No. 650,948. Patented June 5, 1900.

O. NELSON.

GAME APPARATUS.

(Application filed Dec. 1, 1899.)

(No Model.)

Fig. 1.

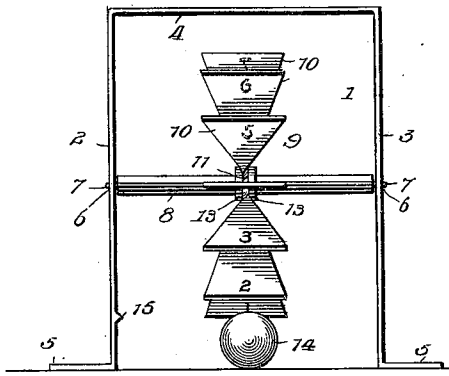


Fig. 2.

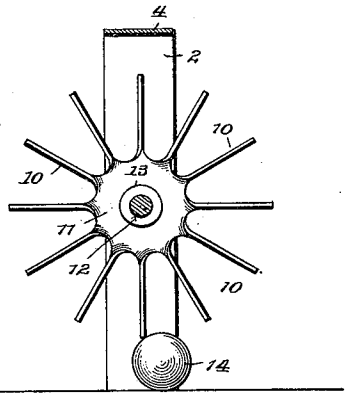
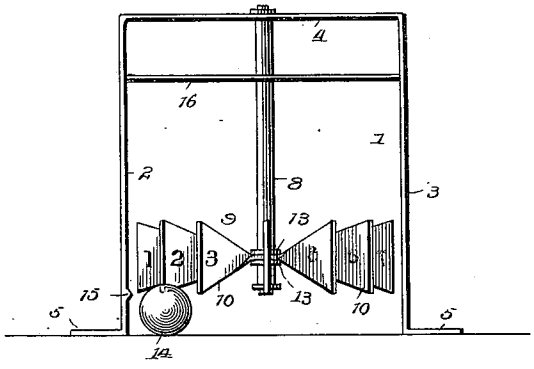


Fig. 3.



Witnesses:
Harry S. Robson.
F. D. McCleary.

Inventor:
Oscar Nelson.
By Victor J. Evans.
Attorney

THE NORRIS-PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

OSCAR NELSON, OF NEW YORK, N. Y.

GAME APPARATUS.

SPECIFICATION forming part of Letters Patent No. 650,948, dated June 5, 1900.

Application filed December 1, 1899. Serial No. 738,890. (No model.)

To all whom it may concern:

Be it known that I, OSCAR NELSON, a citizen of the United States, residing at New York, (Brooklyn,) in the county of Kings and State of New York, have invented certain new and useful Improvements in Game Apparatus, of which the following is a specification.

My present invention relates to a novel game apparatus or toy, and has for its object the production of a toy which may be manufactured at slight cost and which will be a source of amusement and instruction to children.

Referring to the drawings, Figure 1 is an elevation of my toy. Fig. 2 is a sectional elevation thereof viewed at right angles to Fig. 1, and Fig. 3 is an elevation of a modified form of the device.

Referring to the numerals of reference indicating corresponding parts in the several views, 1 indicates a frame or wicket of any suitable material, preferably tin, comprising a pair of uprights 2 and 3, connected at their upper ends by a horizontal plate 4 and provided with oppositely-disposed feet 5. In forming this frame the tin is bent into inverted-U shape and its extremities are bent into angular relation to form the feet.

At or about their centers the uprights 2 and 3 are provided with apertures 6 for the reception of the terminal trunnions 7 of a horizontal shaft 8, constituting a revolving support for a wing-wheel 9, the wings 10 of which may be consecutively numbered or otherwise designated in accordance with their significance with reference to the game to be played.

The wheel 9 may be constructed and mounted in any suitable manner; but I prefer to form a series of radial slits in a circular piece of tin and then twist the intermediate triangular metal portions into parallel relation to form the wings 10. By this means a central disk or hub 11 is left, as shown in Fig. 2 of the drawings, and in this disk I form an axial aperture 12 for the reception of the shaft, upon which are then placed a pair of tightly-fitting rings 13, abutting against the opposite faces of the disk and serving to secure the wheel to the shaft.

The wicket is of sufficient width to permit a marble or other small ball 14 to pass by the wheel, which latter is sufficiently elevated to barely prevent the passage of the ball thereunder without coming into contact with one or more of the wings.

One of the uprights is provided with an under point 15, opposite which the wing numbered 1 is designed to be positioned at the beginning of the game or of each play, according to the rules of the game.

In playing the game the player shoots the ball with the fingers or with a device provided for that purpose, and if the aim is accurate the ball will strike the lowermost wing and spin the wheel. The number of the wing stopping opposite the index-point indicates the value of the play, which may end with one go or continue as long as a higher number is made by each consecutive go, the total of the goes being in this event the value of the play.

In Fig. 3 I have illustrated a modification which consists in mounting the wheel horizontally on a pendent shaft 16, supported by the plate 4 and guided by a bearing-plate just below and parallel therewith. This form will be found to be preferable by some, as the ball must be shot against the extreme tips of the wings to prevent its passing under the wheel without causing it to spin, as it will be seen that the inclined bottom edges of the wings in this form will permit the passage of the ball adjacent to either side of the shaft; but while the present embodiment of my invention appears at this time to be preferable I do not desire to limit myself to the structural details defined, but reserve the right to effect such changes, modifications, and variations as may fall properly within the scope of the protection prayed.

I claim—

1. The combination with a wicket provided with supporting-feet and an index-point, of a shaft supported therein, a wheel formed by slitting a metal disk radially and twisting

the segments into parallel relation, and a pair of tightly-fitting rings upon the shaft in contact with the opposite faces of the wheel.

2. The combination with a wicket, of a pendent shaft therein, and a horizontal wing-wheel carried by the shaft, the wings of said wheel having inclined bottom edges.

In testimony whereof I affix my signature in presence of two witnesses.

OSCAR NELSON.

Witnesses:
THOS. J. REDMOND,
CHARLES H. HAGBERG.