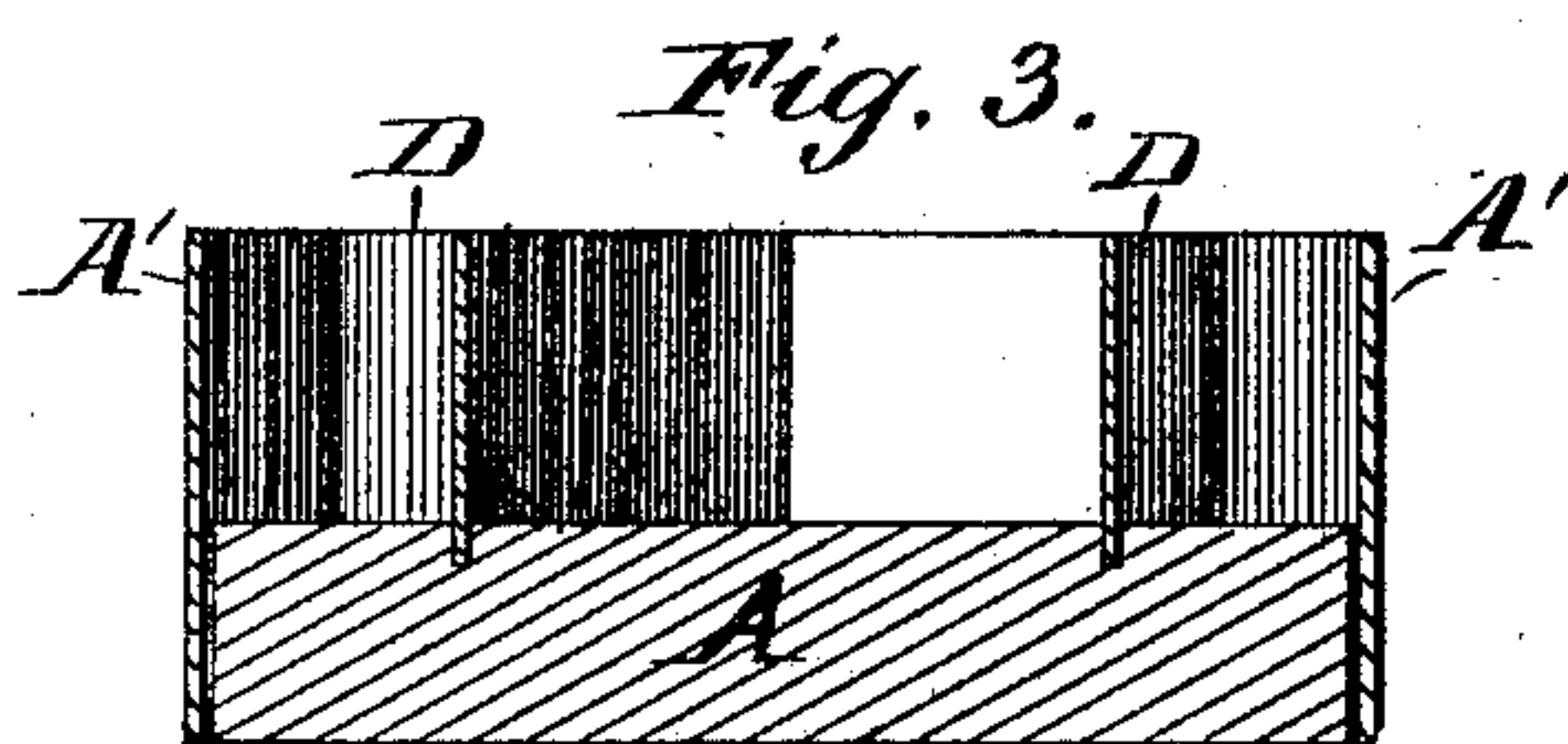
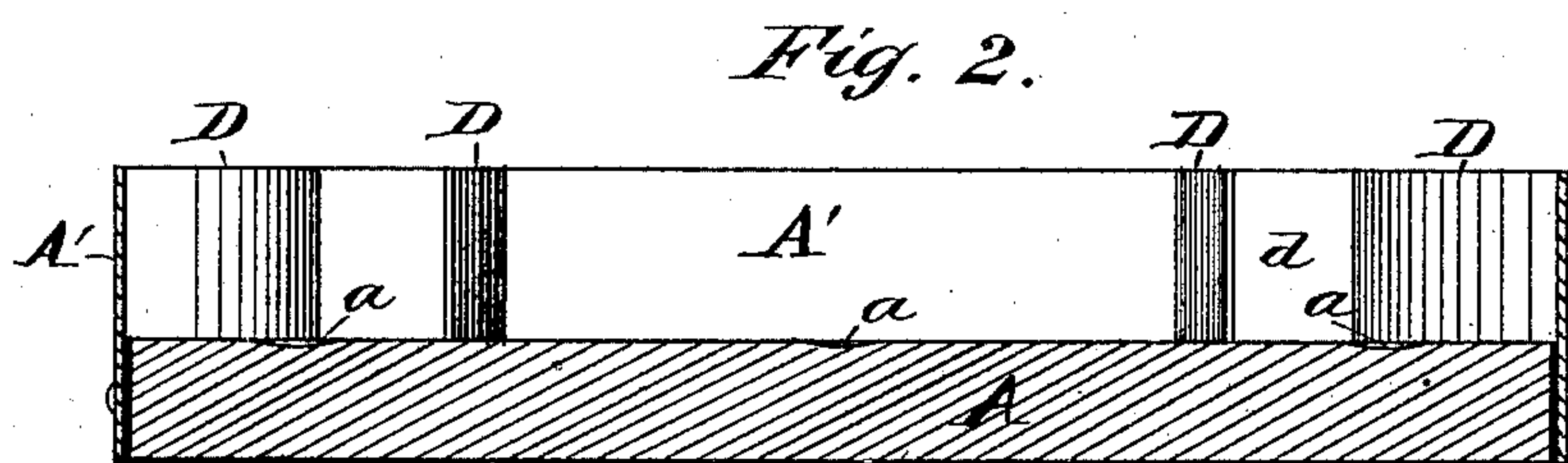
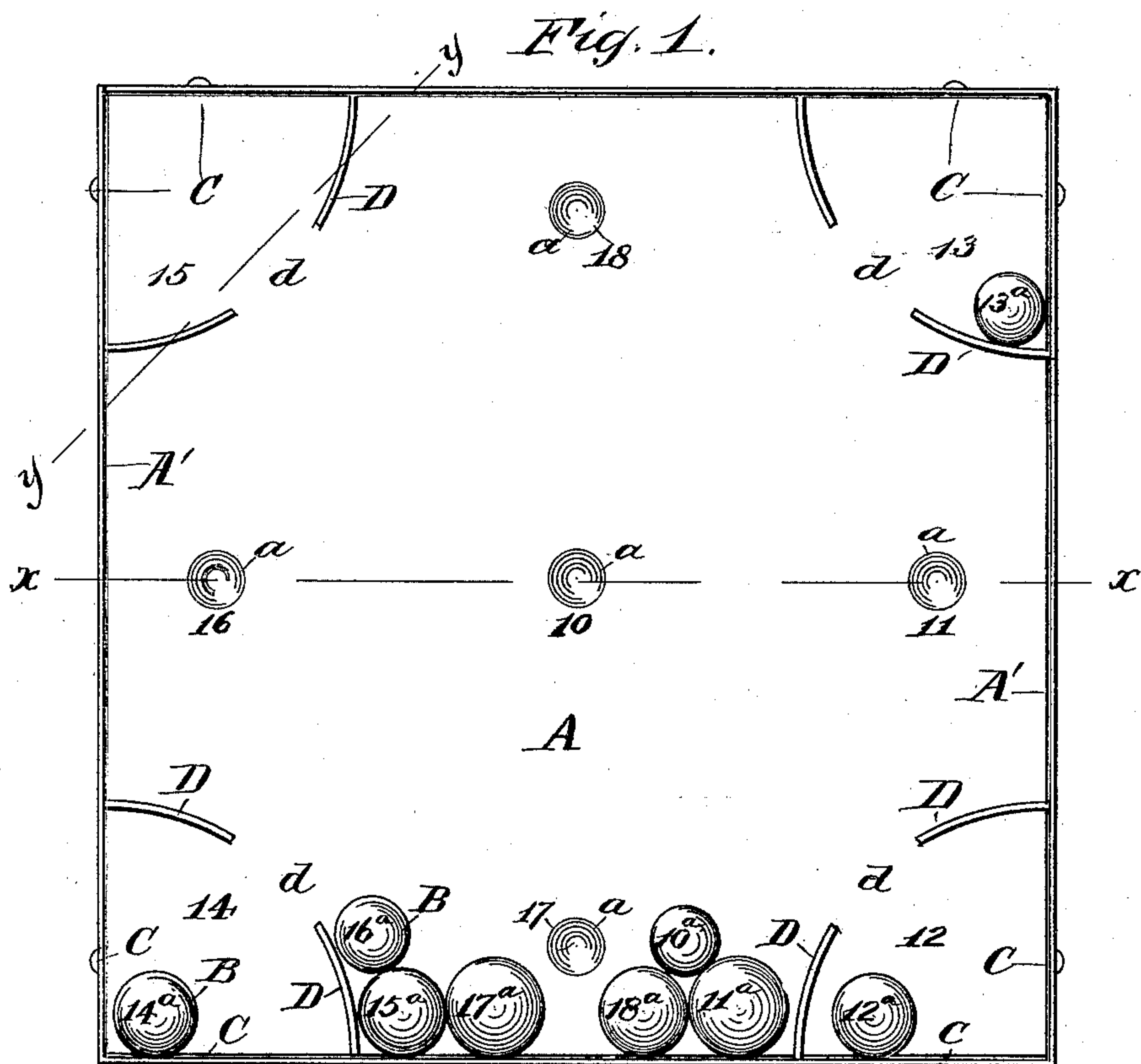


(No Model.)

G. W. NUSBAUM.
TOY.

No. 409,421.

Patented Aug. 20, 1889.



WITNESSES:

Chas. Lurcott
C. Sedgwick

INVENTOR

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UNITED STATES PATENT OFFICE.

GEORGE W. NUSBAUM, OF LEHIGHTON, PENNSYLVANIA.

TOY.

SPECIFICATION forming part of Letters Patent No. 409,421, dated August 20, 1889.

Application filed April 11, 1889. Serial No. 306,819. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. NUSBAUM, of Lehighton, in the county of Carbon and State of Pennsylvania, have invented a new and Improved Toy, of which the following is a full, clear, and exact description.

The invention consists in the novel details and combinations of parts hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a plan view of a toy embodying my invention. Fig. 2 is a vertical section on the line $x x$, Fig. 1, and Fig. 3 is a vertical section on line $y y$, Fig. 1.

The invention consists of a flanged board or box-like structure, having certain portions thereof or points thereon separately marked or indicated, as by different colors, and a series of balls or marbles bearing distinguishing marks or designations corresponding to the designated points on the board.

The invention also comprises, in the preferred form, the flanged board or box-like structure, formed with a series of depressions and a series of pockets or pens around the sides or edges of the board, and a series of balls or marbles corresponding in number to the combined number of depressions and pockets.

Referring to the parts, the bottom board or plate A is provided with the raised flange A', forming a box-like structure adapted to contain a series of balls or marbles B. At each corner of the box-like structure A A', or at other desired points around the same, the pockets or pens C are formed by the partitions D, said partitions being formed with an opening d , which openings d are formed on lines radiating from the center, each opening facing that of the opposite pocket, whereby, when the box is tilted to direct a marble into a pocket, any ball that may be in the opposite pocket will have a tendency to escape therefrom.

In the bottom A are formed the depressions a , which are arranged a distance from the entrances of the pockets sufficient to not impede a ball or marble directed to the pocket.

etc. In the present instance the depressions are five in number, arranged in cruciform, there being a depression for the extremities of each line or arm of the cross and one at the center or intersection of the lines. The marbles are each differently colored or otherwise given a separate distinguishing-mark from its fellows, and the depressions and pens are correspondingly colored or marked. The depressions and pens thus define the point or portion of the board on or to which the different marbles belong. In use the object to be accomplished is to bring the marbles onto or into their proper place without directly moving them with the fingers.

The movement of the box necessary to direct a marble into a pen or pocket will have a tendency to cause a marble in the opposite pocket to escape therefrom, and a marble seated on a depression will have a tendency to roll therefrom at any movement of the box either in directing a marble to another depression or to a pocket. Thus considerable skill is required to direct all the marbles to their proper places.

I have distinguished the depressions and pockets and their corresponding marbles by the series of numbers 10 10^a to 18 18^a, though in practice, as explained above, they may be distinguished by being correspondingly colored.

I am aware that it is old to construct a toy consisting of a box formed with a series of concentric ways having openings at opposite points thereon, a pen or pocket being located at the center of such box to receive marbles or balls, and I do not claim the same.

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

1. The herein-described toy, consisting of the board having flanges or sides surrounding the same, pockets arranged at diagonally-opposite points, each pocket having an opening therein, depressions made in the board at the center and at diametrically-opposite points, said pockets and depressions being differently marked, and a series of balls corresponding in number to the number of pockets and depressions collectively, each ball having a mark corresponding to that of a certain pocket or

depression, substantially as shown and described.

2. The herein-described toy, consisting of the rectangular board A, having the sides or flanges A', the pockets D at each corner, having openings *d* opening into the box-like structure, the depressions *a*, arranged between the pockets and at the center of the board, each pocket and depression having a certain
5 mark, and a series of balls B, corresponding

in number to the sum of the pockets and depressions, and each ball having a mark corresponding to the mark of a certain pocket or depression, substantially as shown and described.

GEO. W. NUSBAUM.

Witnesses:

H. H. PETERS,

F. I. SMITH.