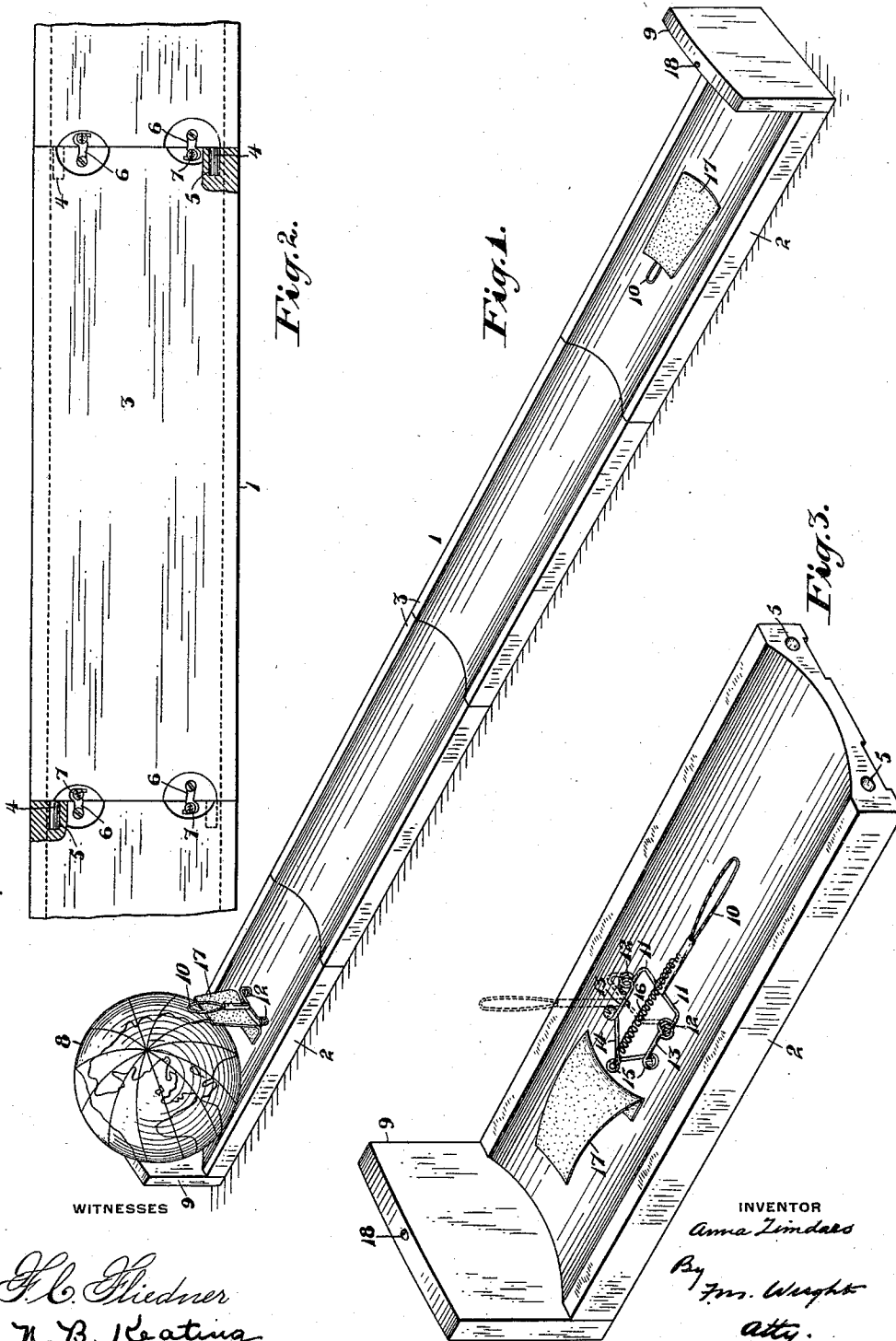


A. ZIMDARS.
 GAME APPARATUS.
 APPLICATION FILED MAY 23, 1911.

1,014,555.

Patented Jan. 9, 1912.



WITNESSES
H. C. Gledner
N. B. Keating

INVENTOR
Anna Zimdars
 By *J. M. Wright*
att'y.

UNITED STATES PATENT OFFICE.

ANNA ZIMDARS, OF SAN FRANCISCO, CALIFORNIA, ASSIGNOR OF ONE-HALF TO IDA M. DAVIS, OF SAN FRANCISCO, CALIFORNIA.

GAME APPARATUS.

1,014,555.

Specification of Letters Patent.

Patented Jan. 9, 1912.

Application filed May 23, 1911. Serial No. 629,050.

To all whom it may concern:

Be it known that I, ANNA ZIMDARS, a citizen of the United States, residing at San Francisco, in the county of San Francisco and State of California, have invented new and useful Improvements in Game Apparatus, of which the following is a specification.

The present invention has for its object to provide a game which, while affording interest and amusement, will instill into the minds of the players exact geographical knowledge of the earth's surface.

In the accompanying drawing, Figure 1 is a perspective view of my improved game; Fig. 2 is an enlarged broken bottom plan view of a portion thereof; Fig. 3 is an enlarged perspective view of an end section thereof.

Referring to the drawing, 1 indicates the track or runway comprising end sections 2 and mediate sections 3, said sections being located end to end and registering with each other, said register being assured by dowel pins 4 projecting from ends of said sections and entering sockets 5 of adjacent sections. Said sections are also secured against longitudinal detachment by hooks 6 on the bottom of one section which engage pins 7 on the adjacent section. Said sections when thus placed in line form a concave track or runway for a ball or sphere shown at 8. For the purpose of this game, the sphere used is an ordinary unmounted globe representing geographically the earth's surface. The end sections are provided with vertical end walls 9, against which the globe abuts when rolled from one end of said runway to the other. To retain it in its position at the end of its rolling movement, there is provided near each end of the runway a spring-actuated stop 10, best shown in Fig. 3. The lower end of said stop is formed with laterally extending branches 11, which are hooked, as shown at 12, to arms 13, said arms being formed integral with a mediate portion 14 and loops 15, by which they are attached to the bottom of the track. To said stop is secured one end of a spring 16, the other end of which is secured to the center of the mediate portion 14. The construction of the spring stop here shown is no part of my invention.

When the globe is rolled from the position shown in Fig. 1 to the other end of the runway, the first effect is to move the adja-

cent spring stop down into the bottom of the runway, into the position shown in full lines in Fig. 3. In this position it remains, since the spring then acts between two points which are below the pivotal axis 60 of the spring stop. When the globe arrives at the other end of the runway and passes over a similar spring stop at said end, the pressure of the globe on said spring stop has the effect of causing the direction 65 of tension of said spring to pass above the pivotal axis of the spring stop, and the spring then acts to raise the stop, which thereupon assumes a position similar to that shown in the left hand end in Fig. 1 and in 70 dotted lines in Fig. 3, thus forming a front index. I preferably provide a strip of felt 17 over each spring stop, so as to prevent damage to the surface of the globe from said spring stops and the parts immediately con- 75 nected therewith. On the top of each end wall is secured a nail head 18 or other device, which, when the globe is in position adjacent to said wall, is diametrically opposite to the extreme outer end of said stop 10 80 when in its raised position, thus forming a rear index.

The game is played in the following manner: One or more players stand or kneel at each end of the runway, and each in turn 85 rolls the globe from one end thereof to the other. When the globe is at rest at the other end of the runway the player who has last rolled it inspects from a distance the markings on the globe which are adjacent to the end of the stop, and strives to accurately 90 state the character of the earth's surface immediately under said end, giving the latitude and longitude, continent or ocean, the country, seas, bays, gulfs or sounds, the 95 rivers or steamship lines, the mountains or volcanoes, the lakes or inland seas, the cities or islands, the straits, isthmuses or canals, the peninsulas or channels, the currents or mountain chains. Suitable "points" or 100 numbers are awarded for each of the above statements which are correct, and a memorandum is made of the points thus gained by the player. But, in addition thereto, the 105 player is required to give a correct statement of similar features of the earth's surface at the part which is immediately under or adjacent to the nail head or other device 18 diametrically opposite to the end of the spring stop, and double "points" are given 110

for correct statements of said features. When the player has made all the statements that he is able and has counted the points therefor, a player at the other end of the
5 runway in turn rolls the globe the full length of the runway and makes similar statements and memorandum. Since some portions of the earth's surface are much
10 more barren than others of geographical features upon which points may be obtained, it becomes the object of skilled players to so roll the ball that, on arriving at the end of the runway, the parts of the earth's surface at which the greatest possible number
15 of features can be scored may be under or immediately adjacent to the front and rear indices respectively. The one scoring the most points is the winner.

The runway must be long enough that a
20 person standing at one end would not be able to read upon the geographical globe at the other end the names of the several features of the earth's surface. I have found a length of eight feet sufficient for this purpose.
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I claim:—

1. A game apparatus comprising a globe, a runway therefor having means for arrest-

ing the globe at either end, and indices arranged to be in position to the globe at each
30 end of the runway, substantially as described.

2. A game apparatus comprising a globe having markings thereon the geographical features of the earth's surface, a runway
35 therefor having means for arresting the globe at either end, and indices arranged to be in position to the globe at each end of the runway, substantially as described.

3. A game apparatus comprising a globe
40 having markings thereon the geographical features of the earth's surface, a runway therefor having means for arresting the globe at either end, a rear index on each arresting means, and a movable front index
45 arranged to move into a position adjacent to the surface of the globe after the globe has passed thereover, substantially as described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing
50 witnesses.

ANNA ZIMDARS.

Witnesses:

FRANCIS M. WRIGHT,
D. B. RICHARDS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."