(No Model.)

E. CURTIS.

ELECTRIC INDICATOR FOR POOL TABLES.

No. 313,404. Patented Mar. 3, 1885.

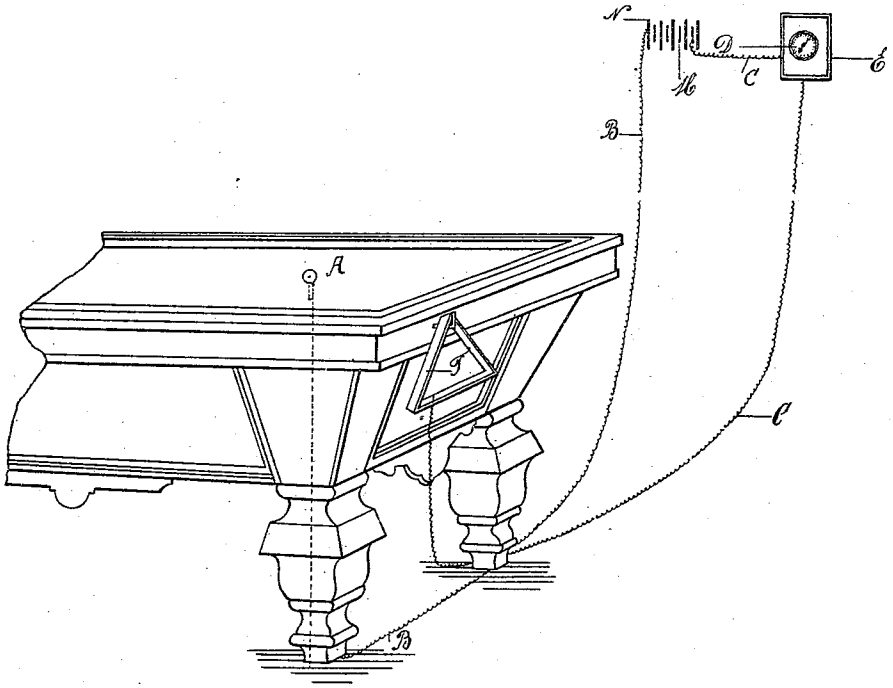


Fig 1.

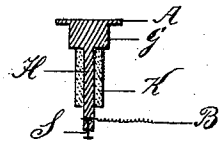


Fig 2.

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UNITED STATES PATENT OFFICE.

ELIAS CURTIS, OF KANSAS CITY, MISSOURI.

ELECTRIC INDICATOR FOR POOL-TABLES.

SPECIFICATION forming part of Letters Patent No. 313,404, dated March 3, 1885.

Application filed May 23, 1884. (No model.)

To all whom it may concern:

Be it known that I, ELIAS CURTIS, of Kansas City, Jackson county, Missouri, have invented a new and useful Electric Indicator for Pool-Tables, of which the following is a full, clear, and exact description.

The object of my invention is to provide a simple and efficient indicator for pool-tables, so that the person in charge of one or more tables may be immediately informed of the commencement of a game, and of the particular table upon which it is to progress.

The invention consists in constructing the spot and triangle of metal, and placing them in electrical communication with a suitable indicator-dial.

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

Figure 1 is a perspective view showing the head end of a pool-table with my improvements attached thereto. Fig. 2 shows the metallic spot in a vertical section.

My improved metal spot A is preferably constructed with a shoulder, G, to form a bearing when it is let down level with the surface of the table, and a pin or dowel, H, that is provided at its lower extremity with a binding-screw, S, or other means for attaching the circuit-wire B. The said pin H and the shoulder G are provided with means for insulation, as K.

In operation an electrical battery, M N, and an indicator-dial, D E, are so located as to be convenient for inspection by the bar-clerk or other person. The spot A and the triangle T are connected to the battery, and to the dial by means of the circuit-wires B C.

When the table is idle, the triangle hangs at the head end thereof and the other parts of the attachment are in the position shown in the first figure of the drawings; but when a game is to be started, the triangle T is placed in position upon the table and in contact with the spot A. The circuit is thereby closed, and the fact is made apparent by the changed position of the pointer D.

Any number of tables may be placed in circuit, as desired.

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

1. The hereinbefore-described electric game-indicating apparatus for pool-tables, consisting of a metallic contact point or spot fixed at a suitable place upon the surface of the table, and placed in circuit with a metallic triangle and with an indicating device, said triangle adapted to be suspended at or near the head of the table and out of contact with said point or spot whenever the table is not in use, substantially as shown and described.

2. In combination with a pool-table having a metallic contact point or spot that is fixed in a suitable position upon its surface and placed in battery-circuit with an indicator-hand, a metallic triangle in circuit with said spot and adapted to be suspended at or near the head of such table and out of contact with the before-mentioned spot when the table is not in use, and so arranged when a game is contemplated that it may be placed in contact with such point or spot to close the battery-circuit, as and for the purposes set forth.

In testimony whereof I affix my signature in presence of two witnesses.

ELIAS CURTIS.

Witnesses:

HENRY D. ASHLEY,

OTTO BECKENBACH.