

(No Model.)

W. C. DUNN.  
GAME APPARATUS.

No. 432,160.

Patented July 15, 1890.

Fig. 1.

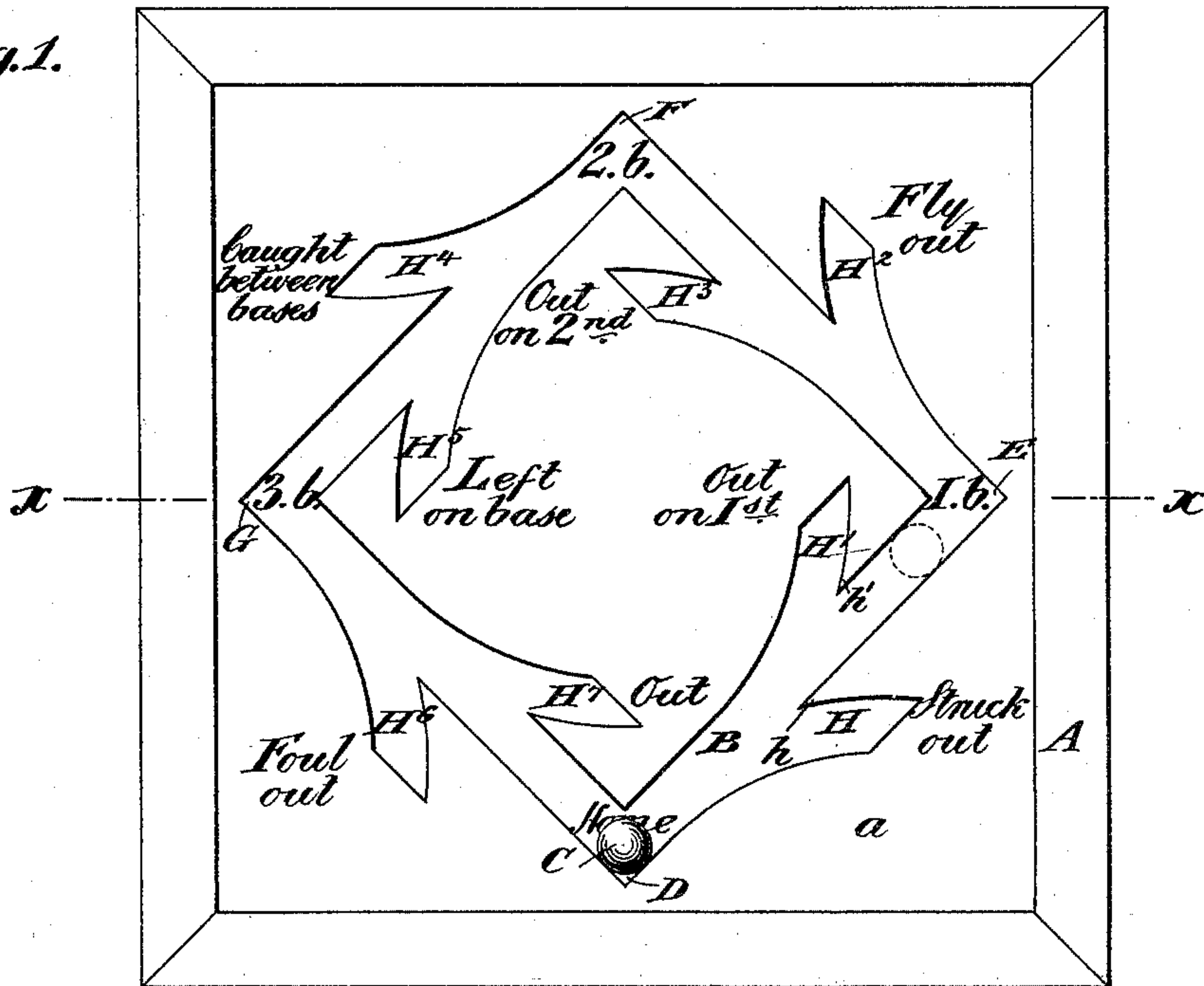
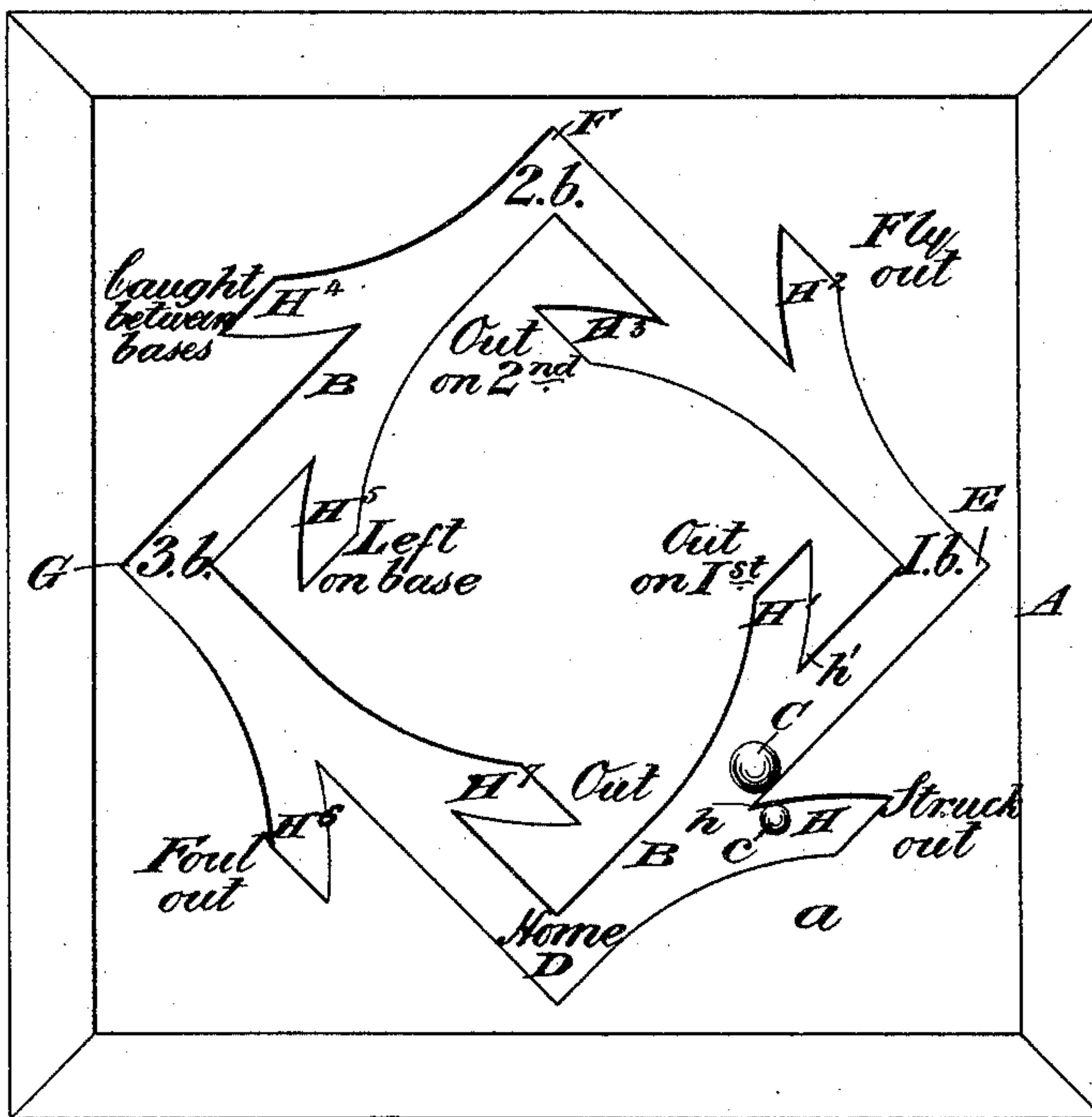


Fig. 2.

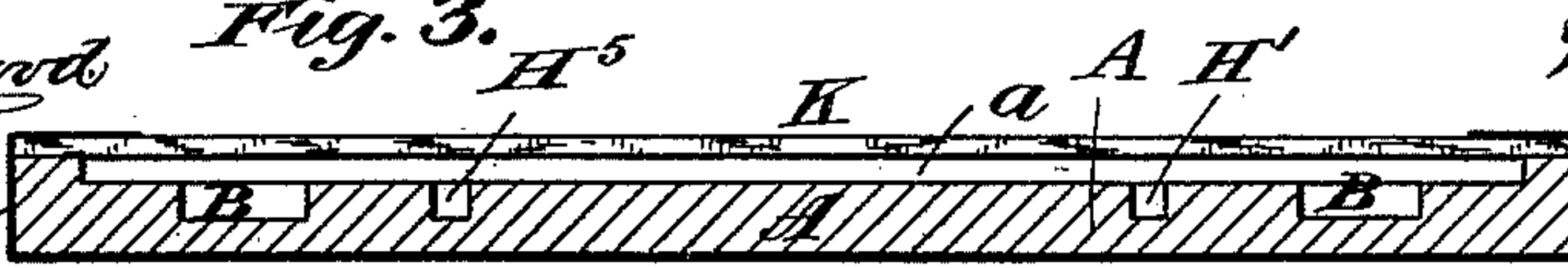


Witnesses:-

A. H. Hayward

C. Lundgren

Fig. 3.



Inventor:

William C. Dunn

by his attorneys

Brown & Seward

# UNITED STATES PATENT OFFICE.

WILLIAM C. DUNN, OF BROOKLYN, NEW YORK.

## GAME APPARATUS.

SPECIFICATION forming part of Letters Patent No. 432,160, dated July 15, 1890.

Application filed April 3, 1890. Serial No. 346,410. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM C. DUNN, of Brooklyn, in the county of Kings and State of New York, have invented a new Improvement in Game Apparatus, of which the following is a specification.

A practical embodiment of my invention is represented in the accompanying drawings, in which—

Figure 1 is a plan view showing the parts in position for starting. Fig. 2 is a plan view showing the parts in the position which they may assume after the game is started, and Fig. 3 is a vertical section through the line *xx* of Fig. 1.

I have shown an endless path in the form of a diamond corresponding to the path traversed by a player in running bases in the well-known game of base-ball, and have provided the path intermediate the bases with cut-outs on opposite sides thereof to represent different features of the game of base-ball, and have indicated the points at the angles of the diamond as bases corresponding to the bases of the said game.

A represents a frame conveniently provided with a depressed flat central portion *a*, in which an endless groove B is formed. The groove B forms the path along which a globule of mercury C is to be made to travel by tilting the frame A at a suitable angle. When the path is of a polygonal form, as herein shown, and is arranged upon the plan of the base-ball diamond, the starting-point will be located at D, corresponding to the "home" base, while E, F, and G represent, respectively, the positions of the "first," "second," and "third" bases at the remaining angles of the diamond. In passing from the point D or home base toward E or first base there is provided a cut-out or branch groove H, the wall of the groove H and the wall of the groove B forming at their point of meeting an edge *h*, such that if the globule C strike against it in its passage along the path B from the point D toward the point E, or from home to first base, it will be liable to separate from

the globule a part *c*, which will enter the cut-out groove H. The cut-out H is also of such size as to admit the whole of the globule and arrest its further progress. There is also provided on the opposite side of the main groove B, between the D and E bases, another cut-out H' quite similar to the cut-out H, hereinabove described. So, also, between the points E and F there are cut-outs H<sup>2</sup> and H<sup>3</sup> at intervals upon opposite sides of the path B, and a similar provision is made between the points F and G and between G and D, the cut-outs H<sup>4</sup> and H<sup>5</sup> being provided between the points F and G and the cut-outs H<sup>6</sup> and H<sup>7</sup> being provided between the points G and D. In the game here presented each of the cut-outs represents some one of the several features of the game of base-ball. For instance, the cut-out H represents "struck out," the cut-out H', "out on first," the cut-out H<sup>2</sup> represents "fly out," the cut-out H<sup>3</sup> represents "out on second," H<sup>4</sup> represents "caught between bases," H<sup>5</sup> represents "left on base," H<sup>6</sup> represents "foul out," and H<sup>7</sup> represents "out."

In playing the game, if the person holding the board can so manipulate it by tilting as to cause the globule C to follow along the main track B from the point D around the endless path back to the point D without it having become separated by encountering any one of the edges *h h'*, &c., or having bodily entered some one of the cut-outs, such person will be entitled to score a point. Such point may be given any value desired relative to any values which may be assigned to the different cut-outs from the starting-point along the path of travel. For example, if the cut-out H be counted 0 the successive cut-outs might be given the values 1 2 3, &c., either in regular or irregular order, the score for a complete circuit without allowing the globule to become separated at any cut-out or having entered any cut-outs having a value greater than any one of the cut-outs, say 10.

For protecting the groove and keeping the



globule from displacement it is found desirable to cover the face of the frame with a sheet of glass K.

What I claim as my invention, and desire to  
5 secure by Letters Patent, is—

In game apparatus, a rectangular-shaped endless track, a globule of mercury free to move along the track, and cut-outs at intervals along the track representing features

of the well-known base-ball game, the said cut-outs presenting edges toward the globule as it moves along the track, substantially as set forth.

WILLIAM C. DUNN.

Witnesses:

FREDK. HAYNES,  
GEORGE BARRY.