is that it is open to fraud, inasmuch as if the attendant is inclined to be dishonest or to be in "cahoots" with one or more of the players he will be enabled, by observing the marbles before distributing, and by manipulating the distribution, to give to the unsuspecting players the known numbers, and he can impart this knowledge to his colleagues and they can then readily and easily beat the other players.

It is the object of the present invention, in a ready, simple and thoroughly practical manner, to obviate the above objectionable features, and to render it practically impossible for the same player to receive the same number twice in succession, whereby cheating will be entirely obviated or rendered so difficult as not to be attempted.

With the above and other objects in view, as will appear as the nature of the invention is better understood, the same consists, generally stated, in an apparatus embodying in its construction a revoluble table having a plurality of sockets, pins bearing numbers, and adapted to be seated within the sockets, and a stationary index surrounding the table and bearing symbols corresponding in number to the pins. In conjunction with the table there is provided a novel form of detent, which will operate gradually to check the rotation of the table, and afterward positively lock it against rotation, so that after the various players have received their pins, noted their numbers and returned them to their respective sockets, no turning of the table can be effected, nor any shifting of the pins without detection.

The invention consists further in the various novel details of construction and combination of parts of a register for "pin pool", as will be hereinafter fully described and claimed.

In the accompanying drawings, forming a part of this specification, and in which like characters of reference indicate corresponding parts—Figure 1 is a view in top plan of the apparatus, portions being broken away, for the purpose of clearness of illustration; Fig. 2 is a view in vertical transverse section taken on the line 2–2 of Fig. 1, and looking in the direction of the arrow thereof. Fig. 3 is a perspective view of one of the pins used in connection with the register.

The apparatus comprises in part a box or casing 1 provided with a hinged cover 2, which may have a suitable lock combined with it if desired. Intermediate of the height of the casing is a septum or partition 3, which is provided for the purpose of supporting the operating mechanisms hereinafter described. The front of the casing is provided with an opening that is closed by a door 4, the object of this opening being to permit access to the casing below the septum for the purpose of manipulating the mechanism that actuates the table. Disposed upon the septum is the index, comprising a hollow cylindrical body 5, a base 6, and an outstanding flange 7. That shown in Fig. 1 is of a size to fit snugly within the casing in order to be supported with sufficient rigidity to prevent wabbling or rocking under the operation of the device.

The center of the base is provided with a threaded orifice which is engaged by a thimble 8, the upper and lower end portions of which are counter-bored to receive ball bearing races 9 and 10 respectively. Engaging the balls in the race 9 is a cone-bearing 11 that is carried by a shaft 12, the lower end of which projects beyond the like portion of the thimble and carries a cone-bearing 13 that engages the balls in the race 10. The bearing 11 is rigid with the shaft, but the bearing 13 is adjustably connected to the shaft, to effect

which, the lower end of the latter is reduced and threaded to receive the bearing. In order to hold the bearing 13 at the desired adjustment relatively to the balls in the race 10, a lock nut 14 is provided, as clearly shown in Fig. 2.

Intermediate of the ends of the shaft 12 is a ratchet wheel 15 that is designed to be engaged by the inner end of a spring-pressed detent 16, the outer end of which engages with a hollow shank 17 of an adjusting screw 18 that is threaded into an orifice in the side wall of the index. As shown in Fig. 2, the detent is provided intermediate its ends with a stop 19, and on the detent and bearing against the stop are two springs 20 and 21, the former of which bears against the outer wall of the thimble, and the latter against the inner wall of the adjusting screw 17. By this arrangement it will be seen that when the thumb screw is turned to relax the springs the detent will be free to yield to the teeth of the ratchet wheel and thus allow the shaft to rotate, but at the same time the detent will act as a brake that will tend gradually to cause the shaft to cease its rotations. By turning the thumb screw inward so that the two springs 20 and 21 will be compressed and the inner end of the detent will be projected between two of the ratchet teeth, the shaft will be positively locked against rotation. The shank of the thumb screw is disposed within the vertical slot 22 in one of the side walls of the casing, thus to permit the operative mechanism to be removed at will.

The upper end of the shaft 12 is threaded and this threaded portion is engaged by a table 23, which is of a size to fit snugly within the opening of the index, and is provided in its upper face with a plurality of inverted truncated cone-shaped sockets 24 that are adapted to be engaged by similarly shaped pins 25, each of which bears a distinctive and different number or symbol and is provided with a knob 26 by which it may be lifted from the socket.

As shown in Fig. 1 there are two series of concentrically-disposed pins carried by the table, the outer one of which contains in this instance fifteen pins, and the inner one five, and this number of pins, twenty in all, will be found to accommodate any number of players that will ever occupy a table at one time. It will be obvious, of course, that if a greater number be desired, this may readily be secured merely by increasing the size of the index and table.

As shown in Fig. 3, opposite each of the outer circle of pins is a letter of the alphabet, and these range from "A" to "C", and opposite each of the inner circle of pins, of which there are five in number, are letters ranging from "P" to "T". As will be seen by reference to Fig. 3, the number on the pin is preferably on its lower end and this will permit inspection by the holder without danger of being seen by any one standing close by, so that chances of cheating by an unscrupulous person, or a by-stander in imparting the number to a confederate in the game will be prevented.

In the use of the apparatus, the set-screw 17 will be loosened to withdraw the detent out of engagement with the ratchet wheel, and the attendant will insert his arm within the opening of the door 4, grasp the nut 14 and spin the table. This latter may be permitted to stop of its own accord, or the thumb screw may be actuated to bring the detent in engagement with the ratchet wheel, and thus lock the table against rotation in the manner above described. Previous to starting the game each player will select a letter on the index and when the time comes to select a pin, each of the players will take that immediately opposite his letter, and after observing the number, return it to its socket, after which the attendant will close the lid 2 and thus prevent any unauthorized person from tampering with the table. At the conclusion of the game the thumb screw is again released in the manner described and the table spun, and the players again select the pins opposite their respective letters.

It will be seen from the foregoing description that although the improvements herein defined are simple in character, they will coöperate in the production of a thoroughly efficient and useful apparatus, and one that will eliminate the objections heretofore present in the use of the ordinary bottle and marbles.

What I claim is—

1. An apparatus of the class described comprising a rotatable table provided with a plurality of sockets, a slidably mounted detent controlling the rotation of the table, pins detachably engaging said sockets and being provided with distinctive characters which are concealed when the pins are in the sockets, and an index surrounding the table and bearing designating symbols corresponding in number to the pins.

2. An apparatus of the character described comprising a table provided with a plurality of sockets pins detachably engaging the sockets and provided with distinctive characters, which are concealed when the pins are in the sockets, means for rotating the table, a detent for gradually or suddenly checking the rotation of the table and for holding it against movement, and an index surrounding the table and bearing symbols corresponding in number to the pins.

3. An apparatus of the class described comprising an index embodying a base, a

surrounding wall, and an outstanding flange, a thimble carried by the base, a shaft projected through the thimble and supported for rotary movement relatively thereto, a ratchet wheel carried by the shaft, a spring-pressed detent arranged to be engaged with or disengaged from the ratchet wheel, a table carried by the shaft and having a plurality of sockets, and pins detachably engaging with the sockets.

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

NEVIN A. ARCHIBALD.

Witnesses:
H. I. WOODHOUSE,
C. W. SWINK.