No. 615,188. Patented Nov. 29, 1898.

J. KING.

GAME TOY.

(Application filed Aug. 15, 1898.)

(No Model.)

Fig. 1.

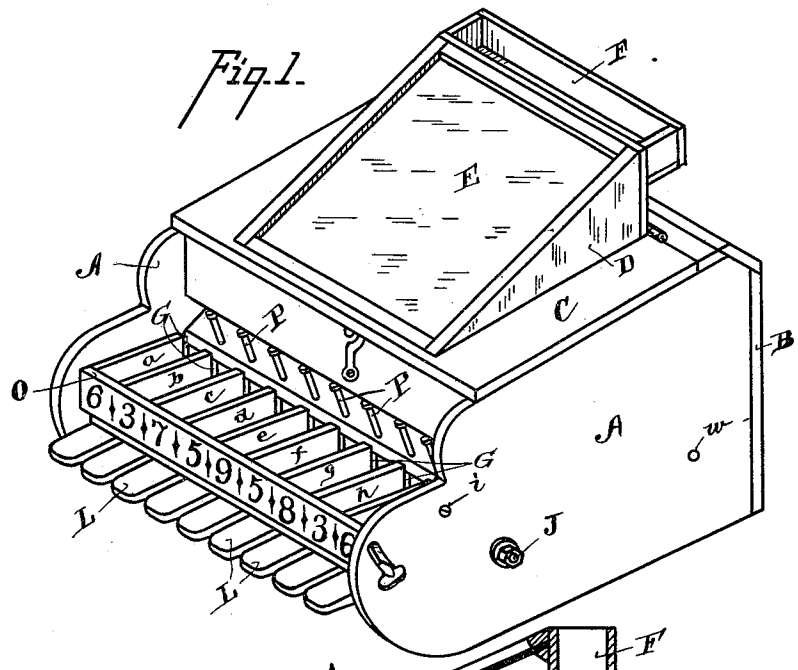
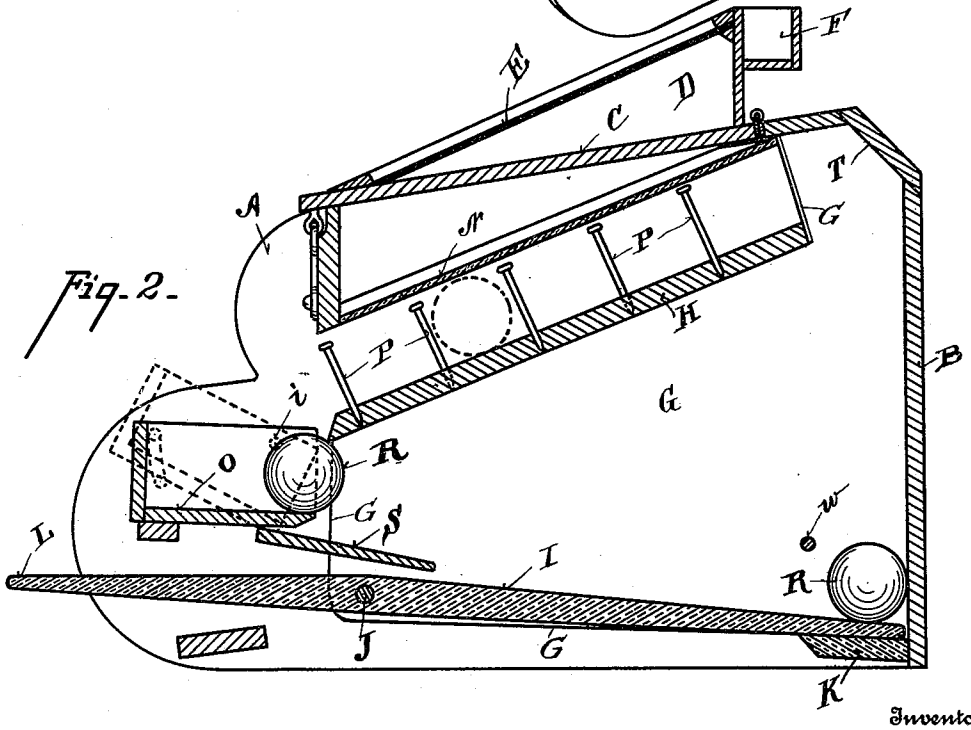


Fig. 2.



Witnesses

Oliver B. Kaiser

E. L. Mills

Inventor

John King

by D. R. Mowrey

Attorney

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JOHN KING, OF SIDNEY, OHIO, ASSIGNOR TO JOSEPH KING, OF SAME PLACE.

GAME TOY.

SPECIFICATION forming part of Letters Patent No. 615,188, dated November 29, 1898.

Application filed August 15, 1898. Serial No. 688,566. (No model.)

To all whom it may concern:

Be it known that I, JOHN KING, residing at Sidney, Shelby county, State of Ohio, have invented certain new and useful Improvements in Game Toys, of which the following is a specification.

The object of my invention is to provide a game toy which is simple in operation, novel, and attractive.

The features of my invention are more fully set forth in the description of the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective view of my invention. Fig. 2 is a longitudinal vertical section of the same.

A represents the sides of the device; B, the back.

C represents the cover, hinged, preferably, to the back. D represents a desk supported on said cover; E, a slate or tablet supported thereon.

F represents the ball-holding receptacle.

The frame of the device is divided into several longitudinal compartments by means of partitions G. The number may be varied at pleasure. Within the compartments formed by these partitions are arranged a series of levers I, preferably pivoted to a common rod J. These levers are supported at their rear ends upon the stop-rail K. The forward ends of these levers project out in front of the device sufficiently far to form finger-keys L. Upon the partitions G is mounted an incline H. P represents a series of pins inserted in said incline and projecting above the same.

N represents a covering, preferably of glass, secured to the cover. In front of the compartment formed by partitions G, I provide a swinging compartment-frame O, which is pivoted to the sides of the frame by pins *i*. This frame is provided with a series of longitudinal partitions *a b c*, &c., registering with the partitions G and forming secondary compartments over the keys L, their rear open ends terminating in front of and just under the incline H.

Operation: R represents a ball or marble of a size to enter the several compartments freely. The balls are placed in the compartments *a b c*, &c. The frame O is rocked, which allows the balls to depend upon the incline S and roll down by gravity to the rear end of the lever. The frame O drops back into position. A pressure or stroke upon the finger-keys L will lift the levers I against stop *w*, which shoots the balls up, and they catch upon the rear end of incline H. In order to give the proper direction to the balls, the rear end of the device is provided with an inclined top piece T, against which the balls are thrown and directed onto the incline H. The balls in rolling down this incline strike the pins at random, finding a devious downward course, dropping into the partitions *a b c*, promiscuously distributed among these several compartments, each compartment being numbered. When the player strikes a key and the ball finds its way into its compartment, the number indicated by that compartment is chalked up on the board, and the score is thus kept. The numbers may be selected at random; but I prefer selecting the numbers so as to afford practice to children in addition, which gives them great facility in rapidly adding numbers. There is enough variety and interest in the game to make this a willing task.

To add variety to the game, some of the compartments may be numbered "0," so as to register a blank, or some may be given a minus sign to give the results greater scope as a mathematical game, which forms a valuable educational toy for children.

Having described my invention, what I claim is—

1. A game toy consisting of a box provided with a series of partitions, a series of levers pivoted therein, an incline pin-board forming the covering for said partitions, and a secondary compartment arranged above and in front of the inclines, and adapted to receive balls shot upward and forward upon said incline, substantially as described.

2. A game toy consisting of a box provided with a series of partitions forming longitudinal compartments, a series of levers pivoted in said compartments, the front ends forming finger-keys, an inclined top provided for said box and studded with pins projecting from the surface thereof, a compartment-tray provided with longitudinal partitions pivoted in

front of said box above the pivoted keys and below the inclined top, substantially as specified.

3. A game toy consisting of a box provided with a series of longitudinal partitions dividing said box into longitudinal compartments, a pivoted key in each compartment, the forward ends projecting in front of the box, a top for the box provided with pins projecting from the surface thereof, a secondary compartment-tray pivoted to the front of said box below the pin-board and above the lever-keys, said compartments having arranged thereon a series of numbers, substantially as specified.

4. A game toy consisting of a box provided with a series of longitudinal compartments, a series of lever-keys pivoted therein and inclined from the front of the box toward the rear, an inclined pin-board provided in the top of said box, a secondary tray provided with numbered compartments registering with said first-named compartments, said tray being pivoted to said box below the pin-board and above the inclined lever-keys, substantially as specified.

5. A game toy consisting of a box provided with a series of longitudinal compartments, a series of lever-keys pivoted therein at the front end of the box, an inclined pin-board supported above said compartments, a secondary compartment-tray pivoted to said box below the pin-board and above the lever-keys, the said compartments being each adapted to receive a marble, the pins on said pin-board being adapted to pass marbles between them, and a passage provided between the rear end of the pin-board and the back of the box adapted to pass a series of marbles upward onto the pin-board, substantially as specified.

6. A game toy consisting of a box provided with a series of longitudinal partitions, a series of lever-keys pivoted therein and extending in front of the box and to the rear of each compartment, an inclined pin-board supported above said compartments, a series of balls for said compartments, said box being provided with a space between the rear end of the pin-board and the back of the box adapted to pass said balls, a secondary compartment-tray provided with longitudinal partitions registering with the partitions of the box, said tray being pivoted below the inclined pin-board and the lever-keys, an inclined board for each compartment underneath the secondary tray, adapted to pass the balls to the rear of the box from the secondary tray, and a desk provided with a slate supported on said box, substantially as specified.

In testimony whereof I have hereunto set my hand.

JOHN KING.

Witnesses:
CHAS. C. MARSHALL,
J. F. RICHESON.