C. A. LONGWELL.

PARLOR BOWLING ALLEY.

APPLICATION FILED JAN. 18, 1908.

899,115.

Patented Sept. 22, 1908.

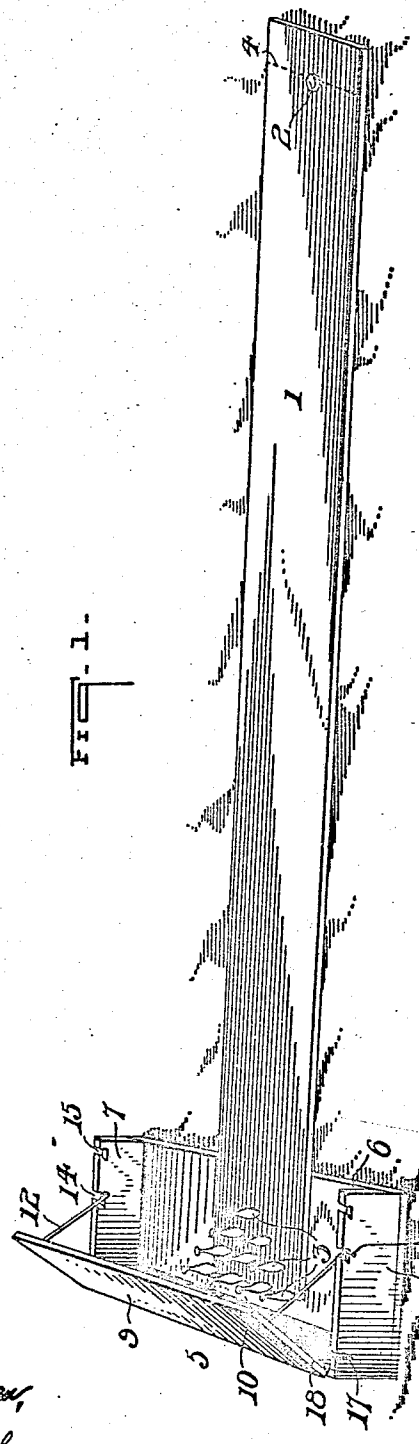


FIG. 1.

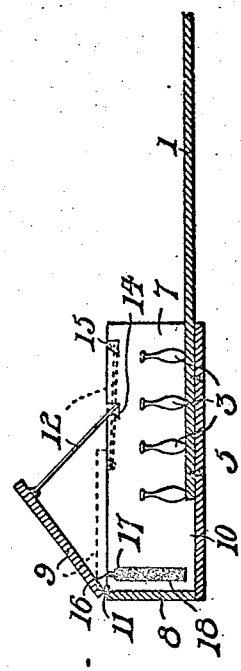


FIG. 2.

WITNESSES:

J. R. Johnson,

Elva Stanicek

INVENTOR

C. A. Longwell

by F. N. Barber

ATTORNEY

THE NORRIS PETERS CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

CHESTER A. LONGWELL, OF PITTSBURG, PENNSYLVANIA.

PARLOR BOWLING-ALLEY.

No. 899,115. Specification of Letters Patent. Patented Sept. 22, 1908.

Application filed January 18, 1908. Serial No. 411,382.

To all whom it may concern:

Be it known that I, CHESTER A. LONGWELL, a citizen of the United States, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented or discovered new and useful Improvements in Parlor Bowling-Alleys, of which the following is a specification.

My invention relates to the game known as bowling or ten-pins and has for its object to provide a game-board and its accessories for playing ten-pins within the limits of a parlor or other small room.

The game-board is portable and light, and preferably contains means for carrying the pins and the bowling piece or pieces.

Referring to the drawing accompanying this specification, Figure 1 is a perspective of my invention with the pins and bowling-piece ready for use, and Fig. 2 is a central longitudinal section of Fig. 1.

On the drawings, 1 represents the alley or slideway, on which the bowling-piece 2 slides or rolls when bowled or driven as hereinafter described. The alley 1 is preferably a narrow board having such a length as to require considerable degree of skill in the players as they drive the bowling-piece 2 from one end thereof to the other where the pins 3 are located. I have made the alley 9 inches wide and 45 long, and find that these dimensions are satisfactory, but it is to be understood that other dimensions may be used to correspond to the age, skill, and desire of the players.

4 represents a transverse line at the outer end of the alley, this line showing the place where the bowling-piece 2 should be placed preparatory to driving the same along the alley. I prefer that the bowling-piece 2 have the form of a disk, as shown, but it may be a ball or ring, if desired. The pins 3 are preferably miniature ten-pins and are preferably arranged in the same manner as in the game of ten-pins, as shown on the drawings.

The inner end of the alley is secured to the bottom of a box 5, having the bottom 6, the sides 7, the end 8, and the lid or cover 9, the front being preferably open from side to side. The alley is so positioned in the box as to leave the gutter or space 10 between the sides of the box and the sides of the alley and between the end of the box and the end of the alley. The lid of the box has preferably the hinges 11 which are connected to the rear edge of the lid and the end of the box so that the lid may be raised as shown on the drawing and form a guard to prevent the pins and bowling-pieces from being driven out of the box. I provide the braces 12 which support the lid in its raised position. Each has one end pivotally secured to the lid and the other end provided with an arm 13 bent outwardly toward the exterior of the box and resting in one or the other of the notches 14 or 15 in the top edge of the sides 7. When the lid is raised the arms 13 rest in the rear notches 14; and when closed, in the front notches 15. The notches have their rear walls inclined downwardly and rearwardly so that in case the lid shall attempt to rise, the arms will catch under the incline and prevent the lid from outward movement.

When the game board is not in use the pins 3 and the piece 2 may be placed in the box and the lid lowered to the position shown in dotted lines, and in case the board be carried with the box down the pins and bowling-piece will be retained in the box, as the inclined rear wall of the notches 15 will securely hold the arms in the notches. In the upper edges of the sides 7 and near the end 8, I provide the open notches 16 in which rest the ends of the rod 17, which has secured thereto the pad or cushion 18, against which the pins and bowling-piece or pieces may strike without injury to them or the box. The rod with the pin may be readily taken out for renewal or other purposes when desired.

The game-board may be placed on a table or other support when it is desired to play a game of ten-pins. The pins are set up in the usual positions at the inner end of the alley 1 and the piece 2 is placed at a selected place on the line 4. The piece is preferably "snapped" at the pins 3 by one of the fingers in a manner well-known. The game is otherwise played like the game of ten-pins and the score may be kept as in the well-known game of that name. Of course, various accessories may be provided to confine the bowling-piece 2. Any number of bowling-pieces may be used differing in size and weight, if preferred.

I claim—

1. In a portable bowling-alley, an alley, a box in which one end of the alley is secured and having its walls provided with notches, a cover arranged when open to increase the

height of the end of the box, a brace pivotally connected to the cover, and an arm carried by the brace, said arm being arranged to enter a notch in the box to hold the cover open, said notch having a downwardly and rearwardly inclined rear wall.

2. In a portable bowling-alley, an alley, a box in which one end of the alley is secured and having its walls provided with notches, a cover arranged when open to increase the height of the end of the box, a brace pivotally connected to the cover, and an arm carried by the brace, said arm being arranged to enter one notch in the box to hold the cover open and the other notch to hold the cover closed.

3. In a portable bowling-alley, an alley, a box in which one end of the alley is secured and having its walls provided with notches, a cover arranged when open to increase the height of the end of the box, a brace pivotally connected to the cover, and an arm carried by the brace, said arm being arranged to enter a notch in the box when the cover is closed, said notch having a downwardly and rearwardly inclined rear wall.

Signed at Pittsburg, Pa., this 14th day of January, 1908.

CHESTER A. LONGWELL.

Witnesses:

ALICE E. DUFF,

ELVA STANIEK.