

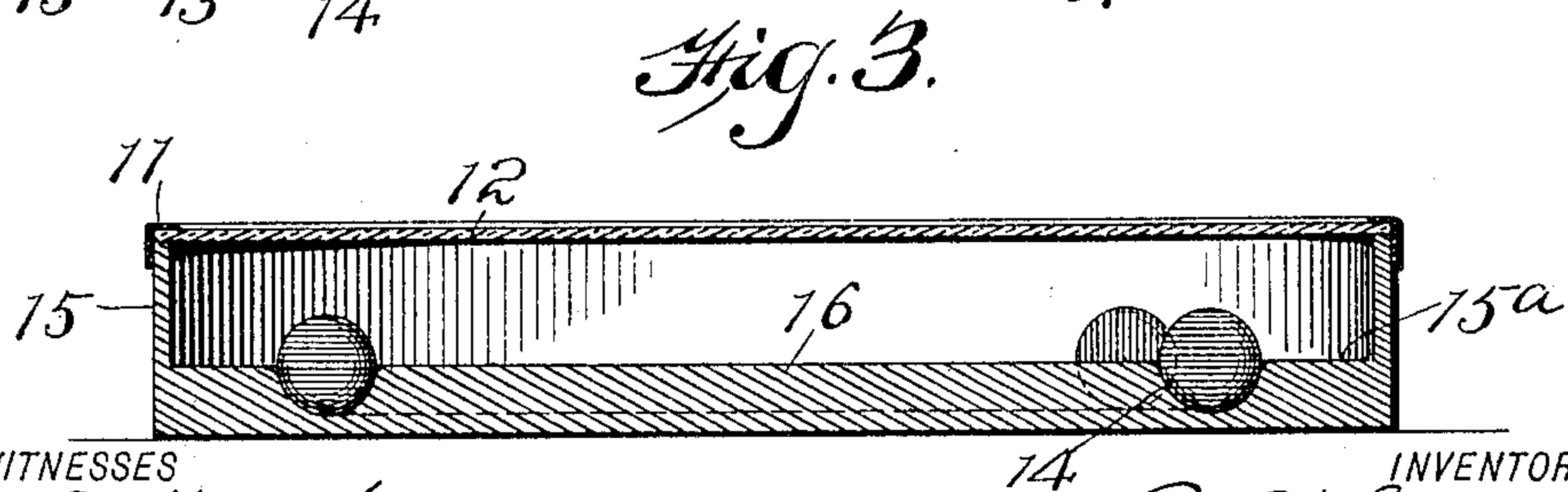
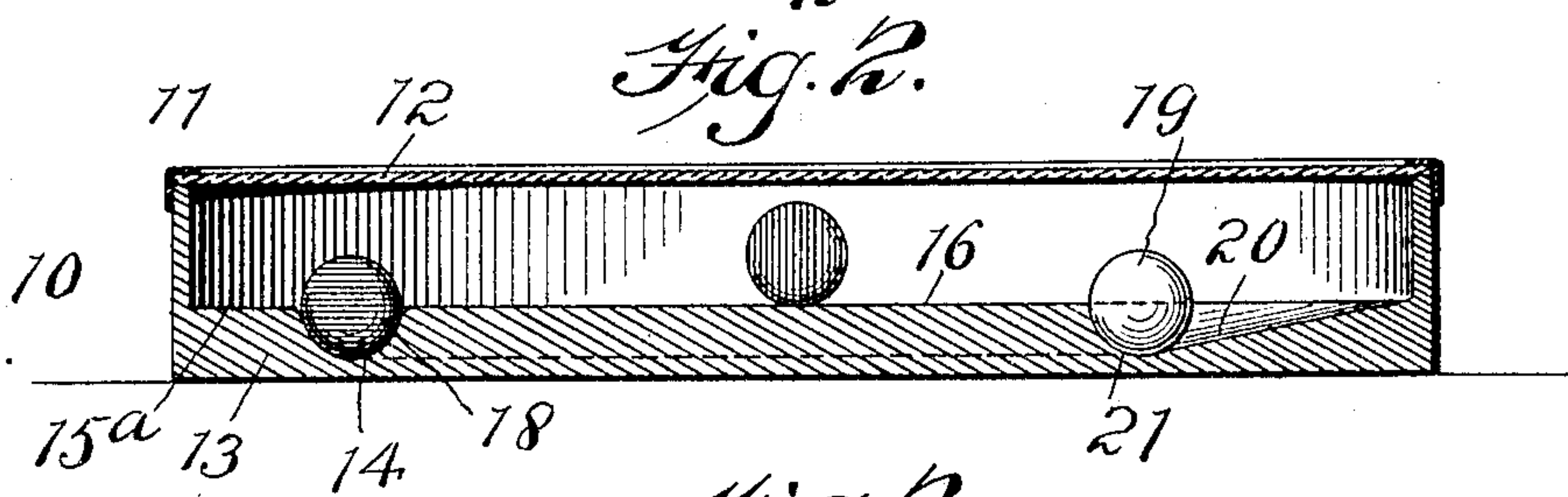
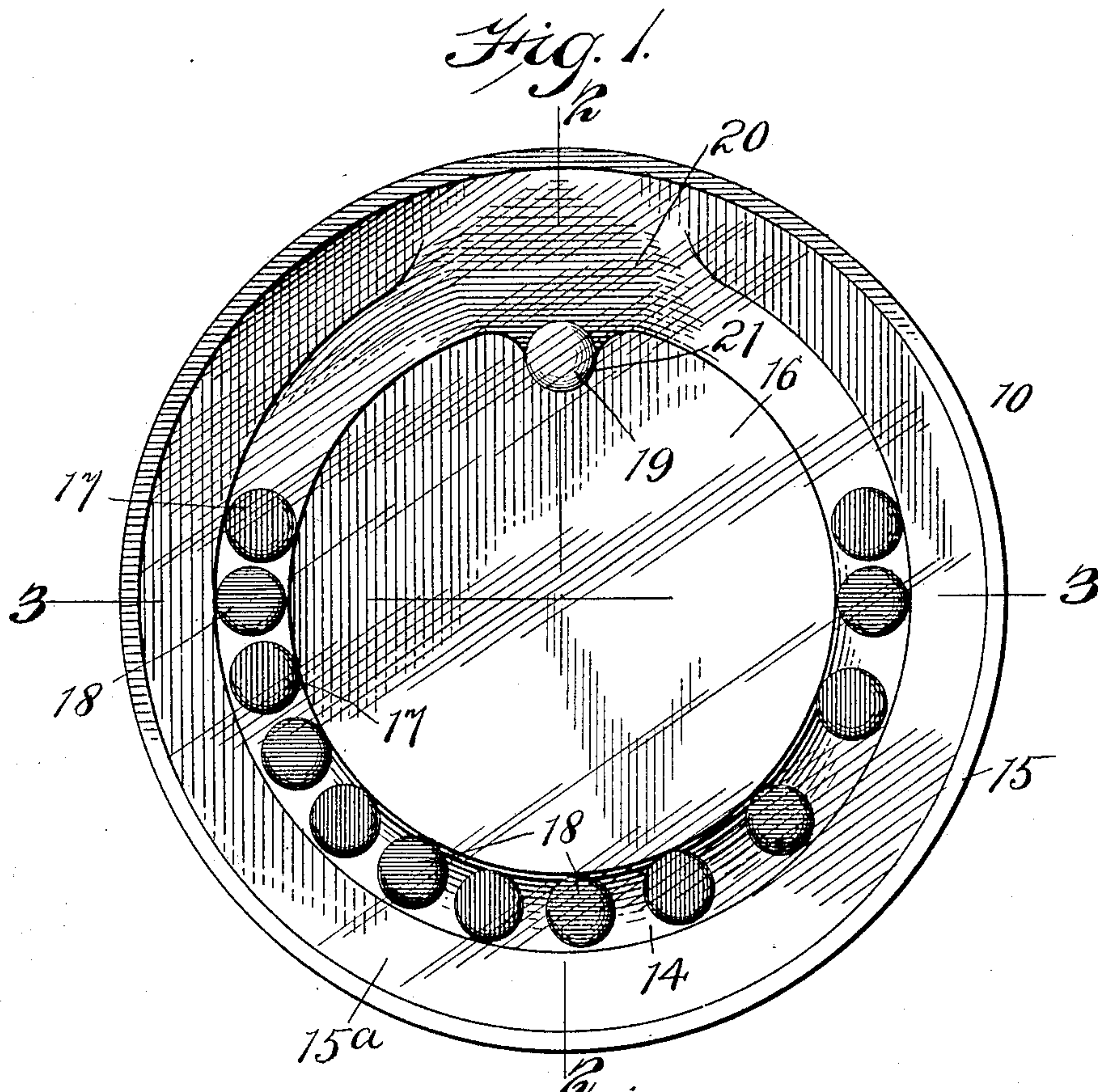
No. 887,590.

PATENTED MAY 12, 1908.

P. W. COHRS.

PUZZLE.

APPLICATION FILED JULY 26, 1907.



WITNESSES

H. J. Dieterich
H. Linahan

INVENTOR

P. W. Cohrs
BY
Criswell & Criswell
ATTORNEYS

UNITED STATES PATENT OFFICE.

PETER WILLIAM COHRS, OF NEW YORK, N. Y.

PUZZLE.

No. 887,590.

Specification of Letters Patent.

Patented May 12, 1908.

Application filed July 25, 1907. Serial No. 385,561.

To all whom it may concern:

Be it known that I, PETER WILLIAM COHRS, a citizen of the United States, and a resident of New York, county and State of New York, have invented certain new and useful Improvements in Puzzles, of which the following is a full, clear, and exact description.

This invention relates more particularly to puzzles in which a plurality of balls are movable in a run-way or track.

The primary object of the invention is to provide a simple and efficient puzzle in which a plurality of balls or other movable objects, which are distinctively marked so as to be readily identified, must be arranged in certain relation with respect to each other before the result sought can be obtained, thereby affording much amusement, and the exercise of skill and steady handling of the puzzle before the objects can be made to assume their proper relative positions.

A further object of the invention is to provide a puzzle which may be cheaply made, and in which the result sought is difficult to accomplish.

The invention will be hereinafter more particularly described with reference to the accompanying drawings, which form a part of this specification, and will then be pointed out in the claims at the end of the description.

In the drawings, Figure 1 is a plan view of one form of device embodying my invention.

Fig. 2 is a vertical section taken on the line 2—2 of Fig. 1; and Fig. 3 is a vertical section taken on the line 3—3 of Fig. 1.

The puzzle has a casing 10 which may be made of wood, card-board, metal or of any suitable material, and of any desired shape, and said casing may be provided with a suitable cover 11 having a glass portion 12 in order to see within the casing 10, though the cover may be of any desired kind, and may be dispensed with if desired.

The casing 10 has its base or bottom 13 provided with a substantially continuous depressed track or run-way 14 spaced a suitable distance from the side wall 15 of the casing 10, so as to provide a track or surface 15^a, and within the depressed track or run-way 14 is a level surface 16. This track 14 may be of any suitable shape whether circular, or other form, and in said run-way is adapted to be arranged a plurality of balls or other movable objects, 17, 18 and 19. As shown there

is only one ball 19 and thirteen other balls, each of which may be of any suitable material. The balls 17 are of one color, as red for example, and the balls 18, blue; while the ball 19 may be white, though these colors may vary, and other means of identifying the respective balls may be employed.

To make the puzzle more difficult, the run-way 14, at 20, is inclined upwardly so as to be substantially flush with the surface 15^a, and permits the balls or objects to become displaced in trying to get them arranged properly and in rotation as they readily pass from the track 14 to the surfaces 15^a or 16 when the casing is held in a certain position. The bottom 13 has a recessed portion 21 extending inwardly from the track 14, which is of a size sufficient to hold one of the balls, as 19 for example, and this recessed portion forms a continuation of the inclined part 20, so that said ball will become displaced unless care is exercised while trying to arrange the other balls in proper relation to each other.

The object of the puzzle is to arrange the balls in certain relation with respect to each other, and it is intended that the balls 17 and 18 should alternate so that there will be a red ball followed by a blue one. The white ball must be placed within the recess 21 formed in the run-way or track 14, and the arrangement of the several balls must be accomplished without handling the balls, and simply by tilting and manipulating the casing.

From the foregoing it will be seen that a simple and efficient puzzle is provided in which much amusement may be obtained in trying to arrange a plurality of balls in certain relation with respect to each other, and so constructing the puzzle that this arrangement of the balls is more or less difficult to accomplish.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:—

1. A puzzle having a base or bottom provided with a substantially circular depressed run-way or track and a recessed part at one point only in said track and an inner level surface within the track, and a plurality of movable objects adapted to be made to assume certain relative positions with respect to each other in said track.

2. A puzzle comprising a casing having an outer wall and a base provided with a substantially continuous depressed track spaced

apart from the outer wall of the casing and having a recessed part and an inclined part extending from said recessed part to the upper surface of the track, and a plurality of
5 differently marked objects adapted to move in said track.

3. A puzzle comprising a casing having an outer wall and a base provided with a substantially continuous circular depressed track
10 spaced from the outer wall of the casing and having a recessed part at one portion of the track and an inclined part extending from

said recessed part to the upper surface of the track, and a plurality of differently colored balls adapted to be made to alternate with
15 respect to each other and one of said balls to be placed in the recessed part of the track.

This specification signed and witnessed this 24th day of July A. D. 1907.

PETER WILLIAM COHRS.

Witnesses:

M. TURNER,
H. LINEHAN.