

A. W. WAHLIN.
SPHERICAL DICE.
APPLICATION FILED NOV. 22, 1909.

973,595.

Patented Oct. 25, 1910.

Fig. 1

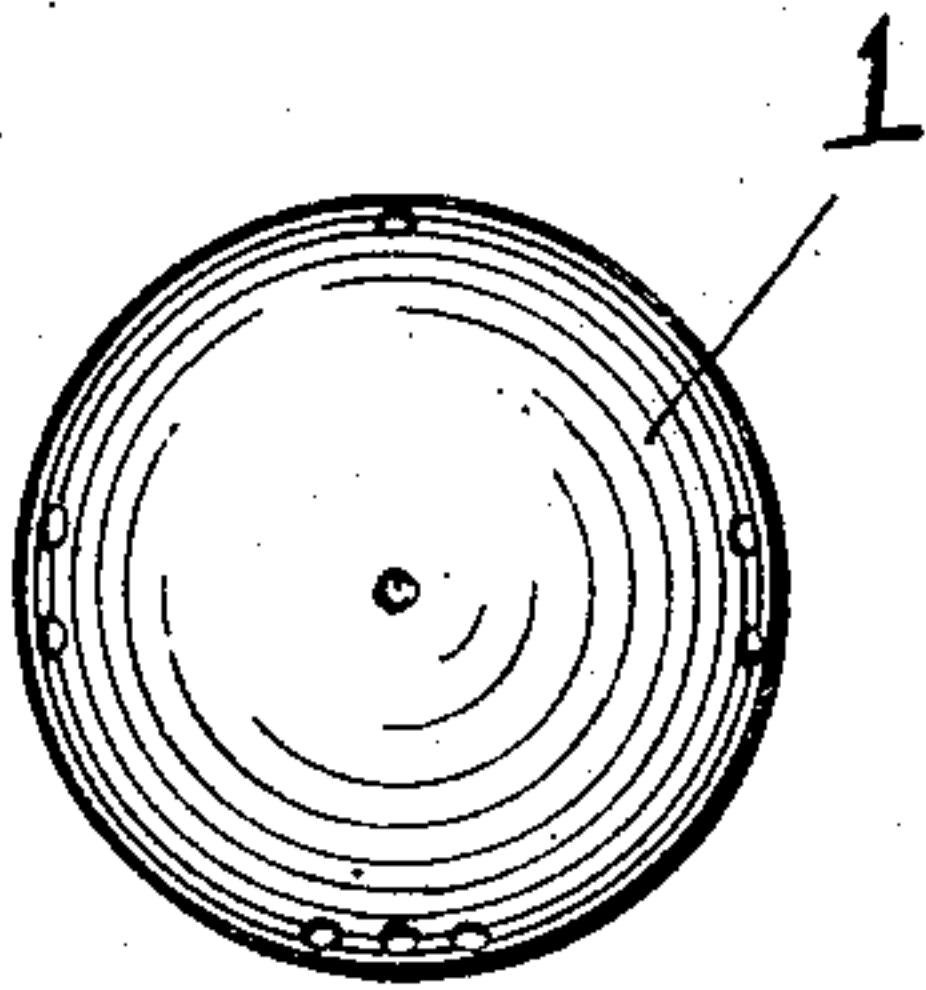


Fig. 3

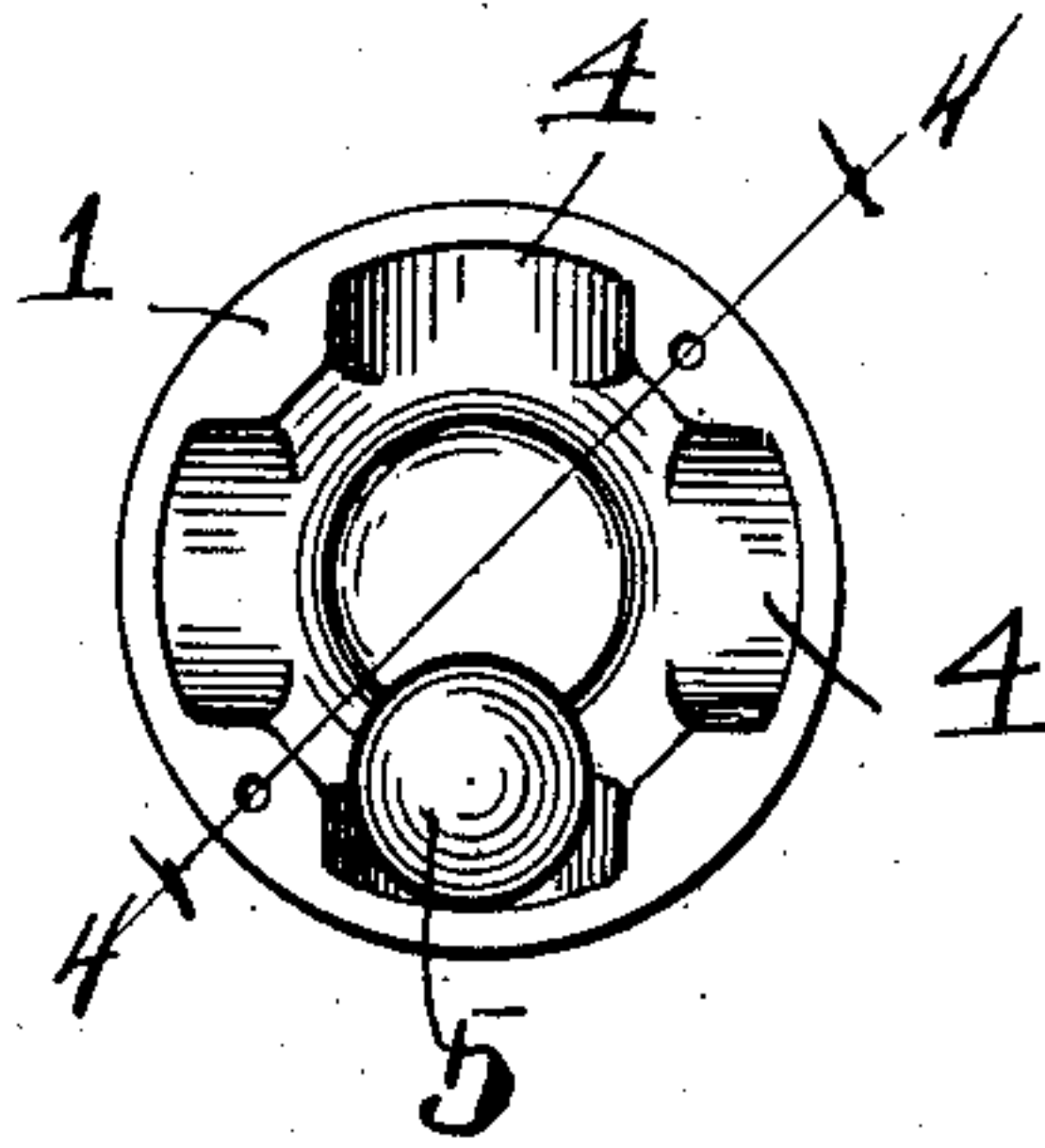


Fig. 2

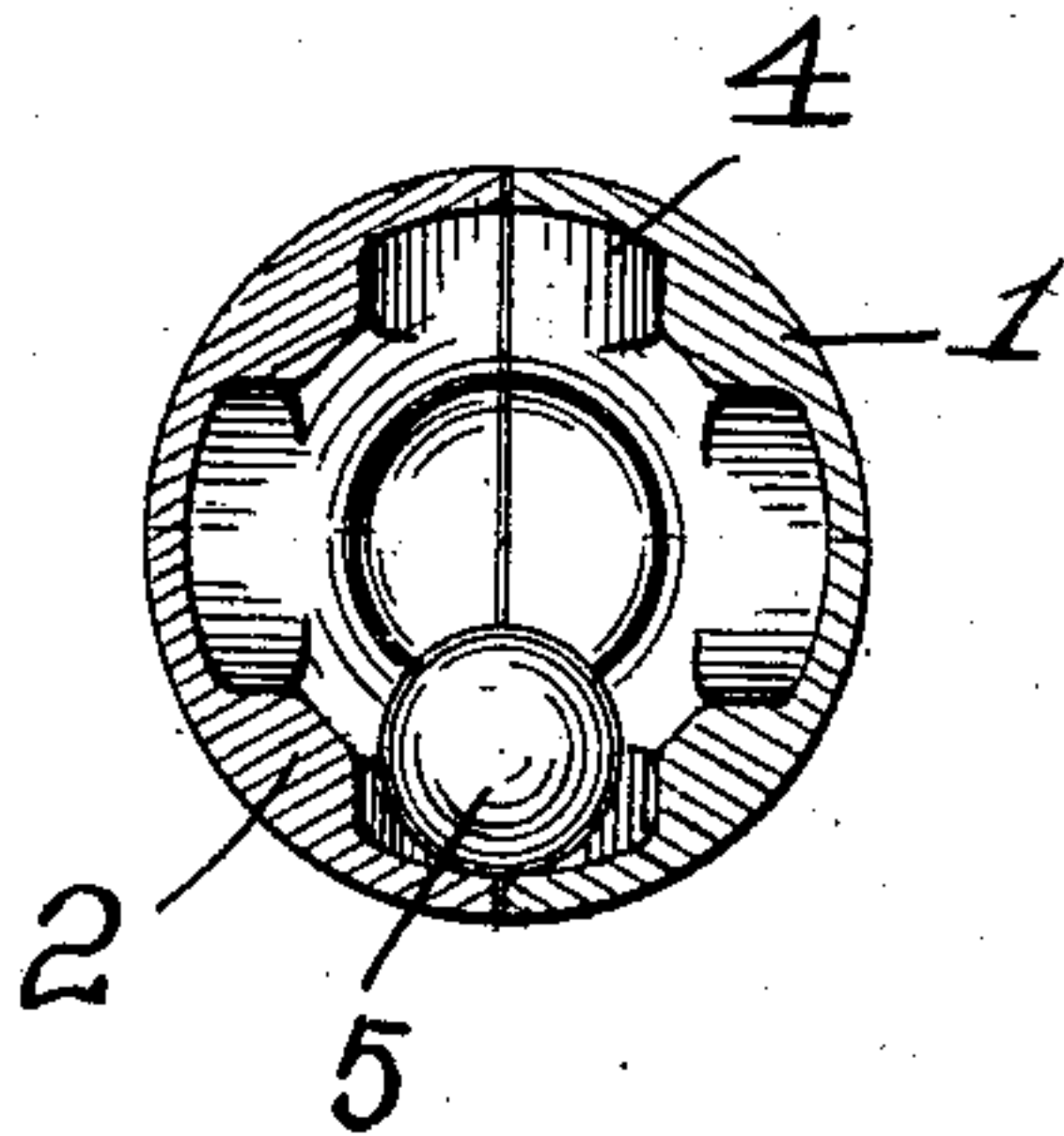
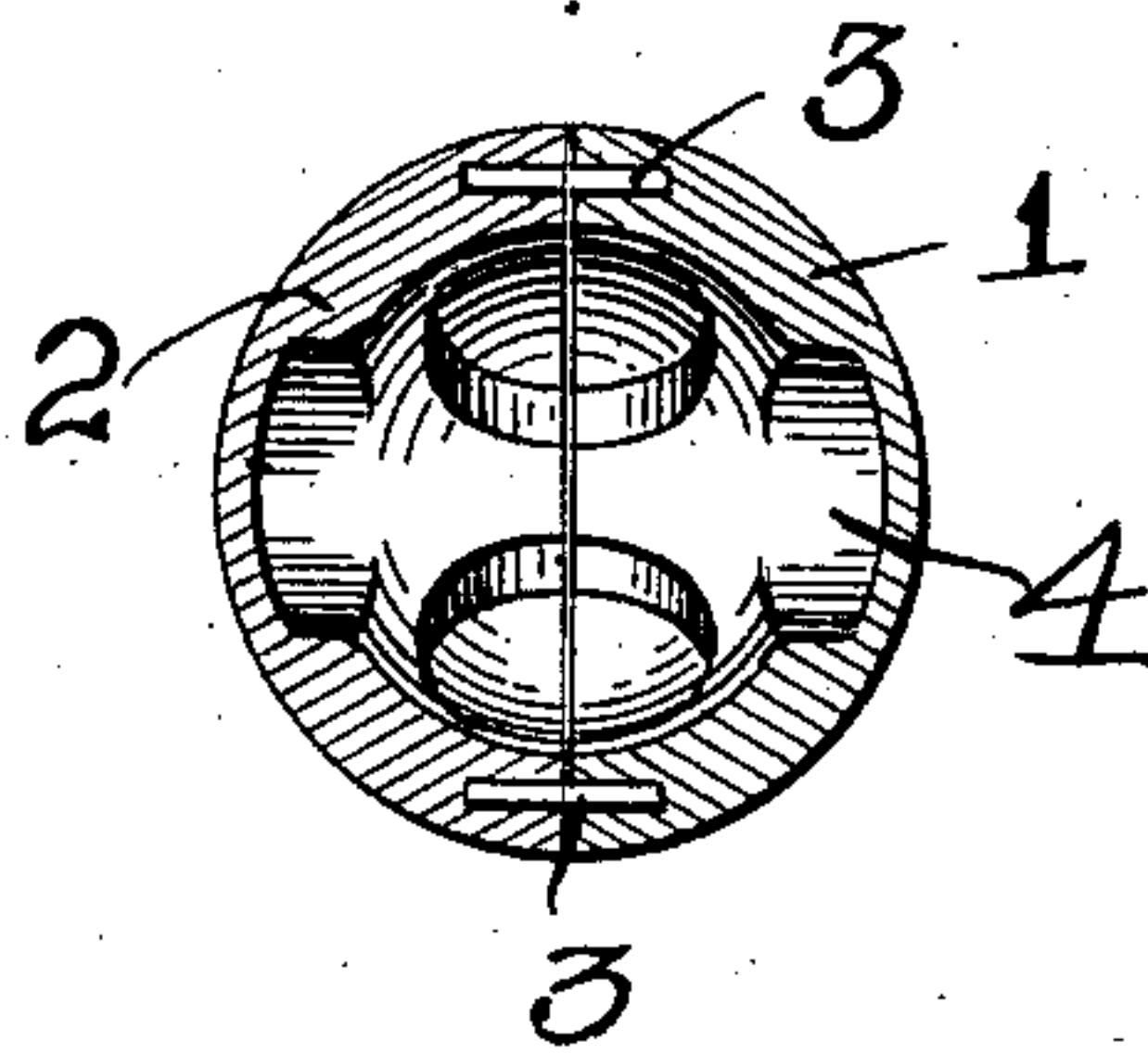


Fig. 4



WITNESSES

J. H. Angell.
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INVENTOR

Axel W. Wahlin.

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UNITED STATES PATENT OFFICE.

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SPHERICAL DICE.

973,595.

Specification of Letters Patent.

Patented Oct. 25, 1910.

Application filed November 22, 1909. Serial No. 529,178.

To all whom it may concern:

Be it known that I, AXEL W. WAHLIN, a citizen of the United States, and a resident of the city of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Spherical Dice; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the numbers of reference marked thereon, which form a part of this specification.

The object of this invention is to afford a die provided as is usual with six numbers consecutively from one to six and which is spherical in form to facilitate the rolling of the die, said die however, being so constructed as to necessitate the same stopping always in position for one or the other of the numbers thereon to count, or in other words, remain uppermost.

It is also an object of the invention to afford an exceedingly cheap and simple construction, permitting the dice to be made of any desired size and adapting the same for use in many games not heretofore conveniently played with dice.

The invention consists in the matters hereinafter described and more fully pointed out and defined in the appended claims.

In said drawings: Figure 1 is a view in elevation of a spherical die embodying my invention. Fig. 2 is a section taken centrally therethrough. Fig. 3 is a view in elevation of one of the halves of the ball showing the parts separated. Fig. 4 is a section on line 4—4 of Fig. 3.

As shown in the drawings: The ball or sphere is constructed in two sections 1 and 2, of equal size, each of which is hollow, as shown, and provided at six points equal distances apart in the interior with recesses 4, which extend outwardly having a thin wall between the same and the outer periphery. Said recesses are each provided with concave bottoms, as shown in Figs. 2 to 4 inclusive, and, as shown, the two halves 1 and 2, of the ball are then secured together by means of dowel pins 3, which are inserted in the walls thereof, as shown in Fig. 4, or in any other suitable manner to afford a permanent and rigid connection.

Before closing the ball, a spherical body 5, such as a buckshot or other small spherical pellet of lead, mercury or other heavy material is placed inside the same. The

ball is marked on its surface opposite said recesses with one of the numbers or characters indicating the count, namely, from one to six inclusive. These markings may be impressed in the material of which the dice are made, printed thereon, or affixed thereto in any other manner.

The operation is as follows: In playing the game with the dice, the same are simply rolled upon any flat surface with the effect that the pellet 5, soon falls into one of the recesses, bringing the dice to rest with the count opposite the pocket into which the pellet rolls, uppermost. When accurately made and with the walls of the recesses of uniform thickness, it is obvious that the dice may come to rest at any point corresponding in position with one of the recesses therein, thus, the element of chance or uncertainty in the count to be presented is obtained as is usual in square dice.

Of course, the dice may be constructed of any suitable material and the pellet made of any desired material and changes in the particular construction may be effected without departing from the principles of this invention.

I claim as my invention:

1. A spherical hollow die marked on its periphery at equal distances apart with the characters or counts of a game, recesses within said die corresponding in position with the count, and a spherical body within said die adapted to fall into any of said recesses to present the diametrically opposite count uppermost.

2. Dice, each embracing two hemi-spherical hollow members joined face to face to afford a spherical die and marked on its periphery with characters indicating the count from one to six inclusive, recesses in said spherical die corresponding in position with the counts and a leaden ball within the same adapted to arrest the rolling of the die by falling into one of said recesses and thereby to present the count diametrically opposite therefrom in view position.

3. A spherical die embracing two hollow hemi-spherical sections rigidly secured together face to face and marked on the surface at equal distances apart with the six counts usual to die, recesses arranged in said die to correspond with said count and a leaden spherical pellet within the die adapted to hold one of the counts uppermost by falling in the opposite recess.

4. Dice formed spherically and hollow having internal recesses in the wall thereof, markings on the external wall of the dice opposite the recesses and a heavy member
5 within the dice adapted to fit in one of the recesses to control the position of the dice.
5. Dice, each comprising a ball having the dice markings on the surface thereof and means in the ball for bringing the same to
10 rest with one of the markings uppermost.
6. A spherical die having the characteristic die markings thereon and means for stopping the die with a die marking uppermost.
- 15 7. A spherical hollow die having die numerals on the periphery and internal recesses opposite the die numerals and a heavy ball in the die adapted to engage in any recess for positioning the die with a numeral
20 uppermost.
8. A die formed ball shaped, sets of die numerals thereon arranged diametrically

opposite and means necessitating the die stopping with a die numeral uppermost.

9. A spherical die comprising hemi- 25 spherical sections rigidly secured together, die markings on the die and means within the die adapted when the die ceases rolling to position the die with a marking uppermost. 30

10. A spherical die comprising sections rigidly secured together and provided with internal recesses, die markings on the outside of the die opposite the recesses and a heavy body in the die adapted to engage in 35 any recess.

In testimony whereof I have hereunto subscribed my name in the presence of two subscribing witnesses.

AXEL W. WAHLIN.

Witnesses:

C. W. HILLS,
K. E. HANNAH.