H. JORSTAD.

POOL TABLE POCKET LIGHT.

APPLICATION FILED JAN. 6, 1915.

1,163,412. Patented Dec. 7, 1915.

Fig. 1.

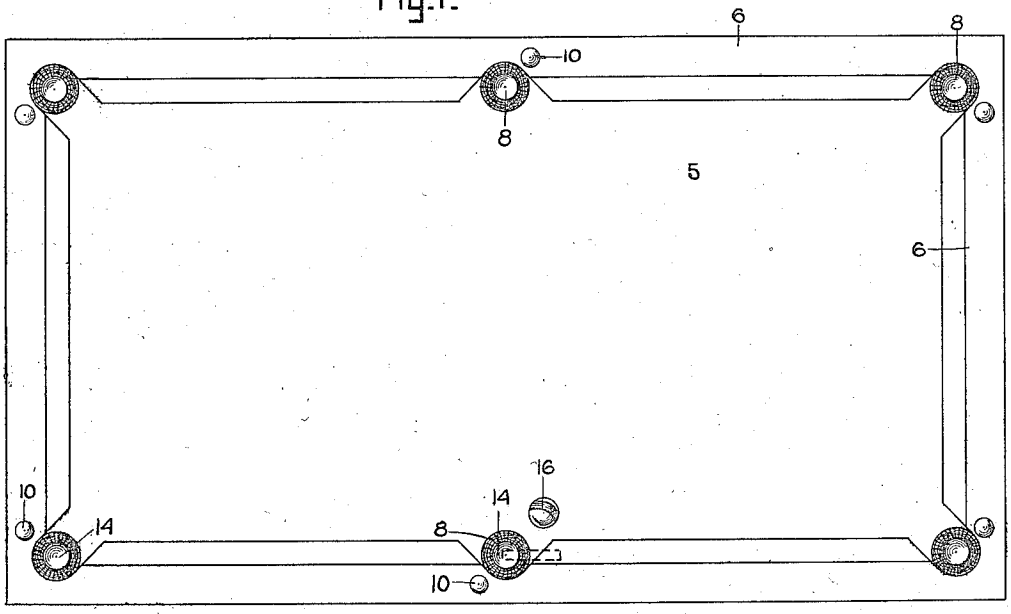
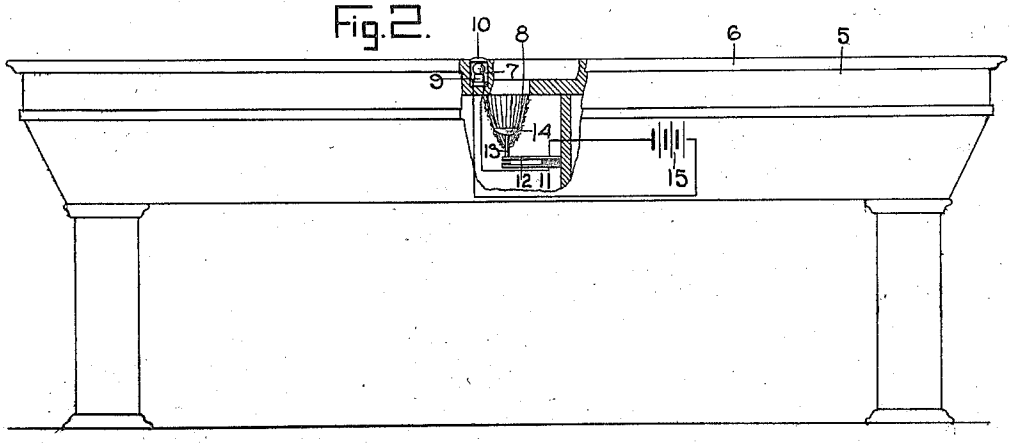


Fig. 2.



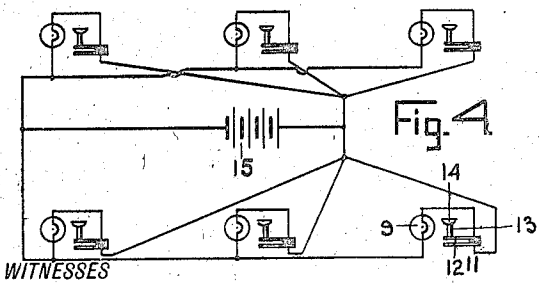


Fig. 4.

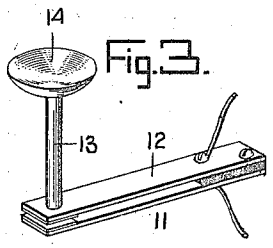


Fig. 3.

WITNESSES

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POOL-TABLE-POCKET LIGHT.

1,163,412. Specification of Letters Patent. Patented Dec. 7, 1915.

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To all whom it may concern:

Be it known that I, HENRY JORSTAD, a citizen of the United States, and a resident of Stanhope, in the county of Hamilton and State of Iowa, have invented a new and Improved Pool-Table-Pocket Light, of which the following is a full, clear, and exact description.

My invention relates to means for indicating the occupation of a pool-table pocket by a ball, and it has reference more particularly to luminous means to be associated with each pocket of the pool-table.

An object of the invention is to provide a simple, convenient and inexpensive pool-table pocket lighting whereby any of the pockets occupied by a ball will be readily seen, as the light of the pocket engaged by a ball will burn until the ball is removed.

With the above and other objects in view, the nature of which will more fully appear as the description proceeds, the invention consists in the novel construction, combination and arrangement of parts as herein fully described, illustrated and claimed.

In the accompanying drawings, forming part of the application, similar characters of reference indicate corresponding parts in all the views, and Figure 1 is a plan view of a pool table provided with an embodiment of my invention; Fig. 2 is a side elevation partly sectionalized to show the details of construction; Fig. 3 is a perspective view of the switch controlling the lamp; and Fig. 4 is a diagram of the connection.

Referring to the drawings, 5 represents a pool table the cushion rails 6 of which are provided with a recess 7 adjacent each pocket 8 of the table. In each recess a lamp 9 is placed, which is protected or covered by a lens 10 substantially flush with the cushion rails. Each of the lamps is controlled by a switch 11, the movable contact 12 of which is provided with an extension or pin 13 passing into the corresponding pocket and terminating in the pocket with a cup 14 adapted to form a seat for the ball. The source of electric current 15 which supplies the lamps has the circuit to each lamp controlled by a corresponding switch 11, and when a ball 16 drops into one of the pockets 8 it will fall into the cup 14 and, consequently, displace the movable contact 12, thus closing the switch and causing the current from the supply 15 to pass through the lamp 9 of the pocket where a ball is on the cup, thus giving ready means for detecting a ball in any of the pockets.

From the foregoing description, taken in connection with the accompanying drawings, the advantage of the construction and operation of the device disclosed will be readily understood by those skilled in the art to which the invention pertains; and while I have described the principle of operation, together with the device which I now consider to be the best embodiment thereof, I desire to have it understood that the structure shown is merely illustrative and that such changes may be made as are within the scope of the appended claims.

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

1. In a pool table, a lamp on the table adjacent each pocket thereof, means for controlling the lamp associated with the corresponding pocket, said means becoming operable and being maintained so by the engagement of a ball with the pocket whereby the corresponding lamp is rendered and maintained luminous as long as the ball remains in the pocket.

2. A pool table having a lamp for each of its pockets and means for rendering each of said lamps luminous and maintaining it so when a ball is engaging a corresponding pocket.

3. In a pool table, a recess in the cushion rail adjacent each pocket, a lamp in each recess, and a normally open switch for each of the lamps, each of said switches having an extension engaging the corresponding pocket, said extension being adapted to be engaged by a ball engaging the pocket whereby the corresponding switch is closed and the lamp rendered luminous.

4. In a pool table, a recess in the cushion rail adjacent each pocket, a lamp in each recess, a lens covering each of the lamps in the recesses, a normally open switch for each of the lamps, an extension from each of the switches into the corresponding pocket, said extension having a cup adapted to form a seat for a ball in the pocket, whereby said switch is closed when a ball engages the cup, and, consequently, the corresponding lamp rendered luminous.

5. In a pool table, a recess adjacent each pocket in the cushion rails of the table, a lamp in each of the recesses, a source of energy for the lamps, a lens covering each

of the lamps in the recesses, a switch having a movable contact for each of the lamps, an extension from the movable contact to the corresponding pocket, and a cup on the extension within the pocket adapted to form a seat for the ball, said switch being adapted to become closed when the ball engages the cup, thus rendering the corresponding lamp luminous.

6. In a pool table, means thereon associated with each of the pockets and adapted to become and remain visible when a ball is engaging a corresponding pocket.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HENRY JORSTAD.

Witnesses:
JOHN DONHOUE,
HALLVORD KLOSTER.