G. J. PALAITH.

TARGET GAME.

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1,413,770. Patented Apr. 25, 1922.

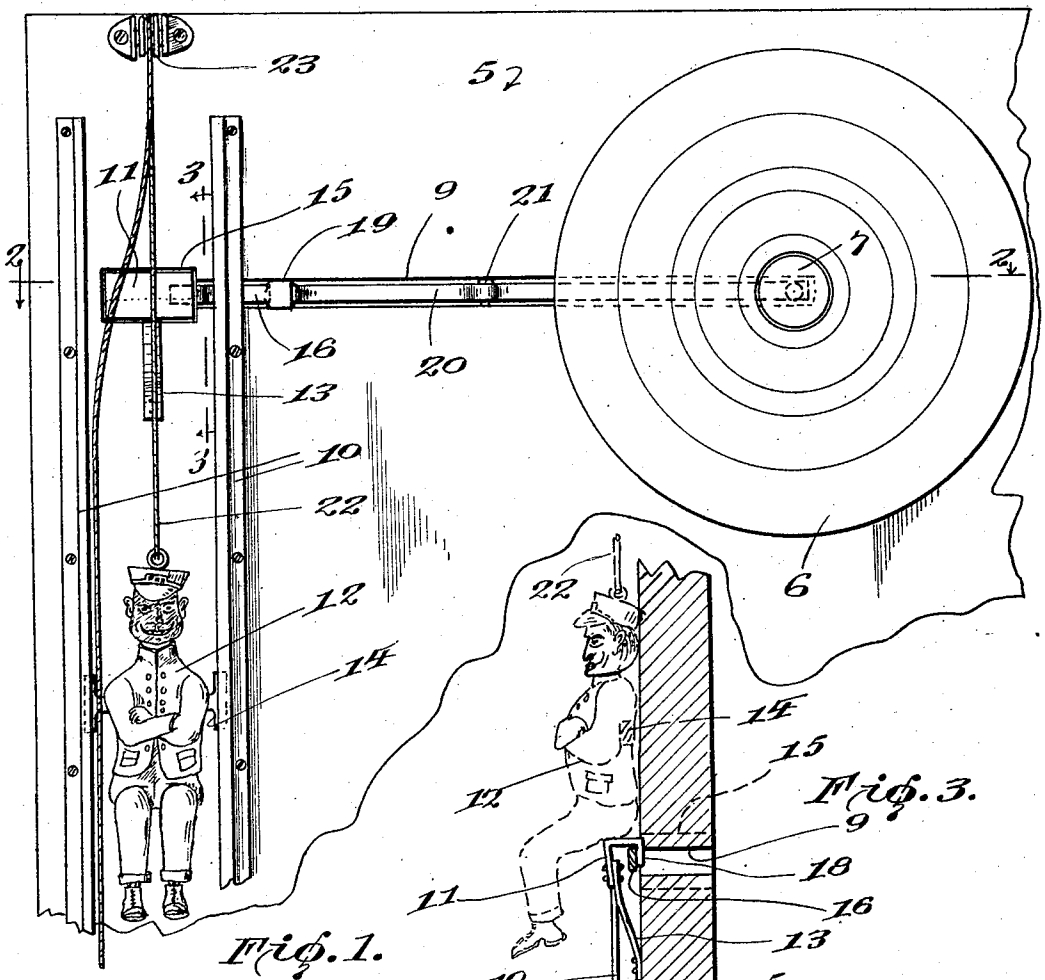


Fig. 1.

Fig. 3.

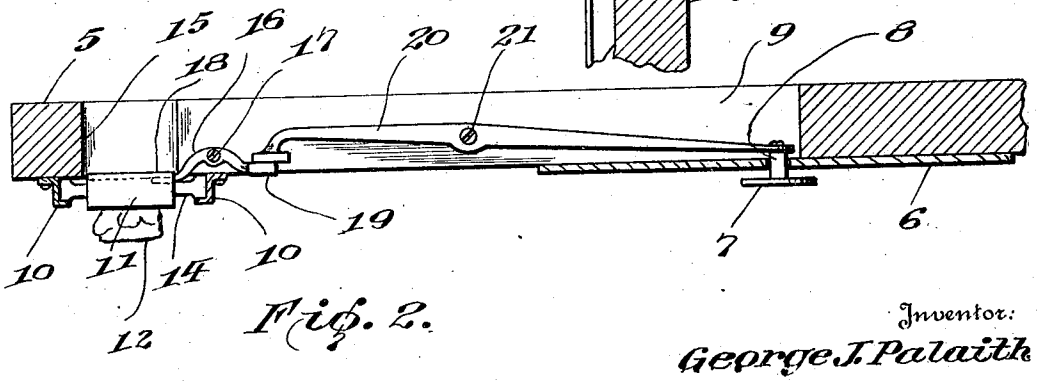


Fig. 2.

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UNITED STATES PATENT OFFICE.

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TARGET GAME.

1,413,770. Specification of Letters Patent. Patented Apr. 25, 1922.

Application filed March 30, 1921. Serial No. 456,944.

To all whom it may concern:

Be it known that I, GEORGE J. PALAITH, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Target Games, of which the following is a specification.

This invention relates to game apparatus involving a figure which is normally in a state of rest and which is releasable to drop away from its support, the releasing means being operable by a missile which actuates said means if it is properly directed.

The invention has for its object to provide a novel and improved apparatus of the kind stated, and to this end it consists in a combination and arrangement of parts to be hereinafter described and claimed.

In order that the invention may be better understood, reference is had to the accompanying drawing forming a part of this specification, and in said drawing,

Figure 1 is an elevation of the apparatus; Fig. 2 is a horizontal section on the line 2—2 of Fig. 1, and Fig. 3 is a vertical section on the line 3—3 of Fig. 1.

In carrying out the invention there is provided a base plate 5 which is supported in upright position by any suitable means. On the face of this plate is mounted target plate 6 having a bull's-eye in the form of a movable disk 7 carried by a rearwardly extending shank 8 which passes loosely through a hole in the center of the target plate and into a horizontal slot 9 in the base plate. The target may also be painted directly on the base plate.

Along one side of the target 6, the base plate 5 is fitted with two laterally spaced, vertical guide strips 10, and between these strips, at the top thereof, is a seat 11 for supporting a figure 12. This seat is carried by a leaf spring 13 fastened at its lower end to the base plate and having its upper end free and supporting the seat 11, the latter being fastened to the spring in any suitable manner. The figure 12 is formed with a slide 14 which is in engagement at its ends with the strips 10. The seat 11 is adapted to be withdrawn from beneath the figure 12, whereupon it drops by gravity, its downward movement being guided by the slide 14 and the strips 10.

Back of the seat 11, the base plate 5 has a recess 15 into which the seat passes when it is retracted to release the figure 12.

The seat 11 is retracted by means of a lever 16 which is pivoted intermediate its ends, as shown at 17, and seats in the slot 9, said slot opening into the recess 15. One end of this lever bears against a downturned flange 18 on the seat 11 at the rear portion of the latter, and the other end of the lever has a head or enlargement 19 against which bears one end of an actuator lever 20 having its other end connected to the shank 8 of the movable bull's-eye 7. The lever 20 seats in the slot 9 and it is pivoted intermediate its ends, as shown at 21.

In operation, a missile upon striking the bull's-eye 7 forces the same rearwardly, resulting in a swing of the lever 20 in a direction to actuate the lever 16, the latter swinging in a direction to withdraw the seat 11 from beneath the figure 12, so that the latter is now no longer supported, and hence it drops by gravity, its downward movement being guided by the slide 14 and the strips 10. By means of a line 22 connected to the figure 12 and passing over a guide pulley 23 located above the seat 11, the figure may be elevated and reseated. As soon as the figure drops off the seat, the latter is advanced by the spring 13, and hence when the figure is elevated it snaps over the seat and again is held in elevated by the latter.

The apparatus is not only amusing, but it also requires a certain amount of skill as the release of the figure is not effected unless the missile strikes the bull's-eye of the target. The missile may be a ball thrown by hand, or it may be any other device propelled in any other manner.

I claim:

An amusement apparatus comprising a movable support, a figure seating on said support and adapted to descend gravitationally when the support is withdrawn, means for guiding the descent of the figure, a lever engageable with the support and movable in a direction to withdraw the same from the figure, a spring engaging the support for moving the same to figure-supporting position, a target having a movable bull's-eye and a lever connected to the bull's-eye and having an operative connection with the first-mentioned lever.

In testimony whereof I affix my signature.

GEORGE J. PALAITH.