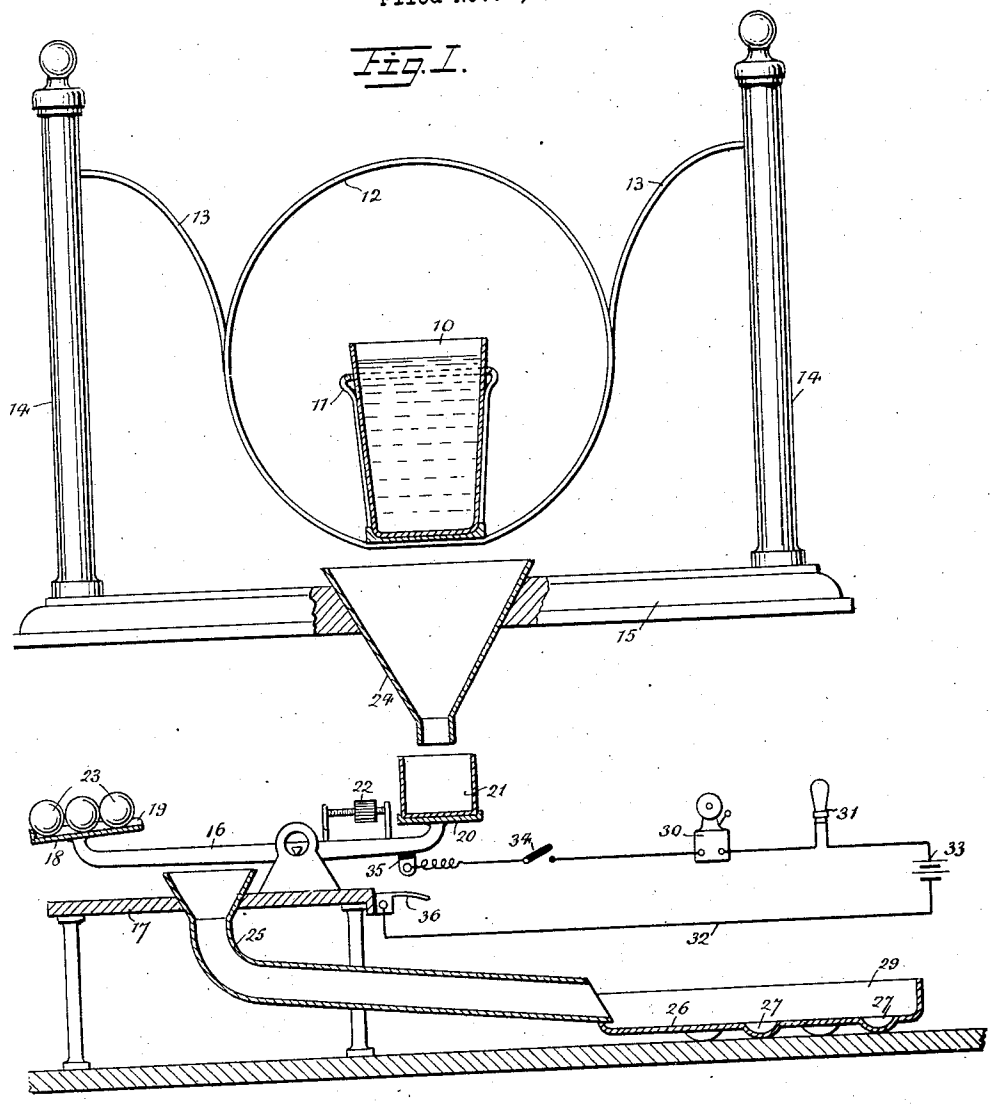
May 22, 1928. 1,671,000

H. S. WEINSTEIN

AMUSEMENT APPARATUS

Filed Nov. 2, 1927

Fig. 1.



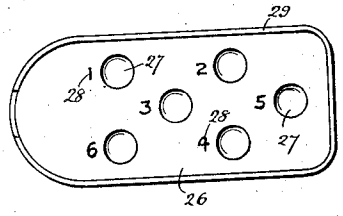


Fig. 2.

WITNESSES

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UNITED STATES PATENT OFFICE.

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AMUSEMENT APPARATUS.

Application filed November 2, 1927. Serial No. 230,615.

This invention relates to an amusement apparatus, such as is used at public resorts.

More particularly the invention relates to an amusement apparatus with which persons may exercise their skill in shooting, and at the same time set up a score entitling them to prizes.

The principal object of the present invention is the provision of an apparatus of the indicated character embodying a novel combination and operation of parts.

The nature of the invention and its distinguishing features and advantages will appear when the following specification is read in connection with the accompanying drawing, in which—

Figure 1 is a diagrammatic view illustrating the features of the apparatus of the present invention.

Fig. 2 is a plan view of the score board of the apparatus.

Referring now more particularly to the drawing, it will be apparent that the apparatus includes a receptacle or cup 10 adapted to contain a quantity of water, or other granular fluent material, such as dry sand. The said receptacle or cup 10 is made from material which may be penetrated, or be punctured, by a small missile such as a shot or dart discharged from an air rifle or the like. The idea in penetrating or puncturing the receptacle or cup 10 is to allow the water or fluent material to flow from the same through the penetrations or punctures, for a purpose to appear hereinafter. The said receptacle or cup 10 will be arranged at a remote point so that persons will be required to exercise some skill in puncturing the receptacle or cup 10 by the use of the air rifle. The cup 10 is preferably made of wax paper in order to hold water and so that it may be readily punctured. A holder 11 is adapted to receive the cup 10 to support the same in an upright position and to expose the side wall thereof to shots and darts discharged from the air gun. The holder 11 is supported by a hoop 12 connected as at 13 with uprights 14 on a base 15.

Arranged below the base 15 is a rocker 16 of any preferred type supported on a platform 17. A plate 18 is arranged at one end of the rocker 16, and said plate has an upstanding marginal portion or flange 19. The end of the rocker 16 opposite that having the plate 18, has a holder 20 adapted to receive a receptacle 21. The receptacle 21 may be rigidly secured to the end of the rocker 16. Arranged on the rocker 16 is a counter-weight 22, the same being adjustable to obtain the desired balance or equilibrium, when sundry objects such as the balls 23 are arranged on the plate 18. Arranged beneath the cup 10 between the same and the receptacle 21 is a funnel 24, the same being supported by the base 15. It will now be apparent that when the wall of the cup 10 is punctured by a shot or dart, the liquid will flow therefrom into the receptacle 21 through the funnel 24, causing rocking movement of the rocker 16, due to a preponderance in weight at the receptacle end of the rocker. One or more of the balls 23 will roll from the plate 18 into a chute 25 carried by the platform 17. The ball or balls 23 will pass from the chute 25 on to a score board 26 having recesses 27. Each recess 27 is adapted to receive one of the balls 23, and each recess is designated by a number as indicated at 28. The board 26 has an upstanding flange 29 to prevent the balls from rolling off. It will be understood that a person will be allowed a certain number of shots, and if such person is able to puncture the cup with each shot, and each at a comparatively low point, that the outflow from the cup 10 will be greatest, consequently the extent of rocking movement of the rocker 16 may be great enough to cause all of the balls 23 to roll from the plate 18 for a high score.

It is to be understood that a number of similar apparatuses will be arranged side by side so that a number of persons may be allowed to exercise their skill. In order to indicate when the high score has been made aside from the score set up on the board 26, there is provided an audible signal in the form of a bell 30, and a visual signal in the form of an electric lamp 31 which are electrically connected in a circuit 32 also including a source of electrical energy 33, a switch 34, and contacts 35 and 36 respectively carried by the rocker 16 and the platform 17. It will be apparent that when the rocker 16 has been moved under the weight of water in the receptacle 21 to bring the contact 35 in engagement with the contact 36 that the bell 30 will be actuated and the lamp 31 will be lighted to attract the attention of the attendant, who will observe the score made, and who will award the proper prize.

It is to be understood that the chute 25

and score board 26 together with the balls 23 may be omitted, in which case a suitable prize will be arranged on the plate 18, with the idea that a person is to exercise skill in puncturing the cup 10 to cause the flow of water or other fluent material into the receptacle 21, through the funnel 24 to cause the movement of the rocker 16 to cause the prize to slide from the plate 18, thereby entitling such person to the prize.

I claim:

1. In an amusement apparatus, a receptacle made of material adapted to be penetrated by a small missile discharged from a gun, said receptacle adapted to hold a quantity of liquid or fluent material, and means adapted to be actuated by the liquid or fluent material flowing from penetrations in said receptacle to release an article to the action of gravity.

2. In an amusement apparatus, a receptacle made of material adapted to be penetrated by a small missile discharged from a gun, said receptacle adapted to hold a quantity of liquid or fluent material, means adapted to be actuated by the liquid or fluent material flowing from penetrations in said receptacle to release an article to the action of gravity, and means for receiving said article after being so released.

3. In an amusement apparatus, a receptacle made of material adapted to be penetrated by a small missile discharged from a gun, said receptacle adapted to hold a quantity of liquid or fluent material, a counterbalanced rocker having connected therewith a receptacle adapted to receive the liquid or fluent material as it flows from penetrations in the wall of said receptacle, and a plate connected with the rocker on which an article may repose and from which the article is released to the action of gravity when a certain amount of liquid or fluent material is in the receptacle on said rocker.

4. In an amusement apparatus, a receptacle made of material adapted to be penetrated by a small missile discharged from a gun, said receptacle adapted to hold a quantity of liquid or fluent material, a counterbalanced rocker having connected therewith a receptacle adapted to receive the liquid or fluent material as it flows from penetrations in the wall of said receptacle, a plate connected with the rocker on which an article may repose and from which the article is released to the action of gravity when a certain amount of liquid or fluent material is in the receptacle on said rocker, and means adapted to conduct the flowing liquid or fluent material into the receptacle last mentioned.

5. In an amusement apparatus, a receptacle made of material adapted to be penetrated by a small missile discharged from a gun, said receptacle adapted to hold a quantity of liquid or fluent material, means adapted to be actuated by the liquid or fluent material flowing from penertations in said receptacle to release balls to the action of gravity, a score board having designated recesses capable of receiving said balls, and means for receiving said balls when released to the action of gravity and for conducting the same to said score board.

6. In an amusement apparatus, a rocker, a plate at one end of the rocker, a receptacle at the end of the rocker opposite that having said plate, said plate adapted to support sundry articles to counter-balance the receptacle, a cup adapted to hold a liquid or fluent material, a holder for the cup, said cup being disposed above said receptacle, so that the liquid or fluent material may flow from said cup into said receptacle, when the cup is punctured.

7. In an amusement apparatus, a rocker, a plate at one end of the rocker, a receptacle at the end of the rocker opposite that having said plate, said plate adapted to support sundry articles to counter-balance the receptacle, a cup adapted to hold a liquid or fluent material, a holder for the cup, said cup being disposed above said recpetacle, so that the liquid or fluent material may flow from said cup into said receptacle, when the cup is punctured, and a funnel disposed between the cup and said receptacle.

8. In an apparatus of the class described, means adapted to contain liquid or fluent material from which the liquid or fluent material may be discharged, and a second means adapted to hold a plurality of objects, said second means positioned and adapted to be actuated by the liquid or fluent material discharged from said first means to release one or more of said objects according to the amount of liquid or fluent material discharged.

9. In an apparatus of the class described, means adapted to contain liquid or fluent material from which the liquid or fluent material may be discharged, a second means adapted to hold a plurality of objects, said second means positioned and adapted to be actuated by the liquid or fluent material discharged from said first means to release one or more of said objects according to the amount of liquid or fluent material discharged, and scoring means positioned to receive the object or objects released by said second means for the purpose of setting up a score by one or more of the objects.

10. In an apparatus of the class described, means in the form of a target adapted to contain liquid or fluent material from which a quantity thereof may be discharged according to the skill of a person in propelling a missile at said target, a second means adapt-

ed to hold a plurality of objects, said second means positioned and adapted to be actuated by the liquid or fluent material discharged from said first means to release one or more of said objects according to the amount of liquid or fluent material discharged, and scoring means positioned to receive the object or objects released by said second means for the purpose of setting up a score by one or more of the objects.

Signed at Brooklyn in the county of Kings and State of New York this twenty-eighth day of October, A. D. 1927.

HENRY S. WEINSTEIN.