

(No Model.)

E. M. SAETTELE.
PUZZLE.

No. 432,904.

Patented July 22, 1890.

Fig. 1.

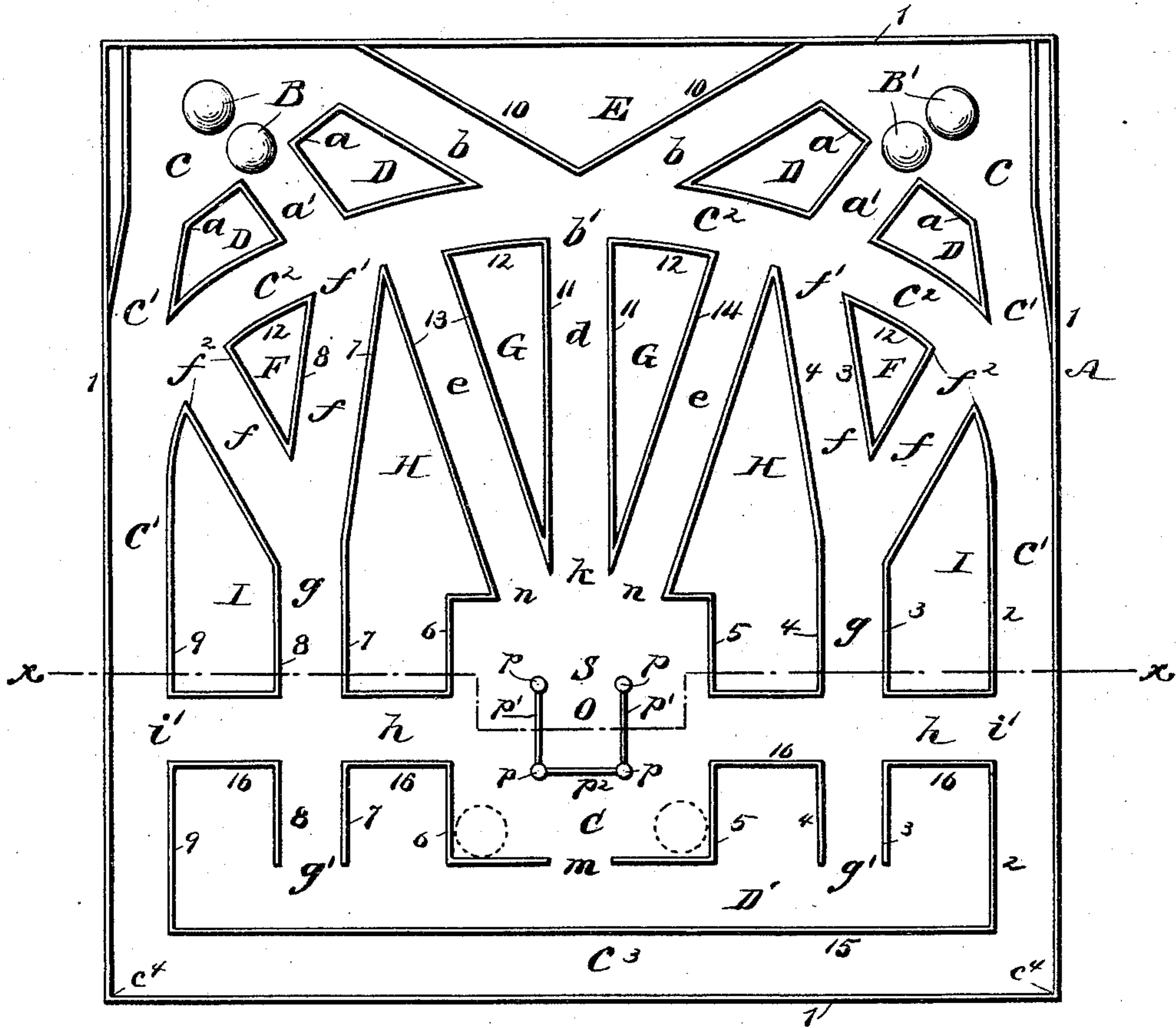
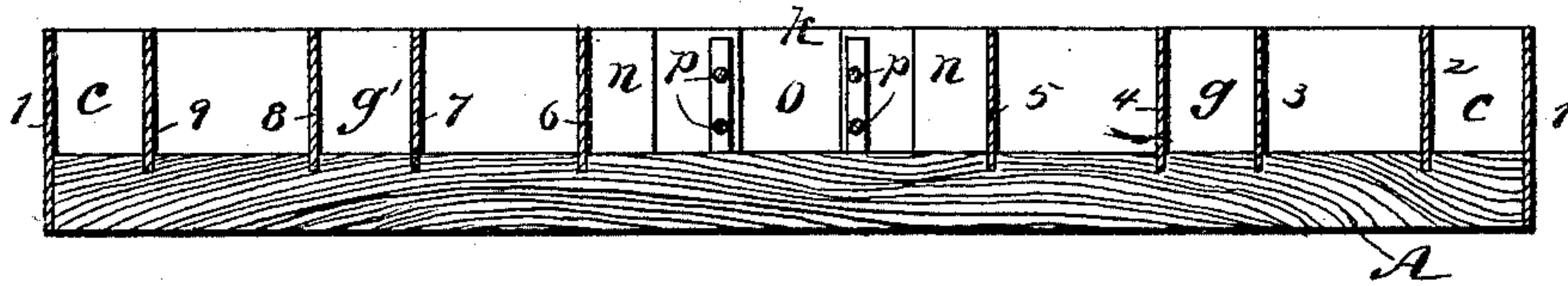


Fig. 2.



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EDMUND M. SAETTELE, OF ST. LOUIS, MISSOURI.

PUZZLE.

SPECIFICATION forming part of Letters Patent No. 432,904, dated July 22, 1890.

Application filed September 10, 1889. Serial No. 323,506. (No model.)

To all whom it may concern:

Be it known that I, EDMUND M. SAETTELE, of St. Louis, in the State of Missouri, have invented a new and Improved Game or Puzzle, of which the following is a full, clear, and exact description.

My invention relates to an improved game or puzzle of a type in which balls are caused to roll through a series of ramified or intersecting passages, the aim being to cause them to enter a designated location or goal.

The object of this invention is to produce a puzzle of the genus named, in which the balls in pairs represent leading political candidates, and the devious paths from starting-points to the terminal, which may be the presidential mansion, indicate the difficult and tortuous course of a political campaign.

With this object in view my invention consists in certain features of construction and combinations of parts, as is hereinafter described, and pointed out in the claims.

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

Figure 1 is a top plan view of the game-board or puzzle; and Fig. 2 is a sectional elevation of the same, taken on the line $x x$. (See Fig. 1.)

A is the base-board on which the device is placed. It is preferably given a rectangular form. A border wall 1 encircles the base-board. This is made of wood or card-board, or may be constructed of sheet metal.

Within the inclosure formed by the wall 1 and parallel to it other walls 2 3 4 5 6 7 8 9 are erected from the surface of the base-board at proper intervals. These are intersected by other similar walls, which produce passages or streets that will be mentioned in their order.

At the upper corners of the board A, as shown in Fig. 1, diagonal walls a are formed, which are continued to produce four trapezoidal figures D. These, from their location relatively to each other and the corners of the board, produce triangular inclosures c , which are the starting-points for the two pairs of balls B B'. At the top of the board between the two adjacent inclosures D a triangular space E is formed by the junction of

two diagonal walls 10. The peculiar conformation and arrangement of the walled inclosures D E provide intervening passages $b b a' a' c' c'$, that radiate from the inclosures c . Sufficient space is allowed between the lower walls of the trapezoidal inclosures D, the apexes $f' f^2 f' f^2$ of the triangles H H, and the walls 12, which join the upper terminals of the several walls 3 4 14 11 13 8, to afford an avenue c^2 , which is curved from the center b' , and extends toward the sides of the board until the parallel avenues c' are intersected, these last named being joined at the lower corners c^4 by the transverse passage c^3 . The elongated triangular spaces G, inclosed by the walls 11 12 13 14, are spaced apart near the center of width of the board A, and, in conjunction with the adjacent triangular inclosures H H, produce the center avenue d and diagonal avenues $e e$, all of which intersect the curved passage c^2 . The small triangular walled spaces F, by their location between the triangles H H and blocks I I, provide the diagonal avenues $f f f f$, that radiate from the parallel passages g and intersect the curved passage c^2 . At $n k n$ the avenues $d e e$ form a junction and intersect a central rectangular inclosure C, designated as the "White House," and centrally in this inclosure, directly opposite the avenue d , a railed inclosure or chair O, produced by posts p and bars $p' p^2$, is located, which is open at s , opposite the avenue d , and has sufficient space below the rear top rail p^2 to permit the balls B B' to roll through between the posts p , the pairs of side rails or bars p' serving to prevent the balls from entering laterally. An avenue h , which is parallel to the transverse passage c^3 , is made to intersect the side avenues $c' c'$, and also the White House inclosure C. A rectangular space D' is formed by the walls 2 15 9 16, immediately below the inclosure C, and is connected with it by the opening m directly in the rear of the railed space O, that is designated as the "seat of honor." Each of the avenues or passages $g' g'$ are extended into the space D' by prolongation of the walls 3 4 7 8, and have open communication therewith.

In operation the pairs of balls B B' are placed in the corner inclosures $c c$, and the efforts of the player are directed to effect the

location of the pair of balls which represent the candidates he favors in the White House, as shown in dotted lines, the pairs of balls B B' being understood to represent the opposing candidates for President and Vice-President of the United States. While there is no restriction as to the avenues traversed in order to enter the White House, the successful candidates for its occupancy must pass beneath the cross-bar p^2 of the chair of honor O in order to render them duly elected to remain in the presidential mansion C.

The board may be ornamented by painting the walls and avenues in the national colors, or in any other manner to suit the taste of the constructor.

While it is preferred to construct the device as stated, having walls made of sheet metal or card-board, it is not necessary or desired to restrict the construction to such materials, as there may be a similar form produced by the use of paper-pulp molded into shape. It may also be cast from metal or carved out of wood and the central inclosure covered to produce a fac-simile of a chair,

temple, or imitate any preferred structure, while the essential features are maintained.

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

1. A game-board or puzzle having devious avenues, a central inclosure, with which said avenues communicate, a goal within said central inclosure provided with open ends and closed sides, and sets of balls representing opposing sides or parties, substantially as set forth.

2. A game-board or puzzle having devious avenues, opposite inclosures communicating with said avenues and forming starting-points for opposing sets of balls, a central inclosure to which said avenues lead, and a goal within said central inclosure having parallel siderails forming barriers, and a cross-rail under which the balls may pass, substantially as set forth.

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Witnesses:

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