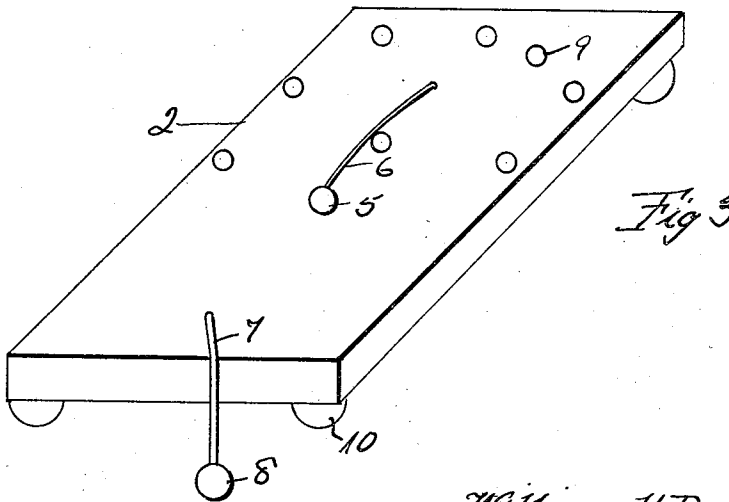
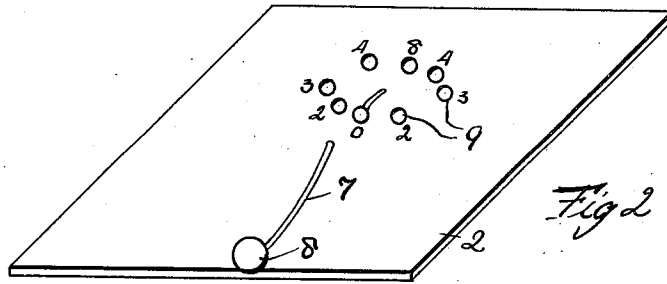
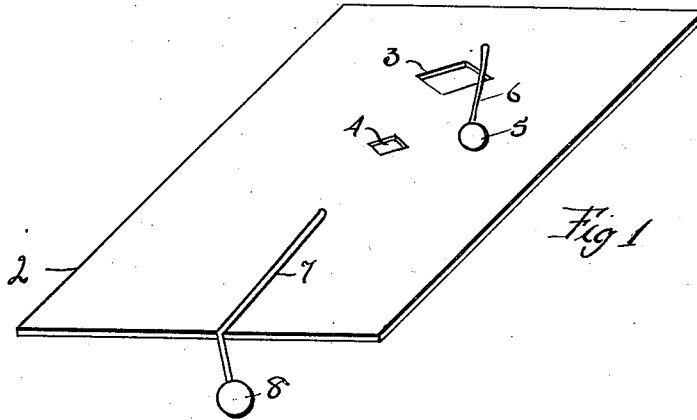


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TOY.

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1,064,380.

Patented June 10, 1913.



Witnesses
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1,064,380.

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To all whom it may concern:

Be it known that I, WILLIAM H. REIFF, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a certain new and useful Improvement in Toys, of which the following is a specification.

My invention relates to a new and amusing toy or puzzle, and has for its object to produce a device of this character which will be both amusing and puzzling, thereby testing the skill of the person playing with the device.

A further object of the invention is to arrange the perforations or indentations in scattered positions and give each one a number thus permitting a game to be played by two or more players, the numbers of the perforations in which the ball finally rests after each shot being added together so that the player first receiving a certain predetermined amount will be declared the winner.

In accomplishing the above named objects, I utilize a base-board or member having a ball or other suitable object attached thereto by an elastic band which will cause the ball, when released to hit the captive ball which will thus be forced from its resting place with a chance of entering a cavity or indentation.

It will be readily seen that no matter how long the player may use the device, it will be just as difficult to force the captive ball into a perforation or any certain indentation, as when the device was new.

With these ends in view, this invention consists in the details of construction and combination of elements hereinafter set forth and then specifically designated by the claims.

In order that those skilled in the art to which this invention appertains, may understand how to make and use the same, I will describe its construction in detail, referring by letter to the accompanying drawing forming a part of this specification, in which—

Figure 1, is a perspective view of one form of my toy or puzzle. Fig. 2, a similar view of a slightly modified form, and Fig. 3, a similar view of a still further modified form of device, showing the base-board or

member in the form of a game-board having feet.

In carrying out my invention as embodied in Fig. 1, I employ a base-board 2 preferably of relatively stiff card-board the face of which may be utilized for printing matter such as directions and advertising. In this base-board are produced two adjacent cavities 3 and 4 respectively, the cavity 3 being larger than the cavity 4, to permit the passage therethrough of the captive ball 5 which is fastened to one end of the string, 6, the opposite end of said string being attached to the base-board, to the rear of the cavity 3 and preferably in alinement with an imaginary line drawn through the centers of the cavities 3 and 4. The string 6, is of sufficient length to permit the ball 5 to rest in the cavity 4, said cavity being smaller than the greatest diameter of the ball 5, to prevent the passage of said ball, therethrough, thus forming a resting place for said ball.

7, is a suitable resilient means here shown as a rubber-band which is fastened to the base-board in alinement with the attaching point of the string 6, and the cavities 3 and 4, and to the free end of this rubber band is fastened the ball or projectile 8, which is in the form of a ball similar to the ball 5 and these are preferably identical in size.

The operation of the device is as follows: The captive ball 5 is placed in the cavity 4, at which time it is set for operation, the projectile ball 8, is then taken between the forefinger and thumb, and the elastic band expanded. When the player believes that he or she has the correct aim, the projectile ball 8, is released, the rubber band propelling it with considerable force against the captive ball causing said captive ball to be shot from its resting place and if the force of propulsion is correct, and the direction of the captive ball is in the right line, said captive ball will enter the cavity 3.

In Fig. 2, I have shown a slightly modified form of my invention in which a plurality of cavities 9, are utilized each of which may be numbered. The cavity lying between the attaching points of the captive ball and projectile ball being cipher and used as the rest for the captive ball. In this form of device, the captive ball is preferably attached at a point which will be equi-

distant from each of the cavities 9, so that the captive ball after being hit by the projectile ball will enter one of said cavities.

In Fig. 3, I have shown a still further modified form of my invention in which the base-element is preferably a board or other thick object forming a game-board in which are formed the scattered impressions or cavities 9, adapted to receive the captive ball in a similar manner as the cavities in the form of device shown in Fig. 2. The base-board is provided with feet 10, of any desired size and form.

Of course I do not wish to be limited to the exact details of construction as here shown, as these may be varied within the limits of the appended claims, without departing from the spirit of my invention.

Having thus fully described my invention, what I claim as new and amusing, is—

1. As a new article of manufacture, a base element having cavities therein, a captive ball adapted to rest in one of said cavities, a rubber band secured to the base element and a projectile ball carried by the free end of the rubber band.

2. In a toy, a base element having cavities therein, a string attached to the base element, a captive ball carried by the free end of said string, a rubber band secured to the base element and a projectile ball adapted

ed to be propelled by the rubber band against the captive ball in an endeavor to force said ball into one of the cavities.

3. A toy and puzzle consisting of a base element having perforations therein, a captive ball, means attached to the base element in alinement with the centers of the perforations for holding said ball captive, a projectile ball, and resilient means attached to the base element in alinement with the center of the perforations, said means adapted to propel the projectile ball against the captive ball in an endeavor to force said captive ball into one of said perforations.

4. A toy comprising, a base element having a plurality of cavities, a captive ball attached to the base element at a point equidistant from the cavities, an elastic band having one end secured to the base element and a projectile ball secured to the free end of said elastic band adapted to be used in an endeavor to force the captive ball from one cavity into one of the other cavities.

In testimony whereof, I have hereunto affixed my signature in the presence of two subscribing witnesses.

WILLIAM H. REIFF.

Witnesses:

EDW. W. ANSTICE,
M. H. LO REE.