May 25, 1948. D. T. MYERS 2,442,014

ELECTRICAL GAME BOARD

Filed Jan. 6, 1947 3 Sheets-Sheet 1

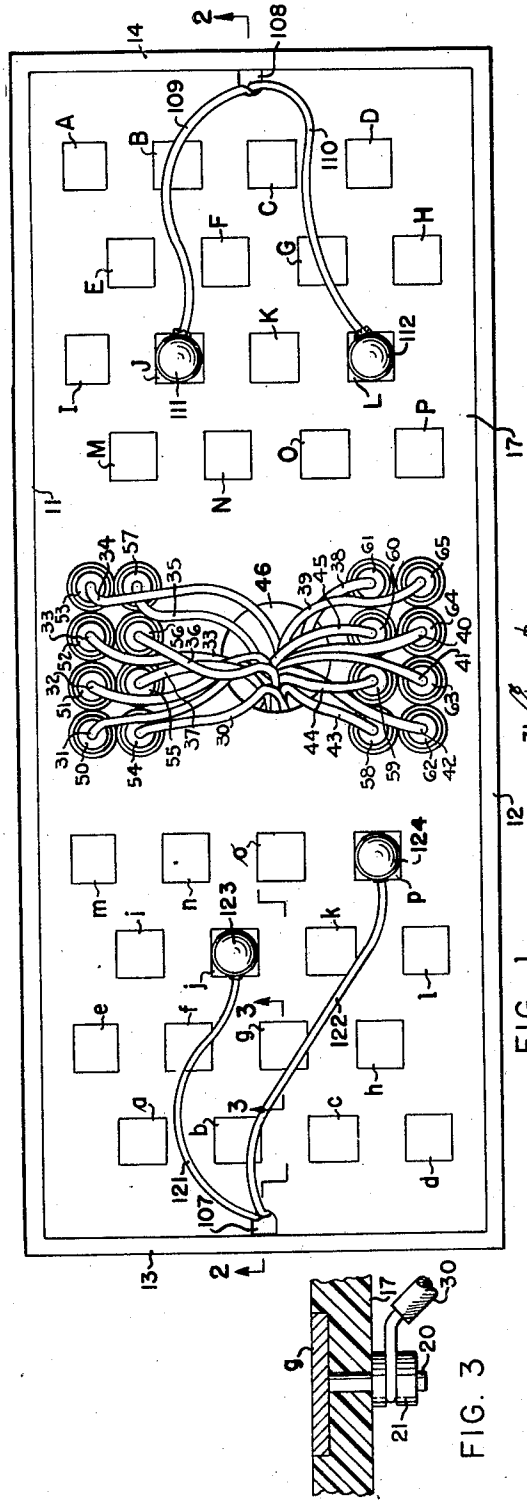


FIG. 1

FIG. 3

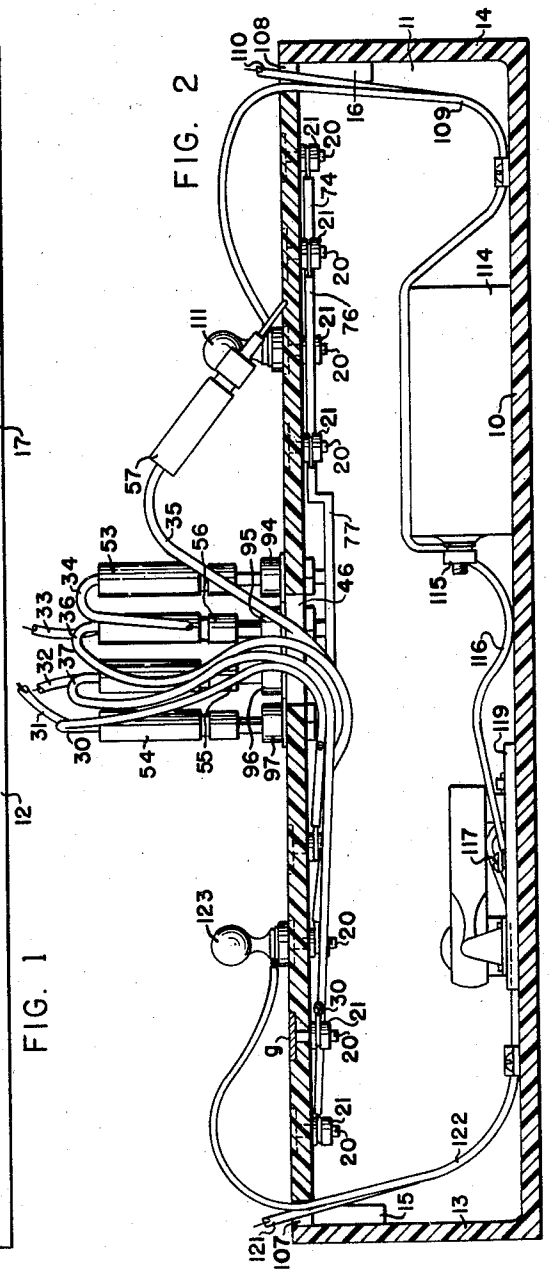


FIG. 2

DAVID T. MYERS,
INVENTOR.

BY

ATTORNEY.

May 25, 1948. D. T. MYERS 2,442,014

ELECTRICAL GAME BOARD

Filed Jan. 6, 1947 3 Sheets-Sheet 2

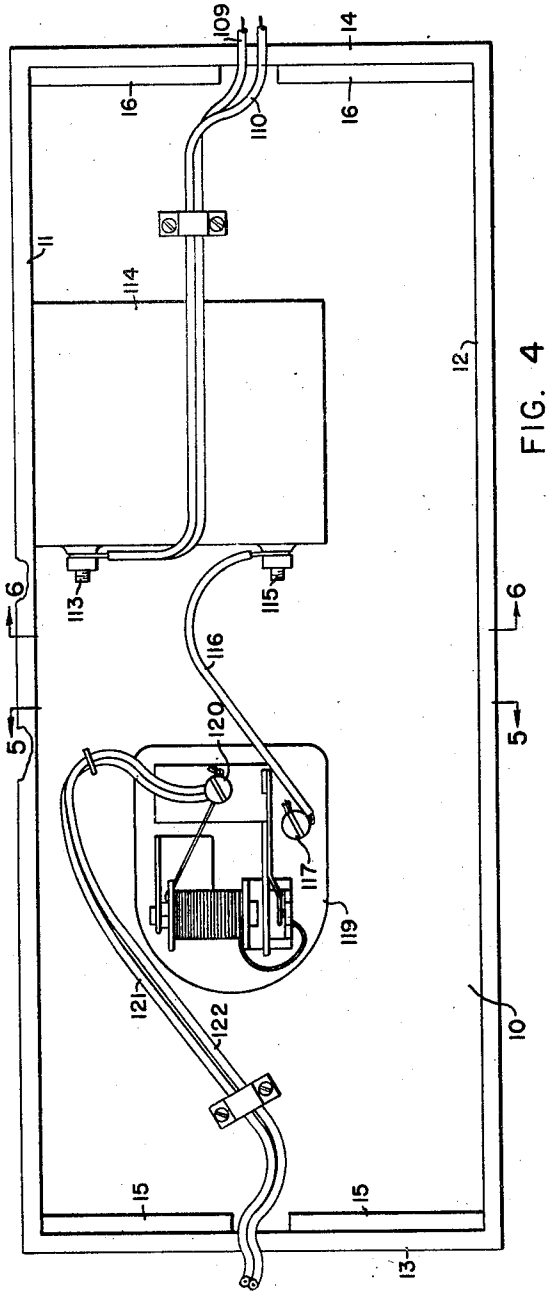


FIG. 4

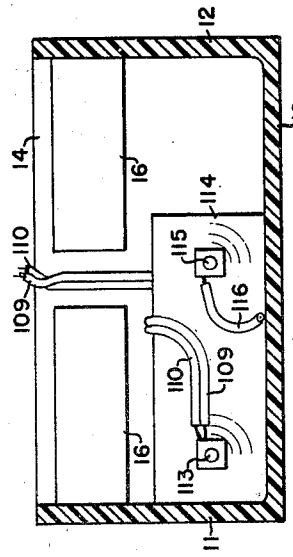


FIG. 6

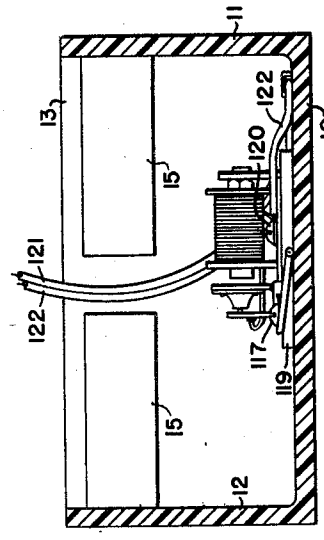


FIG. 5

DAVID T. MYERS,
Inventor.

By

Attorney

May 25, 1948. D. T. MYERS 2,442,014

ELECTRICAL GAME BOARD

Filed Jan. 6, 1947 3 Sheets-Sheet 3

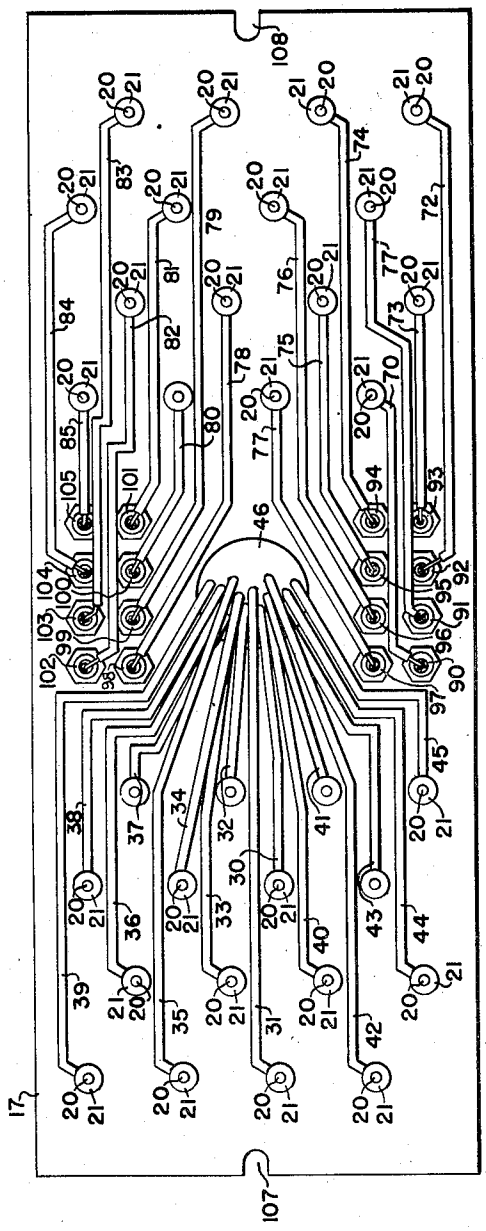


FIG. 7

DAVID T. MYERS,
Inventor.

By Paul & Paton
Attorney

Patented May 25, 1948 2,442,014

UNITED STATES PATENT OFFICE

2,442,014

ELECTRICAL GAME BOARD

David T. Myers, Charlotte, N. C.

Application January 6, 1947, Serial No. 720,367

4 Claims. (Cl. 273—138)

1

This invention relates to a game board and more especially to an electrical game board wherein a plurality of playing surfaces are provided and each surface having a plurality of positions to which playing men may be moved and these playing positions are so wired up to a source of electrical energy that when a certain playing man on one half of the board is positioned on a particular playing position and one of the playing men on the other half of the board is positioned on a particular playing position, a circuit will be completed to give a signal.

It is an object of this invention to provide a game board comprising two playing surfaces, each having a plurality of metallic members imbedded therein and said members on one half of the board being connected to a plurality of jacks or sockets and the metallic members on the other end of the board having a wired connection with a plurality of plugs which are adapted to be inserted in said jacks, said plugs being capable of being pulled out and stuck at random into the jacks so as to change the combination each time the plugs are removed and again inserted in different jacks.

It is another object of this invention to provide a planar playing surface divided into two sections and each section having a plurality of metallic members in spaced relation thereon and being preferably flush with the top surface of the playing surface and having a plurality of jacks disposed on the playing surface on the board between the two ends thereof and between the two playing surfaces and the metallic members on one end of the board being wired to a plurality of jacks disposed in an intermediate portion of the board and the imbedded members on the other end of the board having wires leading therefrom to a plurality of plugs which are adapted to be inserted into the jacks and a plurality of playing men are connected to a source of current and are movable to different positions on the playing surfaces so that when a playing man is disposed on a given metallic member at one end of the board, and another playing man is disposed on a given member in the other end of the board, a circuit will be completed to sound a signal and so many signals which are first sounded by particular player can be declared winner of the game.

Some of the objects of the invention having been stated, other objects will appear as the description proceeds when taken in connection with the accompanying drawings, in which

Figure 1 is a top plan view of the apparatus;

2

Figure 2 is a longitudinal sectional view taken along the line 2—2 in Figure 1;

Figure 3 is an enlarged detailed sectional view taken along the line 3—3 in Figure 1;

Figure 4 is a top plan view of the apparatus with the lid portion removed;

Figure 5 is a transverse sectional view taken along the line 5—5 in Figure 4;

Figure 6 is a transverse sectional view taken along the line 6—6 in Figure 4;

Figure 7 is a bottom plan view of the lid portion.

Referring more specifically to the drawings, the numeral 10 indicates the bottom of a suitable box having side walls 11 and 12 and end walls 13 and 14. The end walls 13 and 14, and the side walls likewise, if desired, can have suitable projections 15 and 16 projecting from the inside surface thereof for removably supporting a game board or lid 17.

The left-hand end of the playing board or lid 17 has a plurality of cavities therein in which a plurality of metallic members *a* to *p*, inclusive, are mounted with their upper surfaces flush with the upper surface of the game board 17. The other end of the game board 17 has likewise a plurality of metallic members A to P, inclusive, mounted flush-top therein. To the shank portion 20 of each of the metallic members *a* to *p*, inclusive, is connected a wire, these wires being designated by reference characters 30 to 45, inclusive. These wires all pass upwardly through an opening 46 in the central portion of the lid 17. The other ends of these wires 30 to 45 inclusive are connected to suitable plugs such as the telephone type of plug which are indicated by reference characters 50 to 65 inclusive.

On the other end of the game board where the metallic members A to P inclusive are disposed, each of these metallic members has a shank such as illustrated in Figure 3 and designated by reference character 20 and with a nut 21 thereon and to each of these shanks 20 is connected one end of a wire, said wires being indicated by 70 to 85, inclusive. The other ends of these wires 70 to 85, inclusive, are connected to the lower portion of sockets 90 to 105, inclusive, which extend below the lower surface of lid 17. The ends of the board 17 are notched as at 107 and 108 and wires 109 and 110 pass through the notch 106 and are connected to suitable playing men 111 and 112, with the lower portion of these playing men 111 and 112 being metallic and to which the ends of the wires 109 and 110 are connected to establish a circuit through the

wires 109 and 110 and through the lower portion of the playing men 111 and 112 for purposes to be presently described. These wires 109 and 110 are connected to one post 113 of a suitable dry cell battery 114 or it could be a transformer if desired. To a post 115 of the battery is connected a wire 116 which extends to a post 117 on a conventional electrically operated buzzer indicated broadly at 119. This buzzer has another post 120 to which wires 121 and 122 are connected, said wires leading upwardly through notch 107 and being connected to playing men 123 and 124 which are identical to the playing men 111 and 112.

In operation all of the plugs 50 to 65, inclusive, can be pulled out of the sockets 90 to 105, inclusive, and can be indiscriminately again plugged into any of the sockets and thus when any one of the playing men 111, 112, 123 or 124 are placed on a metallic member *a* to *p*, inclusive, or A to P, inclusive, so as to complete a circuit the buzzer will operate and give a signal to the players. Any type of game may be played as, for example, the player which first produces an operation of the buzzer would be declared the winner of the game or the buzzer would have to be operated so many times before the game was declared won and whoever secured a ringing of the buzzer this predetermined number of times first would be declared the winner of the game. By having the plugs or jacks removable and reinsertable in any one of the sockets, it is evident that a player would absolutely have no knowledge as to how the circut was hooked up so as to enable him to have an unfair advantage over his opponent by placing his playing man or men on a desired metallic member *a* to *p* or A to P as the case may be.

In the drawings and specification there has been set forth a preferred embodiment of the invention, and although specific terms are employed, they are used in a generic and descriptive sense only, and not for purposes of limitation, the scope of the invention being defined in the claims.

I claim:

1. A game apparatus comprising a box-like member having a removable lid, said lid having a plurality of spaced metallic members disposed in each end of the lid whose upper surfaces are flush with the upper surface of the lid, a source of electrical energy disposed in the box, a wire connected to the lower portion of each of the metallic members in one end of the lid and passing through a centrally disposed opening in the lid, a plug secured to the other end of each of said wires, a plurality of socket members penetrating the lid and into which the plugs are adapted to be inserted, wires connected to the lower end of each of the socket members and leading to the metallic members disposed in the other end of the board, a playing member having a wire connected thereto at one end and said playing member being arranged and constructed to be movable from one metallic member to another in one end of the board, the other end of the wire connected to the playing member being connected to the source of energy, a buzzer disposed in the box and having a wire leading therefrom to the battery and a playing member arranged and constructed to be moved from one metallic member to another on the other end of the board and having a wire connected thereto and the other end of the last-named wire being connected to said buzzer whereby when the playing members are moved from one metallic member to another, a circuit will be established through the playing members and through the buzzer to give an alarm.

2. A game board comprising a playing surface adjacent each end thereof and each playing surface having a plurality of metallic members imbedded therein whose upper surfaces are flush with the upper surface of the game board, a central opening in the board disposed between the two ends thereof having the metallic members embedded therein, a wire connected to the lower portion of each of the metallic members and at one end and passing upwardly through said hole in the central portion of the game board, a plug secured to the other end of each of said wires, the metallic members in the other end of the board each having the wire connected thereto, a plurality of sockets mounted in the board and to the lower end of which the last-named wires are connected, a battery disposed below the game board and having a wire connected to one terminal thereof and a movable playing member connected to the other end thereof, the lower portion of the playing member having a metallic portion to which said last-named wire is connected, a wire connected to the other terminal of the battery, a buzzer connected to the other end of the last-named wire, another wire connected to the buzzer and having a playing member connected thereto, the lower surface of the last-named playing member being metallic and being connected to said last-named wire, the plugs on the first-named wires being adapted to be indiscriminately inserted into said sockets so that when a playing member is disposed on a pre-determined metallic member in one end of the game board and a second playing member is disposed on a metallic member in the other end of the game board which is in the same secondary circuit as the first-named playing member a circuit will be established through the battery and through the buzzer to sound an alarm.

3. A game board comprising a plurality of spaced metallic members embedded in each end portion of the game board and having their upper surfaces flush with the upper surface of the game board, a wire having one end connected to the lower portions of the metallic members, the wires connected to the lower portions of the metallic members on one board having a jack connected to each of the other ends thereof, said game board having a central opening through which said jack wires are led before they reach said jacks, the central portion of the game board having mounted therein a plurality of sockets extending from the upper surface to the lower surface thereof, the wires connected to the metallic members in the other end of the board having their other ends individually connected to each of the socket portions disposed on the lower surface of the game board, a battery disposed below the board and having a buzzer connected to one terminal of the battery, a wire leading from the other side of the buzzer to the upper side of the game board and having a metallic playing member attached thereto, another wire leading from the other post of the battery to the other upper side of the other end of the game board and having likewise a metallic playing member attached thereto, whereby when the two playing members are disposed on certain ones of the metallic members they will complete a circuit through the battery and the buzzer.

4. A game board comprising a playing surface

disposed near each end thereof and each playing surface having a plurality of spaced metallic members embedded therein whose upper surfaces are substantially flush with the upper surface of the game board, a plurality of sockets mounted in the central portion of the game board, an opening disposed in the central portion of the game board, a plurality of wires having one end thereof each connected to a metallic member in one end of the game board and passing upwardly through said opening and having each a jack or plug attached to the other end thereof for insertion into said socket members, a wire leading from each of the lower portions of the socket members to each of the metallic members in the other end of the game board, a battery disposed below the game board and having a wire leading from one terminal thereof to the upper surface of one end of the game board and having a metallic movable playing member attached thereto which is adapted to be moved from one metallic member to another, a buzzer disposed adjacent to battery and having a wire leading from the other

terminal of the battery to one side of the buzzer, a wire leading from the other side of the buzzer to the upper surface of the other end of the game board and having a metallic playing member attached thereto, whereby when the two playing members are moved onto two metallic members in the same secondary circuit they will complete a circuit through the battery and the buzzer to sound an alarm.

DAVID T. MYERS.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
1,356,493	Hammond et al.	July 13, 1920
1,637,124	Morin	July 26, 1927
2,104,718	Dougherty	Jan. 4, 1938
2,139,860	Schwendeman	Dec. 13, 1938
2,275,988	Parker	Mar. 10, 1942