

UNITED STATES PATENT OFFICE

2,430,580

GAME DEVICE

Debs H. Pelkola, Chicago, Ill.

Application February 1, 1946, Serial No. 644,906.

2 Claims. (Cl. 273-141)

1

My invention relates to game devices.

An important object of my invention is to provide a game device which is provided with a circular or annular ring portion, having its surface sub-divided into a number of divisions designated by particular indicia, and a rotor element having two diametrically opposed pointer elements, the said pointer elements being positioned to point to specific or particular oppositely disposed subdivisions on the said annular ring element.

Another object of my invention is to provide a game device of the aforementioned character, which has a portion thereof available for placing advertising matter thereon.

A still further object of my invention is to provide a game device of the aforementioned character wherein a rotor is mounted in a bearing, frictionally, so as to retard, and reduce the number of convolutions during the rotational movement thereof, after it had been impelled to rotational action.

A still further object of my invention is to provide a device of the aforementioned character which is simple in construction, furnishing amusement and recreation to those participating in the various games to which this item is adaptable.

Other objects and advantages inherent in my invention will become apparent from an examination of the accompanying drawings, bearing further elucidation in the ensuing description, wherein like symbols are used to designate like parts, and in which;

Fig. 1 is a perspective view of my invention.

Fig. 2 is a fragmentary sectional view on the line 2-2 of Figure 1, showing how the pointer elements are secured to the rotor element.

Fig. 3 is a fragmentary sectional view taken on the line 3-3 of Figure 1, indicating the novel bearing structure utilized in connection with my invention to retard the rotational movement thereof, and

Fig. 4 is a detailed view of the ring element with the various numerical sub-divisions more clearly indicated, than can be indicated in the perspective view of Figure 1.

Referring to the various figures, my invention is, generally, designated 5 and consists of a base 6 which is made up to the shape indicated, and on which advertising matter 7 may be placed, so that it is in view of those utilizing the device for playing games.

The top of the base 6 is provided with a bearing portion 8, to which are secured the supporting arcuate or semi-circular wire formed elements 10 supporting at the top the oppositely disposed

2

bearing 9, in which is mounted the rotor axle 14. On the rotor axle 14, I mount the rotor ring 16, the same having oppositely disposed, or diametrically disposed slotted portions 19 for securing therein the pointer element 17, each having the index portion 18. The said index portions are at suitable height in order to operate in proximity to the circular or annular ring 11 which has a top surface or portion sub-divided into a number of equally spaced divisions 12, each one being indexed with a particular numeral designated 13.

In Figure 4, I show a preferred form of demarcation for the subdivisions of the ring element 11, it comprising twenty spaces, each one being designated with a specific numeral. It is to be noted that oppositely disposed spaces are numbered consecutively 1-1, 2-2, 3-3, etc., with the one difference, that the sub-division demarcated by the numeral 10, has its mating and opposite sub-division marked 11, this combination constitutes the winning combination, namely 21, or any other combinations may be utilized to designate the winning diametrically disposed combination of the game.

The bearing portions 8 and 9 are provided with hemispherical bearing recesses 15, while the rotor shaft 14 is provided with hemispherical end portions nesting within the said bearing portion 15, the object being to provide a greater amount of frictional resistance to the rotor shaft 14, so that when the same is impelled to rotational operation by the index finger, it will cause the rotor 16 to be subjected to a number of gyrations, yet the gyrational action will not be of too long duration, so as to permit consecutive play quickly.

In operation, the rotor 16 is impelled by the finger, subjecting it to a number of gyrations, when it stops, the subdivisions where it is arrested are noted to see if scoring is in order. As many subdivisions as desired may be agreed upon before play is initiated. The device can be used with many prescribed rules of play, and variations thereof.

Although, I have herein described and revealed succinctly my invention, and inasmuch as the same is susceptible of modifications and improvements, I hereby reserve the right to all modifications and improvements coming within the scope and spirit of my invention, as well as all those impliably embraced in the accompanying drawings, and any that may fall within the purview of the foregoing disclosure as defined in the subjoined claims.

Having thus described, and revealed my in-

3

vention, what I claim as novel, and desire to secure by Letters Patent, is:

1. A game device comprising, a base, a skeletal wire frame-work of spherical configuration and provided with two polar bearings mounted on the said base, an annular ring supported at the equatorial position of the said skeletal wire frame-work, the said annular ring being subdivided into a number of subdivisions each demarcated by indicia, and a rotor axially mounted between the confines of the said polar bearings, the said rotor being provided with oppositely disposed index means operable substantially within the plane of the said annular ring, the said rotor including a rotor ring of lesser diametral magnitude than the said annular ring and mounted in a plane perpendicular to the plane of the said annular ring, and a central axis mounted in the said rotor ring having its extremities fitted in the said polar bearings.

2. A game device comprising, a base, a skeletal wire frame-work of spherical configuration and provided with two polar bearings mounted on the said base, an annular ring supported at the equatorial position of the said skeletal wire frame-work, the said annular ring being subdivided into

4

a number of subdivisions each demarcated by indicia, and a rotor axially mounted between the confines of the said polar bearings, the said rotor being provided with oppositely disposed index means operable substantially within the plane of the said annular ring, the said polar bearings having hemispherical cavities, the axis of the said rotor having mating hemispherical ends operating in the said cavities to limit the gyrational movements of the said rotor, the said rotor including a rotor ring of lesser diametral magnitude than the said annular ring and mounted in a plane perpendicular to the plane of the said annular ring, and a central axis mounted in the said rotor ring having its extremities fitted in the said polar bearings.

DEBS H. PELKOLA.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
1,171,728	Kodama	Feb. 15, 1916
1,561,402	Bernwall	Nov. 10, 1925