March 29, 1927. 1,622,877

M. H. McMANN

AMUSEMENT DEVICE

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Fig. 1.

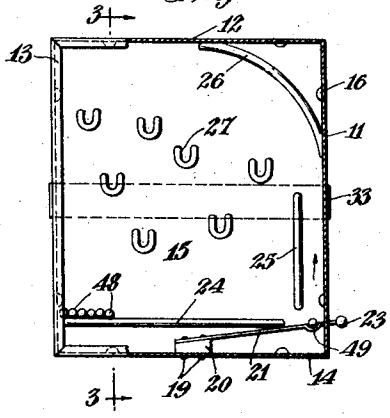


Fig. 2.

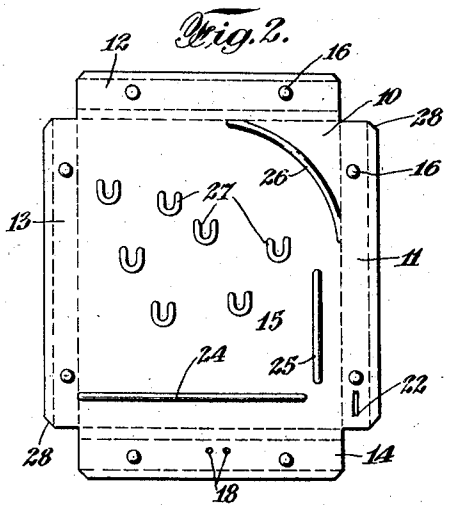


Fig. 3.

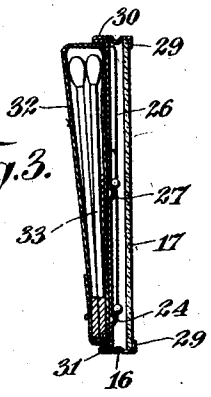


Fig. 4.

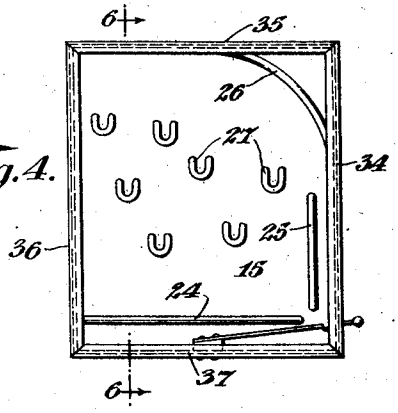


Fig. 5.

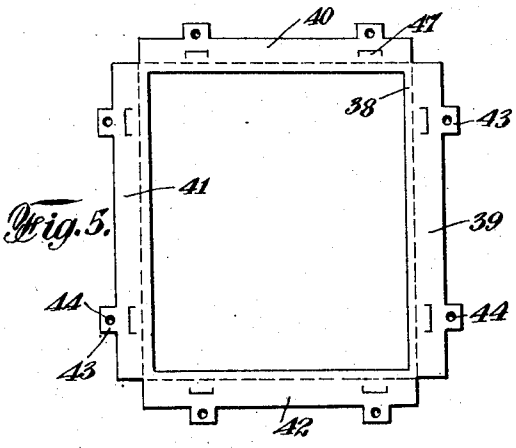
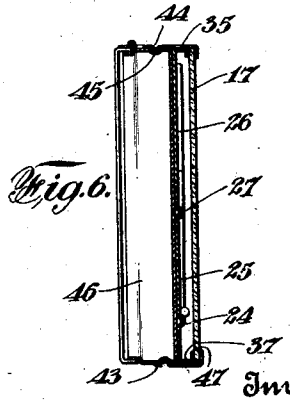


Fig. 6.



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Fig. 7.

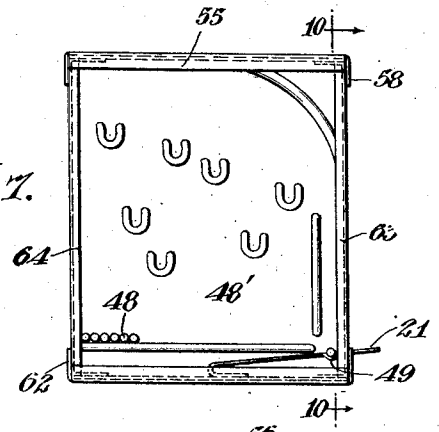


Fig. 8

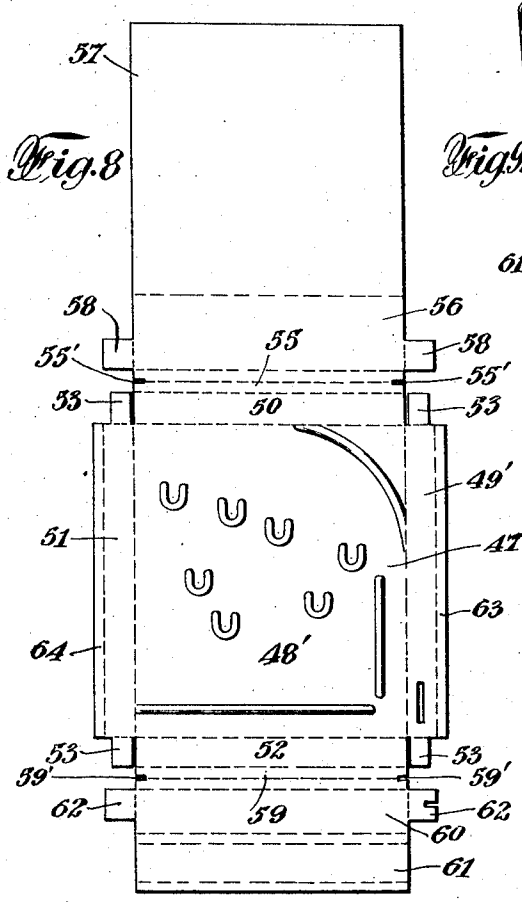


Fig. 9.

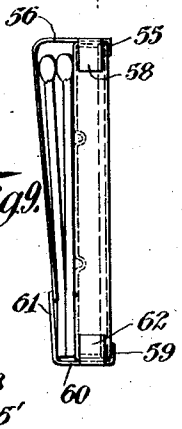


Fig. 10

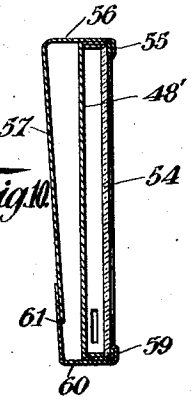
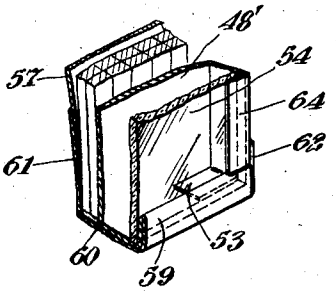


Fig. 11.



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UNITED STATES PATENT OFFICE.

MARGARET H. McMANN, OF NEW YORK, N. Y.

AMUSEMENT DEVICE.

Application filed May 13, 1926. Serial No. 108,768.

This invention relates to an amusement device and more particularly to a game or puzzle adapted to be formed with various articles.

The object of this invention is to provide a novel game or puzzle adapted to be used in combination with other articles, such as match holders, compacts, and the like.

A further object of the invention is to provide a game or puzzle which provides a means for displaying advertisements which are applied thereto.

A further object of the invention is to provide a game or puzzle simple in form and economical to manufacture.

Other objects and advantages of the invention will be understood by reference to the following specification and accompanying drawings, in which—

Fig. 1 is a plan view partially in section of one embodiment of the invention;

Fig. 2 is a plan view of a stamping for forming the device;

Fig. 3 is a sectional view of Fig. 1 on line 3—3;

Fig. 4 is a plan view of a modification;

Fig. 5 is a plan view of a stamping of the modification shown in Fig. 4;

Fig. 6 is a sectional view of Fig. 4 on the line 6—6;

Fig. 7 is a plan view of a further modification;

Fig. 8 is a plan view of a stamping of the modification shown in Fig. 7;

Fig. 9 is a side view of Fig. 7;

Fig. 10 is a sectional view of Fig. 7 on line 10—10, and

Fig. 11 is a perspective view partially in section of the corner formation of the modification shown in Figs. 7 to 10.

In the embodiment of the invention shown in Figs. 1, 2 and 3 a sheet material stamping 10 is stamped on a die-press and is provided with side walls 11, 12, 13 and 14 folded at right angles to the bottom or playing surface 15 to form a box-like structure. The side walls 11, 12, 13 and 14 are provided with indentations 16 protruding inwardly when the box is formed to support the transparent material 17, such as glass or the like.

The wall 14 is provided with holes 18 for rivets 19, which retain support 20 and spring lever 21 in operating position. The spring lever 21 protrudes beyond the side wall 11 through an aperture 22 therein and may be provided with a ball or handle 23.

The straight walls 24 and 25, curved wall 26 and the walls forming the U-shaped ball pockets 27 are struck up or raised above the playing surface 15 by the forming die. The walls 24, 25 and 26 are raised slightly higher than the walls composing the U-shaped pockets 27. The ball pockets 27 have only a slight rise so as to allow the balls to roll over the top and thus escape. The outer side walls are provided with chamfered corners 28 folded at right angles to form a frame 29 to cooperate with the indentation 16 to hold the transparent material 17 in position. The walls 12 and 14 have a double bend which extends beyond the bottom or playing surface 15 forming extensions 30 and 31 to retain the match holder or other article 32 in position with relation to the stamping. A strap or band 33 is attached to the side walls 13 and 14 and spaced from and extending across the outer surface of the bottom so that the paper cover of the match holder can be slipped thereunder, removably attaching the holder to the bottom.

In the embodiment of the invention shown in Figs. 4, 5 and 6 the stamping 10 has the side walls 34, 35, 36 and 37 folded at right angles to the bottom or playing surface 15. A frame 38 stamped from sheet material is provided with side walls 39, 40, 41 and 42, which are folded to encircle the box-like structure. The frame 38 at spaced intervals has extensions 43 provided with indentations 44 which cooperate with indentations 45 of the article 46, in this instance, a compact forming a removable connection therewith. The side walls 39, 40, 41 and 42 have cut-out tabs 47 which are bent inwardly and parallel to the frame for spacing and holding the transparent material.

In the embodiment of the invention shown in Figs. 8 to 11 inclusive a sheet stamping 47 is provided with a playing surface 48′ on one side and the opposite side serving as a backing for the article attached thereto, such for example, as a match holder as illustrated. The side walls 49′ and 51 have attached thereto the tabs 53 which are folded inwardly to support the transparent material 54. Integral with the wall 50 is the double fold section 55 which forms an upper portion of the frame for retaining the transparent material 54 against the tabs 53, the top section 56 and the cover or tab

57. The top section has tabs 58 for retaining the folded sections in position. Integral with the side wall 52 is double fold section 59, which forms a lower portion of the frame for retaining the transparent material 54 against the tabs 53, the bottom section 60 and the folded section 61 which carries the abrasion material in this instance, for igniting the matches. The bottom section is provided with tabs 62 for retaining the folded sections in folded position. The side walls 49 and 51 have folded sections 63 and 64 which complete the frame for retaining the transparent material adapted to be slipped within slots 55′ and 59′ to receive the frame in folded position as shown in Fig. 11.

The game or puzzle illustrated is to roll the balls or small shot 48 into the cup-shaped recess 49 of the spring lever 21. The spring lever 21 when operated propels the ball 48 through a guide passage formed by the outer wall 11 and the raised wall 25. The ball follows the curved wall 26 where it loses momentum and is deflected to the playing surface in the neighborhood of the pockets 27. The pockets are formed by walls slightly rounded so that a very slight disturbance will dislodge the ball from the pocket. Furthermore, if the ball has too much momentum when it strikes the pocket it will roll over the wall and take its place with the remaining balls at the retaining wall 24.

While this invention is shown and described more particularly with reference to a specific form of game it is not so limited, and various changes can be made in the form, dimensions and arrangement of the parts without departing from the invention or sacrificing the advantages thereof.

I claim:

1. In an amusement device the combination with a sheet stamping having a folded portion for securing objects to one side thereof, of a game on the opposite side having a playing area formed by a folded portion of said stamping, and a transparent cover for the playing area retained in position by said second named folded portion.

2. In an amusement device the combination with a sheet stamping having means for securing objects to one side thereof, of a game formed from said stamping having a playing surface on the opposite side of said stamping, side walls surrounding said playing surface, a raised wall within said playing surface parallel to one of said side walls to provide a passage therebetween, a curved raised wall leading from said side wall, a plurality of pockets each formed by a raised U-shaped wall, spherical members permitted to freely roll over said playing surface, and a propelling device for propelling the spherical members through said passage against said curved wall and to the playing surface.

3. In an amusement device the combination with a sheet stamping having means for securing objects to one side thereof, of a game formed from said stamping having a playing surface on the opposite side of said stamping, side walls surrounding said playing surface, a raised wall within said playing surface parallel to one of said side walls to provide a passage therebetween, a curved raised wall leading from said side wall, a plurality of pockets each formed by a raised U-shaped wall, spherical members permitted to freely roll over said playing surface, and a lever provided with a pocket for holding said spherical members for propelling the spherical members through said passage against said curved wall and to the playing surface.

4. In an amusement device a sheet stamping having a portion provided with raised walls to form a playing surface for a game, side walls folded to surround said playing surface, two of said side walls having double folds forming extensions for securing objects to said sheet on the opposite side of said playing surface.

5. In an amusement device a stamping of sheet material having a flat playing surface, side walls surrounding said playing surface, two of which have a double fold providing means for securing objects to the sheet material.

6. In an amusement device a sheet stamping having a portion provided with raised walls to form a playing surface for a game, side walls folded to surround said playing surface, a sheet of transparent material retained in position by said side walls over said playing surface, two of said side walls having double folds forming extensions for securing objects to said sheet stamping on the opposite side of said playing surface.

7. In an amusement device a sheet stamping having a portion forming a playing surface for a game, side walls folded to surround said playing surface, two of said side walls having double folds, one forming a retaining section and the other a cover for said retaining section, said retaining section and cover extending on the sheet stamping on the opposite side of said playing surface.

MARGARET H. McMANN.