Sept. 26, 1950 G. W. McKAY 2,523,911

ROTATABLE DISK CHANCE DEVICE

Filed May 13, 1946

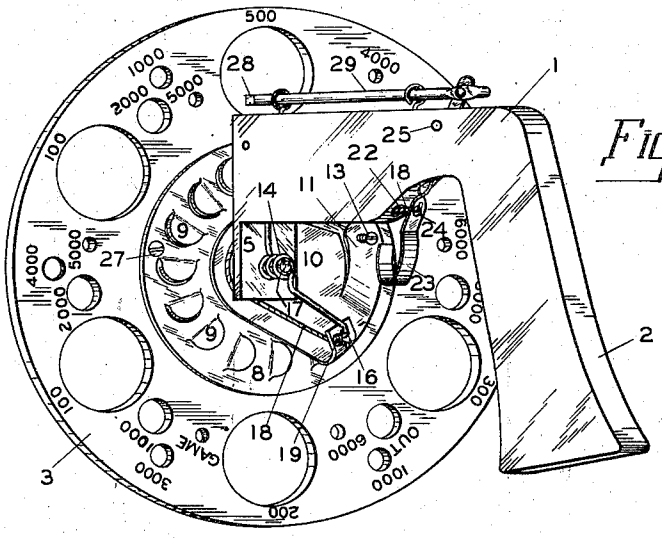


Fig. 1

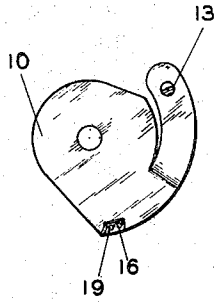


Fig. 4

Fig. 2

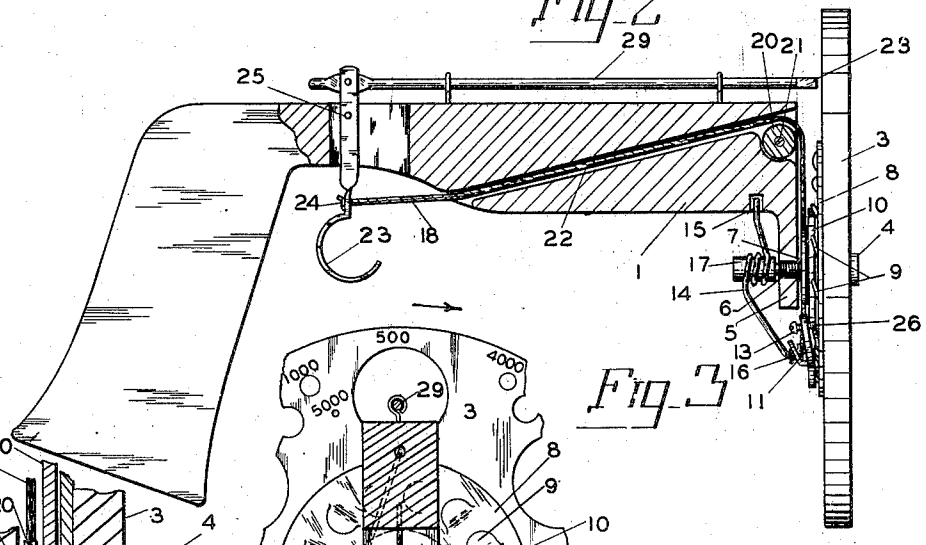


Fig. 3

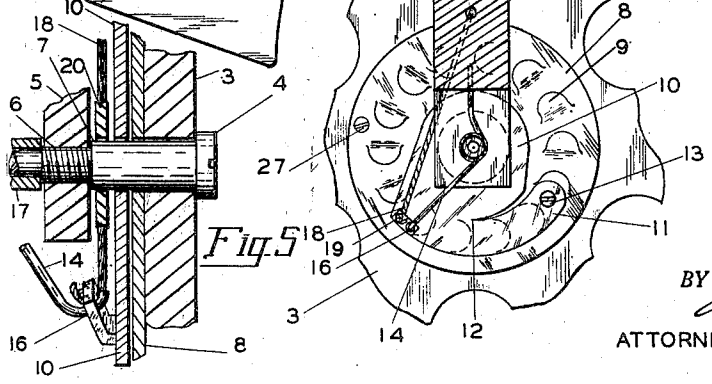


Fig. 5

INVENTOR.
GEORGE W. MC KAY
BY
ATTORNEY

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ROTATABLE DISK CHANCE DEVICE

George W. McKay, Portland, Oreg.

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2 Claims. (Cl. 273—142)

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This invention relates to games and is particularly adapted to be played by the player as if he were firing a machine gun.

The primary object of the invention is to provide a rotating wheel with numerical values printed on the face of the wheel, said wheel being mounted upon the end of a frame representing a pistol operated by a trigger for rotating the wheel, the wheel coming to a stop with a pointer indicating the numerical values of the stop.

These and other incidental objects will be apparent in the drawings, specification and claims.

Referring to the drawings:

Figure 1 is a rear view of the game particularly illustrating the frame for holding a revolving disk, said disk having numerical values printed thereon.

Figure 2 is a side view of the game, parts broken away for convenience of illustration.

Figure 3 is a fragmentary rear view of the disk illustrating the method of revolving the same.

Figure 4 is a view of the plate operated by the trigger for revolving the disk.

Figure 5 is a fragmentary detail of the method of mounting the disk to the frame of the game.

In the drawings:

My new and improved game consists of a frame 1 having a hand grip 2 at its rear end and a disk 3 rotatably mounted to the shoulder bolt 4. The shoulder bolt 4 is threaded into the downwardly extending projection 5 of the frame 1 at 6. The bolt has a shoulder 7 which cinches up against the portion 5 permitting the disk 3 to revolve freely thereon.

A second disk 8 of smaller diameter is mounted to the disk 3 and has lips 9 punched out of its surface, the object of which will be later described. A plate 10 is rotatably mounted on the bolt 4 and has a tongue 11 extending from the point 12 forming an arc of a circle. Threaded into the tongue 11 is a bolt 13 which is in alignment with the lips 9 of the disk 8, these lips being arranged in a circle concentric to the bolt 4 and evenly spaced on said circle.

A spring 14 has one of its ends anchored within the hole 15 of the body portion 1 and its opposite end anchored to the plate 10 at 16. The spring is wrapped about the extension 17 on the end of the bolt 4, the object of which is to keep the spring in alignment. The spring forces the plate 10 to the position shown in Figure 1 against the action of the flexible cable 18. One end of the cable 18 is anchored at 19 to the plate 10 and passes up over the pulley 20 journalled within

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the frame 1 at 21. The cable extends through the channel 22 and is secured to the trigger 23 at 24. The trigger 23 is pivotally mounted at 25 to the main frame 1.

I will now describe the operation of the game. When the trigger 23 is pulled it pulls the cable 18 over the pulley 20, moving the plate 10 to the position shown in Figures 2 and 3. When this happens the inner end 26 of the bolt 13 engages the lips 9 of the disk 8 and rotates the disk in the direction of the arrow, also the disk 3, which is secured to the disk 8 by any suitable means, as a screw 27. The pull on the trigger being sudden speeds up the rotation of the disk 3 and when the full travel of the trigger has been made the disk 3 will continue to free-wheel or rotate the lips 9 ratcheting over the end 26 of the bolt 13.

The tongue 11 is made from a springy material so that the ratcheting of the end 26 of the bolt over the lips 9 may take place. The disk 8 may be eliminated as the lips 9 may be formed on the disk 3, or inclined notches could be formed in said disk for the ratchet screw 13 to engage. When the trigger 23 is pulled the end 28 of the sight rod 29 moves towards the revolving disk 3 pointing out the numerical value when the disk comes to a stop. When the trigger is released as stated above the spring 14 will return the plate 10, tongue 11 and the ratchet bolt 13 to the starting position ready for the next operation of the trigger.

I do not wish to be limited to the exact mechanical structure as other mechanical equivalents may be substituted still coming within the scope of my claims.

I claim:

1. A game device comprising a pistol-shaped body including a hand grip having a barrel portion extending therefrom, a disc rotatably mounted on the front end of said barrel portion and on an axis parallel with said barrel portion, game indicia on said disc, a trigger member pivotally mounted to said body in front of said hand grip, actuating means extending longitudinally of said barrel portion and operatively connecting said trigger member and said disc to rotate said disc upon actuation of said trigger member, and a sight rod slidably mounted on said barrel portion and operatively connected with said trigger member for movement toward said disc upon actuation of said trigger member to identify the particular indicia to be selected.

2. A game device comprising a pistol-shaped body including a hand grip having a barrel portion extending therefrom, a shaft carried by said

barrel portion and parallel therewith, a disc rotatably mounted on said shaft in front of said barrel portion, ratchet means on said disc and surrounding said shaft, a pawl member rotatably mounted on said shaft and cooperative with said disc ratchet means, a spring anchored to said barrel portion and biasing said pawl member to turn around said shaft, a trigger member pivotally mounted to said barrel portion in front of said hand grip, a bore longitudinally through said barrel portion, pulley means on the front of said barrel portion and in front of said bore, cable means extending through said bore and around said pulley means and operatively connecting said trigger member and said pawl member to rotate said pawl member in opposition to said spring and drive said disc upon actuation

of said trigger member, and a sight rod slidably mounted on the top of said barrel portion and pivotally connected with the upper end of said trigger member for movement toward said disc upon actuation of said trigger member to identify the particular indicia to be selected.

GEORGE W. McKAY.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
1,594,872	Barnett	Aug. 3, 1926
1,703,498	Olbon	Feb. 26, 1929