

No. 848,371.

PATENTED MAR. 26, 1907.

G. A. HUBEN.  
GAME APPARATUS.  
APPLICATION FILED MAR. 31, 1906.

Fig. 1.

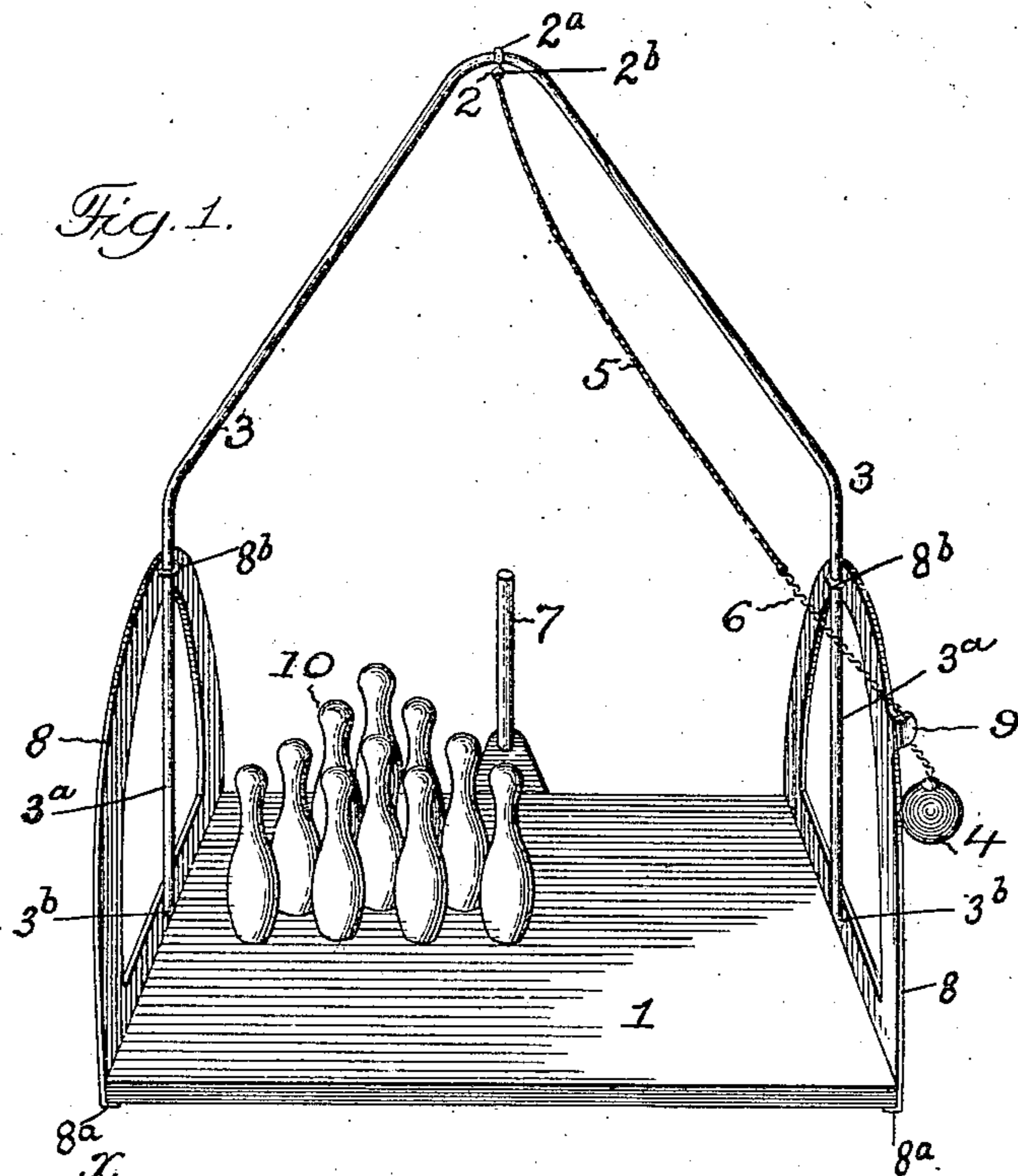


Fig. 2.

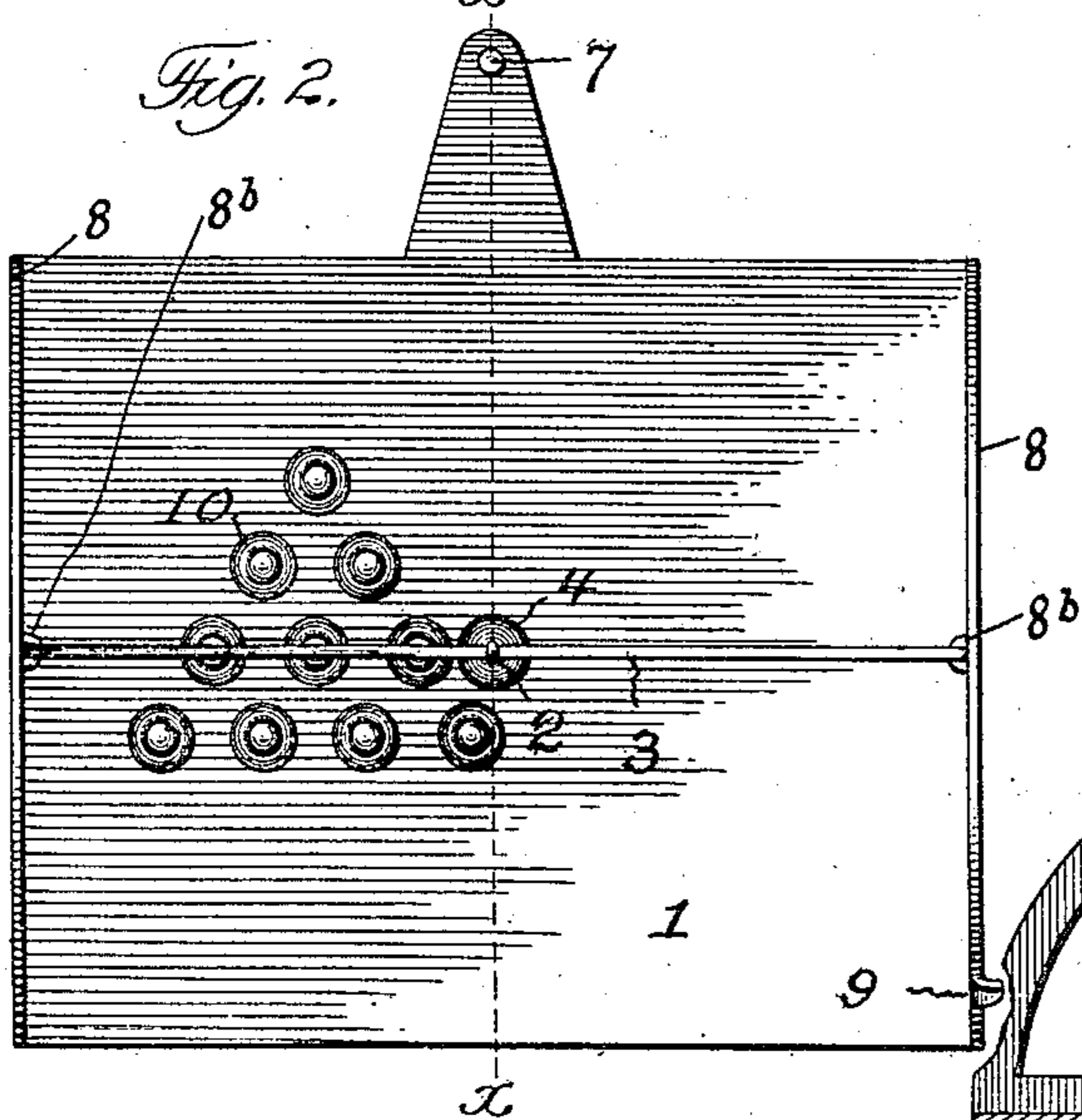
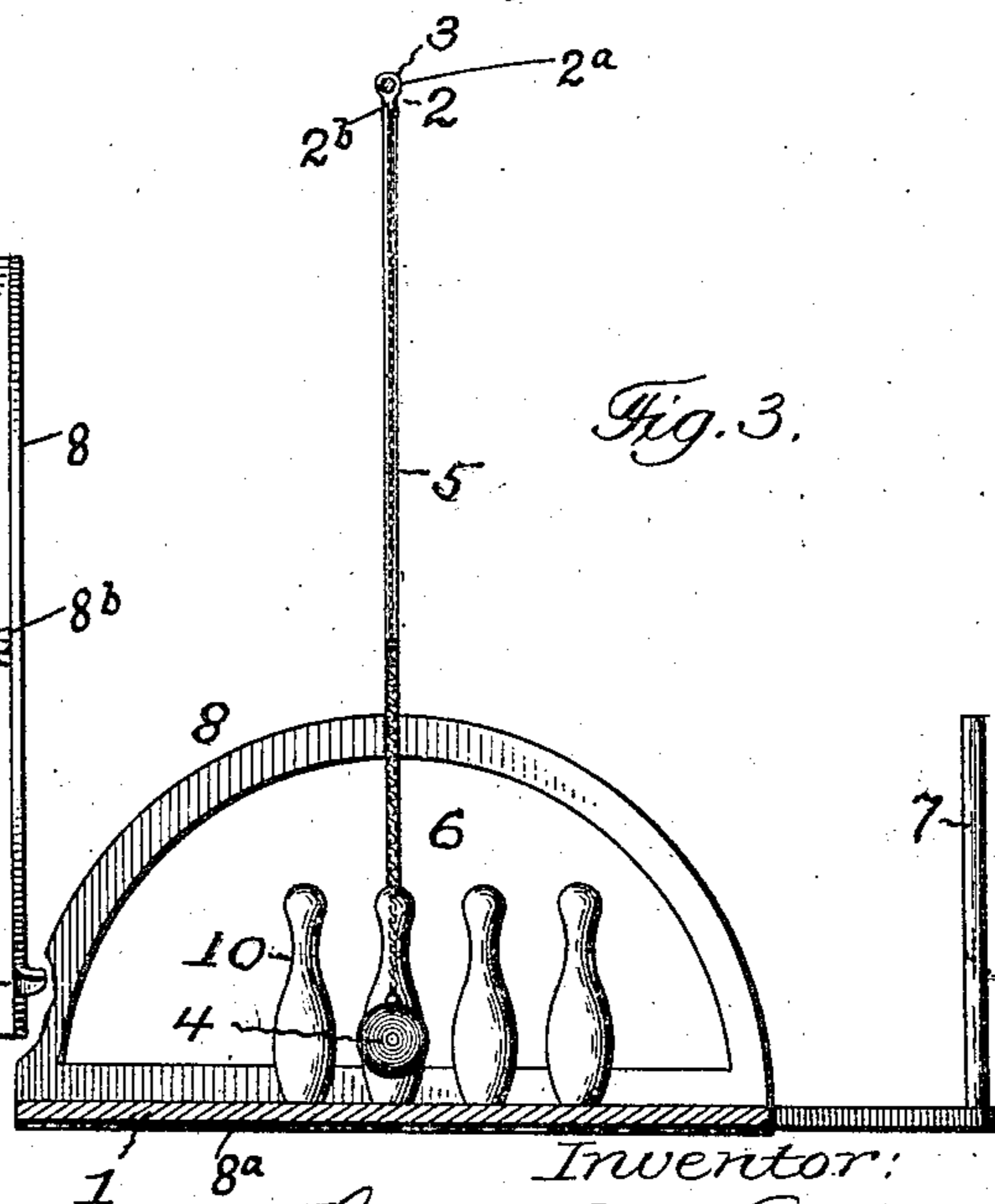


Fig. 3.



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## GAME APPARATUS.

No. 848,371.

Specification of Letters Patent.

Patented March 26, 1907.

Application filed March 31, 1906. Serial No. 309,105.

*To all whom it may concern:*

Be it known that I, GUSTAV A. HUBEN, a citizen of the United States of America, and a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Game Apparatus, of which the following is a specification.

This invention relates to that type of game apparatus in which a manually-actuated swinging ball is used in connection with a set of pins or the like arranged in the path of said ball; and the present improvement has for its object to provide a simple and efficient structural arrangement and combination of parts wherewith a game of difficulty and skill can be played, all as will hereinafter more fully appear.

In the accompanying drawings, Figure 1 is a perspective view of a portable game apparatus embodying the present improvements. Fig. 2 is a plan view; Fig. 3, a longitudinal section on line *x x*, Fig. 2.

Similar numerals of reference indicate like parts in the different views.

Referring to the drawings, 1 represents the bed or floor of the apparatus, which in the portable type of apparatus shown in the drawings will be a flat board and in a stationary type of the apparatus will be the floor of the room or place in which the apparatus is erected.

2 is a hanger having two eyes  $2^a$   $2^b$  at right angles to each other, providing a suspension-point arranged a distance above the floor or bed 1 of the apparatus and which may be secured to the ceiling of the room before referred to or by its eye  $2^a$  to the crown of the arched member 3, secured by its legs  $3^a$  to the sides of the bed 1, the purpose being the same in either instance and affording an elevated point of suspension for the swinging or captive ball, hereinafter described.

4 is a swinging or captive ball suspended from the hanger 2 aforesaid by a flexible connection 5 and adapted when not in use to hang out of contact with the bed 1 and centrally in relation to the width of said bed, as shown. Such flexible connection will usually comprise an upper portion of rope and a lower portion 6 of chain, with a view to attain a connection having a maximum flexibility with ability to withstand wear during long-continued use.

7 is a fixed post arranged upon the floor-

base 1 in the same central relation as the ball 4 and a distance back of said ball, as shown.

8 are longitudinally-arranged segmental side braces attached to the bed or floor 1 by flanges  $8^a$  and to which the respective legs  $3^a$  of the arched member 3 are clamped by suitable clamping-eyes  $8^b$ , as shown, the out-turned ends  $3^b$  of the legs  $3^a$  being inserted into the side braces 8.

9 is an arm or rest formed upon and providing a horizontal catching-hook projecting forwardly from one of the segmental side braces 8 and adapted to catch and hold the swinging ball 4 by the chain part 6 of its flexible connection 5 after a "miss" play by the player, as hereinafter more fully set forth.

The operation and use of the apparatus is as follows: A set of tenpins 10 or the like counterpart objects are arranged in symmetrical relation to one side of the longitudinal center of the bed 1 and in lateral alinement with the center of the swinging or captive ball 4 when the same is at rest, and it is preferable to arrange the pins or objects 10 in the form of an equilateral triangle in manner similar to the ordinary bowling game and the like and with one apex of the triangle in adjacent relation to the center of the ball 4, as shown more particularly in Fig. 2. With the parts thus arranged the player gives a swinging movement to the captive ball 4 in a manner to make the same pass first around the post 7 and in its return strike one or more of the pins 10, the object being to knock down or displace the entire number or as great a number as possible with one or more trials. With a miss on the part of the player the flexible connection 5 strikes the forward end of the segmental side brace 8 to the right in the construction shown and rebounds, swings back, and catches upon the arm 9 to hold the ball 4 away from the pins 10 until released for a succeeding play.

Having thus fully described my said invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a game apparatus, the combination of a stationary bed, an arched member attached thereto, a ball, a flexible connection attached at its upper end to said arched member and at its lower end to said ball, the said connection comprising an upper section of rope and a lower section of chain, a segmental side brace secured to the bed and formed with a forwardly-extending arm pro-

viding a horizontal catching-hook, and a post arranged centrally beyond said ball, substantially as and for the purpose set forth.

2. A game apparatus comprising a station-  
5 ary bed, segmental side braces having flanges whereby they are secured to the bed, an arched member having legs secured to the segmental side braces, a hanger secured over the bed to the crown of the arched member,  
10 and providing a suspension-point, a ball having a flexible connection whereby it is suspended from the hanger, and a fixed post located a distance back of the ball.

3. A game apparatus comprising a station-  
15 ary bed, segmental side braces having clamping-eyes and secured to the bed, an arched member having legs passed through the clamping-eyes and formed with outturned ends inserted into the side braces, a hanger  
20 secured over the bed to the crown of the arched member, and providing a suspension-point, a ball having a flexible connection

whereby it is suspended from the hanger and a fixed post located a distance back of the ball.

4. A game apparatus comprising a bed,  
25 segmental side braces having flanges and clamping-eyes, an arm located upon one of the side braces providing a horizontal catching-hook, an arched member having legs se-  
30 cured by the clamping-eyes, and outturned ends inserted in the side braces, a hanger secured over the bed to the crown of the arched member, a ball having a flexible connection  
35 whereby it is suspended from the hanger, and a fixed post located a distance back of the ball.

Signed at Chicago, Illinois, this 28th day of March, 1906.

GUSTAV A. HUBEN.

Witnesses:

ROBERT BURNS,  
M. H. HOLMES.