

UNITED STATES PATENT OFFICE

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GAME APPARATUS

Glenn M. Surprise, Cedar Lake, Ind.

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3 Claims. (Cl. 273-145)

The invention relates to improvements in game apparatus and has for its primary object the provision of an improved apparatus for playing dice games which is of simple construction and efficient in use.

Another object of the invention is the provision of apparatus of the character indicated so constructed and arranged as to prevent manual and unfair manipulation of the dice.

Another object of the invention is the provision of apparatus of the character indicated so constructed and arranged as to destroy the efficacy of "loaded" dice.

Other objects will appear hereinafter.

The invention consists in the combinations and arrangements of parts hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawing forming a part of this specification, and in which

Fig. 1 is a vertical transverse section of apparatus embodying the invention;

Fig. 2 a section taken substantially on line 2-2 of Fig. 1;

Fig. 3 a top plan view of the apparatus;

Fig. 4 a section taken substantially on line 4-4 of Fig. 1; and

Fig. 5 a detailed view similar to Fig. 1 but showing a slightly modified form of construction.

The embodiment of the invention illustrated in Figs. 1, 2, 3 and 4 comprises a suitable base member 10, preferably of suitable metal, and provided with a discharge chute 11 adapted and arranged to discharge dice deposited therein laterally from the apparatus. The base member 10 is provided at its top with an annular lip or flange 12 and a glass cylinder 13 is seated as shown on said base member and within said lip 12. A top member 14 having upwardly flaring sides is provided with an annular groove 15 seating on the upper edge of the cylinder 13, as shown. The top member 14 is entirely open at the bottom of its flaring sides and is equipped with an integral laterally inclined entry chute 16, as shown. In order to hold the parts together, two binding posts 17 are equipped with threaded extensions seated in suitable bosses 18 on the sides of the chute 16. Two additional binding posts 19 are provided with threaded extensions 20 seating in the lower ends of the posts 17, as shown. The lower ends of the posts 19 are beveled, as shown, to fit snugly against the upper surface of the chute 11, and binding screws 21 are passed through suitable bosses 22 on the lower side of chute 11 and into the lower ends of the posts 19, thereby forming

a binding arrangement for holding the parts of the apparatus together.

An inclined deflecting chute 23 is arranged as shown between the chutes 16 and 11 and oppositely inclined with reference thereto. The chute 13 is provided on opposite sides with perforated lips 24 fitting between the posts 17 and 19, as indicated, and whereby said chute will be held in proper place in the apparatus.

In use and in operation, the apparatus is placed upon a table or the like and the dice simply deposited into the top 14, falling therefrom onto the chute 23 and being deflected thereby onto the chute 11 which discharges the dice laterally onto the table top. By this arrangement, the dice are tumbled over and over while following a tortuous course so that manual manipulation is impossible and the "loading" of dice ineffective.

In the modification illustrated in Fig. 5, the cover member 14 is provided with a relatively smaller entry opening 25 at one side thereof, and a helical chute 26 is formed integral with the top member 14 and arranged to receive the dice and direct them on a tortuous course until they fall upon the chute 11 to be discharged laterally therefrom as before. The other details are the same as already described and require no further description here.

While I have illustrated and described the preferred forms of construction for carrying the invention into effect, these are capable of variation and modification without departing from the spirit of the invention. I, therefore, do not wish to be limited to the details disclosed, but desire to avail myself of the modifications and variations falling within the scope of the appended claims.

I claim:

1. Apparatus of the class described comprising a base member equipped with a laterally inclined discharge chute; a transparent cylinder seated on said base member; a top member having flaring sides and an open bottom and seated on top of said cylinder and provided with an inclined entry chute; and an intermediate chute within said cylinder arranged to receive dice from said entry chute, deflect them and discharge them onto said discharge chute.

2. Apparatus of the class described comprising a base member equipped with a laterally inclined discharge chute; a wall member seated on said base member and forming a chamber; a top member having flaring sides and seated on said wall member and provided with an entry;

and an intermediate chute within said chamber arranged to receive dice from said entry, deflect them and discharge them on to said discharge chute.

5 3. Apparatus of the class described comprising a base member; a wall member seated on said base member and forming a chamber; a top member seated on said wall member and provided with two depending binding posts extending downwardly through said chamber and ter-

minating in the interior thereof; two additional binding posts having threaded extensions seating in the lower ends of said first mentioned binding posts and operatively connected with said base member; and a deflecting chute having perforated bosses fitting between said binding posts and held in position thereby in said chamber.

GLENN M. SURPRISE.