E. A. LEFEBRE.

GAME APPARATUS.

APPLICATION FILED SEPT. 16, 1912.

1,098,513. Patented June 2, 1914.

Fig. 1

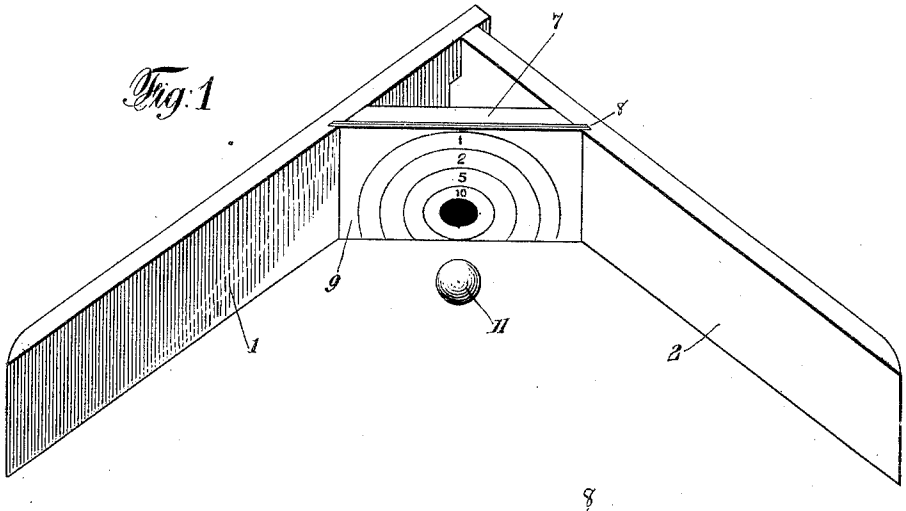


Fig. 2

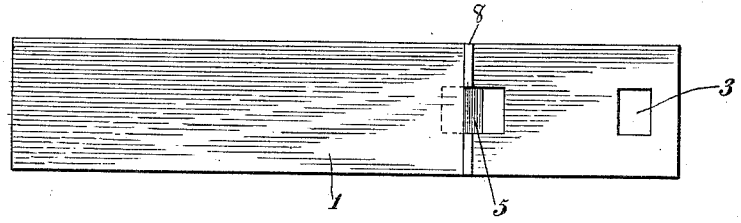


Fig. 3

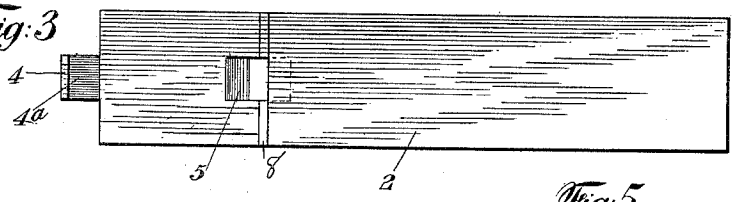


Fig. 4

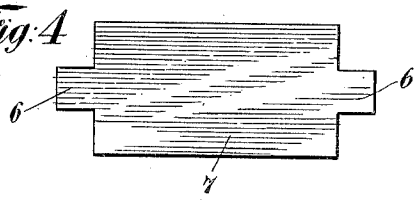


Fig. 5

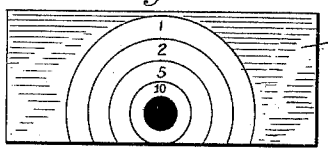


Fig. 6

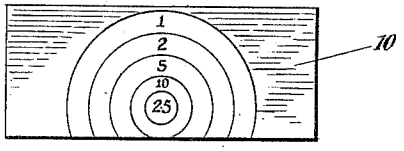


Fig. 7



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GAME APPARATUS.

1,098,513. Specification of Letters Patent. **Patented June 2, 1914.**

Application filed September 16, 1912. Serial No. 720,452.

To all whom it may concern:

Be it known that I, EDWARD A. LEFEBRE, of Brooklyn, in the county of Kings and in the State of New York, have invented a certain new and useful Improvement in Game Apparatus, and do hereby declare that the following is a full, clear, and exact description thereof.

My invention relates particularly to an improvement upon the game of marbles, and similar games.

The object of my invention is to provide a game involving the use of marbles which is adapted to record the shots made by the player, and upon an apparatus which may be conveniently used upon any table or any portion of the floor.

A further object of my invention is to provide an apparatus of this kind which may be readily set up and dismantled, and which is exceedingly simple and cheap to manufacture.

While my invention is capable of embodiment in many different forms, for the purposes of illustration I have chosen one particular form of my invention and have shown it in the accompanying drawings, in which—

Figure 1 is a perspective view of the device shown in the position in which it is ready to be used; Figs. 2, 3 and 4 are plan views of the three parts of the device used for supporting the target; Figs. 5 and 6 are views, respectively, of the outer and inner targets which are supported by the members shown in Figs. 2, 3 and 4, and, Fig. 7 is a plan view of the edge of the target shown in Fig. 5.

Referring to the drawings, I make use of a target support made up of a pair of side pieces 1 and 2. The side piece 1 has near its end a hole 3 to receive a projection 4 having a notch 4^a in one side thereof, carried upon the end of the other side piece 2 to form, in effect, a tenon joint. Each of the side pieces has, furthermore, a diagonally directed hole 5 to receive, in a similar manner, a projection 6 carried upon each end of a transverse support 7. The entire apparatus is maintained in its assembled form, owing to the inclination of the walls of the holes 5 and the notch 4^a, which springs against the side of the hole 3. Each of the side pieces 1 and 2 has a vertical slot 8 adjacent to the transverse support 7, the purpose of which is to receive a pair of flexible targets 9 and 10, preferably made of paper. The target 9 has a black bull's-eye at its center and a plurality of concentric rings, the rear of this target being provided with a surface prepared with duplicating carbon in order to make an impression upon the target 10 in the rear thereof whenever the outer target is hit by a marble 11. It will be noted that the inner target 10 has a white center in order to register the marks made upon the bull's-eye.

The apparatus is easily assembled by holding the side pieces 1 and 2 parallel and inserting the projections 6 upon the transverse support 7 through the diagonally directed holes 5. The side pieces 1 and 2 are then turned into a position at an angle to each other and are locked together by the insertion of the projection 4 into the hole 3. An inner target 10 and an outer target 9 are now placed in the vertical slots 8. The apparatus can then be placed at any point upon a table or upon the floor and used as a target for marbles or any similar missiles or projectiles. Whenever one of the projectiles hits the target 9, the point of impact is indicated upon the inner target 10 by an impression made by the carbon surface between the two targets. When a particular game has been finished, the targets may be removed and a fresh rear target inserted to make a new record for the succeeding game. In this manner a series of records may be automatically obtained showing the accuracy of the shooting of the participants in the game, and the individual will be also thus enabled to ascertain, from time to time, whether or not progress is being made in the accuracy of the shots. The apparatus may be dismantled by a reverse series of operations to those already described. When dismantled, the apparatus occupies a very small space, owing to the fact that it is comprised of a series of short bars or plates of the same thickness and width, and a plurality of targets having the same width.

While I have described my invention above in detail, I wish it to be understood that many changes may be made therein without departing from the spirit of my invention.

I claim:

1. In a device of the character described, a back stop for missiles comprising two

members adapted to be located at an angle to each other and having a bracing member extending between said first mentioned members and attached thereto by tenon joints, the two members being attached together by a tenon joint, the holes of all of said first mentioned tenon joints being inclined to their respective tongues so as to grip the latter.

2. In a device of the character described, a back stop for missiles comprising two members adapted to be located at an angle to each other and having a bracing member extending between said first mentioned members and attached thereto by tenon joints, the two members being attached together by a tenon joint, the holes of all of said first mentioned tenon joints being inclined to their respective tongues so as to grip the latter, the tongue of the tenon joint of said two members having a notch in its side to receive the opposite member.

3. In a device of the character described, the combination of side members secured together, a brace connecting the same, and slots adapted to receive the edges of a target when resting against said brace, said slots being formed in said side members.

4. In a device of the character described, a back stop for missiles comprising two members located at an angle to each other and having a bracing member extending between and attached to said members by tenon joints, the two back stop members being connected by a tenon joint the tongue of which has a notch in its side, all the mentioned tenon tongues extending beyond the surfaces of the members with which they are connected.

In testimony that I claim the foregoing I have hereunto set my hand.

EDWARD A. LEFEBRE.

Witnesses:
THEODORE NEWHOFF,
H. E. NOTEWARE.

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