Jan. 5, 1926. 1,568,852

P. H. KOHLER ET AL

GAME APPARATUS

Filed August 8, 1924

FIG. 1.

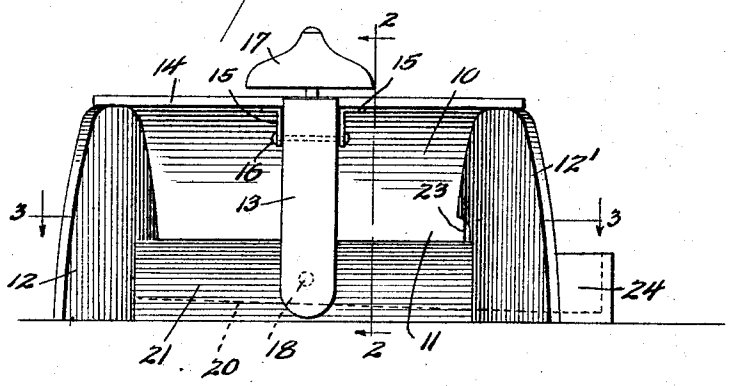


FIG. 2.

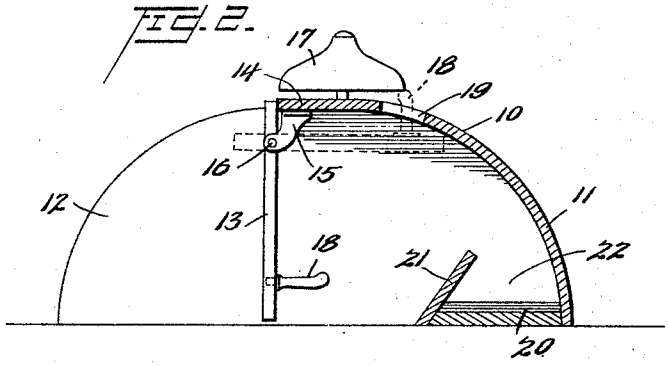
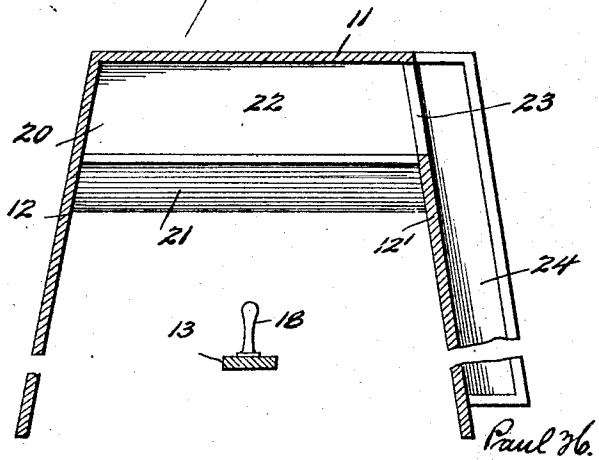


FIG. 3.



Inventor

Paul H. Kohler,
Emil N. Kohler,

By Watson, Cole, Grosvenor & Gridley,

Attorney

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UNITED STATES PATENT OFFICE.

PAUL H. KOHLER AND EMIL N. KOHLER, OF ST. MARYS, OHIO.

GAME APPARATUS.

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To all whom it may concern:

Be it known that we, PAUL H. KOHLER and EMIL N. KOHLER, citizens of the United States, and residents of St. Marys, Auglaize County, State of Ohio, have invented certain new and useful Improvements in Game Apparatus, of which the following is a specification.

This invention relates in general to game apparatus and more particularly to game apparatus intended for the amusement of children and in which a projectile is directed toward a movable peg or target, which upon being struck swings to cause the operation of a signal to indicate that the target has been struck.

It is a general object of this invention to provide an improved form of game apparatus.

It is a more particular object of this invention to provide in a game apparatus of the class described a framework forming a back stop and having means to collect and deliver projectiles directed at it to a convenient point.

It is a further object of this invention to provide in a game of the class described a back stop provided with a support having pivotally mounted thereon a depending peg containing means to operate a signal mounted upon the support when a peg is struck by a projectile.

For a full understanding of this invention reference should be had to the accompanying drawings wherein is disclosed a preferred embodiment of the invention.

In the drawings:

Fig. 1 is an elevation of the invention;

Fig. 2 is a longitudinal vertical section on line 2—2 of Figure 1; and

Fig. 3 is a horizontal section on line 3—3 of Figure 1.

A game constructed according to this invention is intended to provide a back stop containing a target toward which projectiles such as marbles or small balls are adapted to be projected. The apparatus is designed to be placed upon a table, floor or on the ground in order that the flat surface thus provided may serve as an alley over which the balls may be rolled.

The game apparatus proper comprises the back stop 10 including a rear wall 11 and rearwardly converging side walls 12 and 12′ joining the rear wall and defining at the front an opening, in the center of which is pivotally mounted the peg or target 13. As shown in Figure 2, the rear wall 11 may be arcuate in cross section in order to form the overhanging support 14, from the forward edge of which is suspended the peg 13 by means of a pair of brackets 15 suitably arranged on the under side of the support 14 and drilled to receive the pivot 16 which also passes transversely through the peg near its upper end.

As clearly shown in the drawings, the peg 13 comprises a narrow, elongated strip, preferably of wood, having a rounded bottom slightly elevated above the surface upon which the back stop rests. It is adapted to hang with its rear face in substantially the same vertical plane as the forward edge of the support 14 with its upper end abutting against this edge in order to prevent its swinging about the pivot forward of the position shown in Figure 2, but allowing freedom of movement to the position shown in dotted lines in this figure.

Mounted above, and supported from, the support 14 is the bell 17 of any suitable size and shape adapted to be struck by the bell tapper 18 mounted upon the rear face and near the lower end of the peg 13. This bell tapper is preferably formed of metal shaped as shown in Figures 2 and 3, and it is adapted to project through the aperture 19 in the rear wall 11 to strike the lower rear edge of the bell 17 when the peg is hit with sufficient force by a projectile coming from the left as viewed in Figure 2.

In order that the balls or projectiles used in playing the game may be conveniently collected to be used again later, there is provided the bottom wall 20 attached to and projecting forwardly from the rear wall 11, and being inclined slightly downward toward the right as shown by dotted lines in Figure 1. The forward edge of this bottom wall supports the inclined plane or wall 21, extending a considerable distance above the upper surface of the bottom wall 20 and serving to direct the balls upward and into the trough 22, defined by the inclined plane 21, the bottom wall 20 and the rear wall 11. At the right hand end of the trough 22 the side wall 12′ is apertured as shown at 23, in order that the balls running down the inclined surface of the lower wall 20 may pass out through the aperture 23 and be

collected in the trough 24 formed of the outer side of the side wall 12' from which they may be removed from time to time as convenient.

The method of playing this game will probably be obvious from the description. Any number of players may participate, and each in turn projects a ball or marble by throwing, rolling or shooting from a base line in an endeavor to strike the peg and cause the bell to ring. Any suitable score may be assigned to a successful shot, and various methods of scoring and penalties will suggest themselves to those skilled in the art and need not be cited here. It will be obvious that it is necessary to strike the peg squarely and with considerable force in order to cause the bell to ring. The means for collecting the projectiles and retaining them in a convenient position will be readily appreciated.

The apparatus may be constructed of any convenient material, its simple shape making it highly desirable from a manufacturing viewpoint, for it can readily be bent from a single piece of sheet metal such as tin, and thus formed of a minimum number of parts, although it is not desired to restrict the structure to any particular material, shape or size.

Having thus described our invention, what we claim as new and desire to secure by Letters Patent is:

1. In a game apparatus of the class described, in combination, a support, an audible signal mounted thereon and above said support, a peg pivotally mounted on and depending from said support and means on said peg to contact with and operate said signal through said support when said peg is swung about its pivot.

2. In a game apparatus, in combination, a backstop including side walls, a rear wall connecting said side walls, a peg pivotally mounted and carried by said backstop normally in a vertical position, a signal on said backstop and means on said peg adapted to project through said rear wall to operate said signal when said peg is swung.

3. In a game apparatus, in combination, a backstop including rearwardly converging side walls, a rear wall and an upper wall forming a support, a peg pivotally mounted on said support normally in a vertical position, means preventing forward swinging of said peg, a signal on said support and means on said peg to operate said signal when said peg is struck to swing it backward.

4. In a game apparatus, in combination a backstop including side walls, a rear wall, a bottom wall and an upwardly and backwardly inclined wall, said rear, bottom and inclined walls forming a receiving trough for projectiles directed at said backstop.

5. In a game apparatus, in combination, a backstop including side walls, a rear wall, a transversely inclined narrow bottom wall, an upwardly and rearwardly inclined wall at the front of said bottom wall and forming with it and the rear wall an inclined trough for the reception of balls thrown against said backstop, a trough outside of one of said side walls and an opening through said side wall connecting said troughs.

6. In a game apparatus, in combination, a backstop including semi-circular rearwardly converging side walls, a rear wall extending to the top of said side walls and forming a support, a depending peg pivoted near the front edge of said support, a bell mounted on said support, a bell tapper on said peg adapted to cooperate with said bell, a transversely inclined trough in the rear of said backstop, the forward wall thereof being inclined upwardly and backwardly, a ball retaining trough mounted on the outside of one of said walls and an aperture through said wall affording communication between said troughs.

In testimony whereof we hereunto affix our signatures.

PAUL H. KOHLER.
EMIL N. KOHLER.