(No Model.)

C. L. TILT.

GAME TABLE.

No. 351,668. Patented Oct. 26, 1886.

Fig. 1.

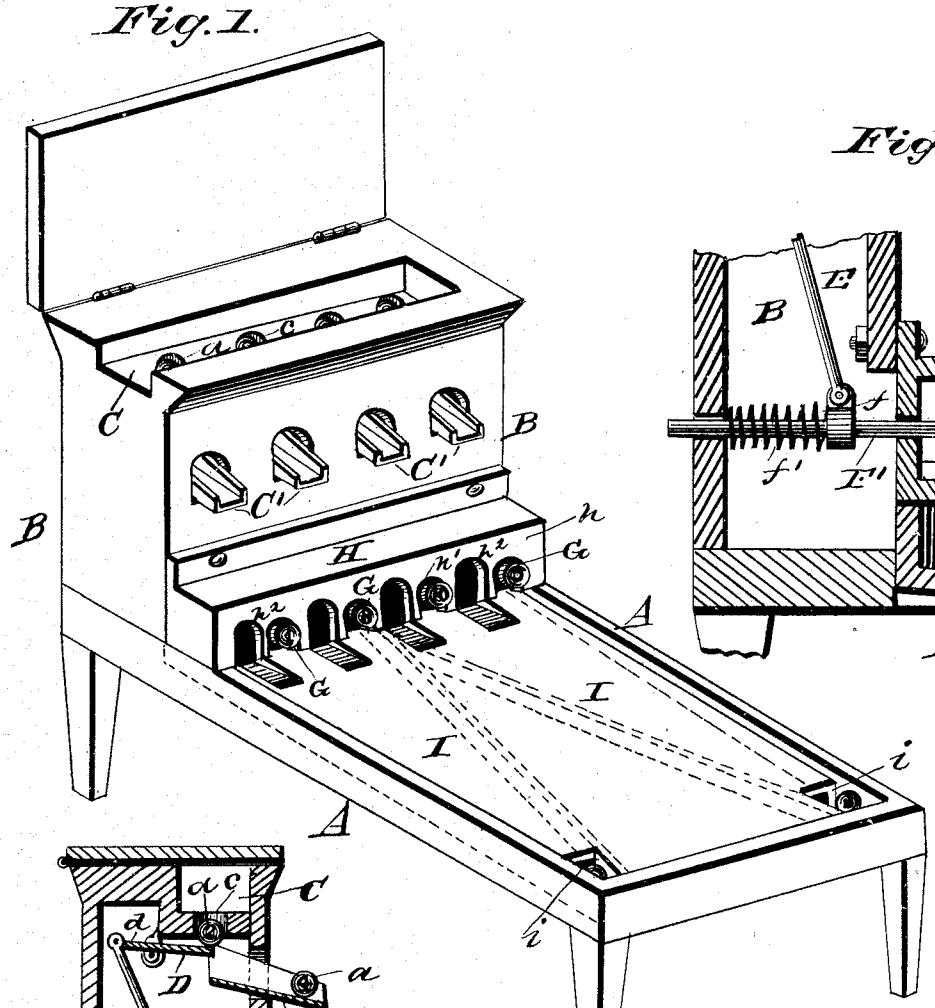


Fig. 3.

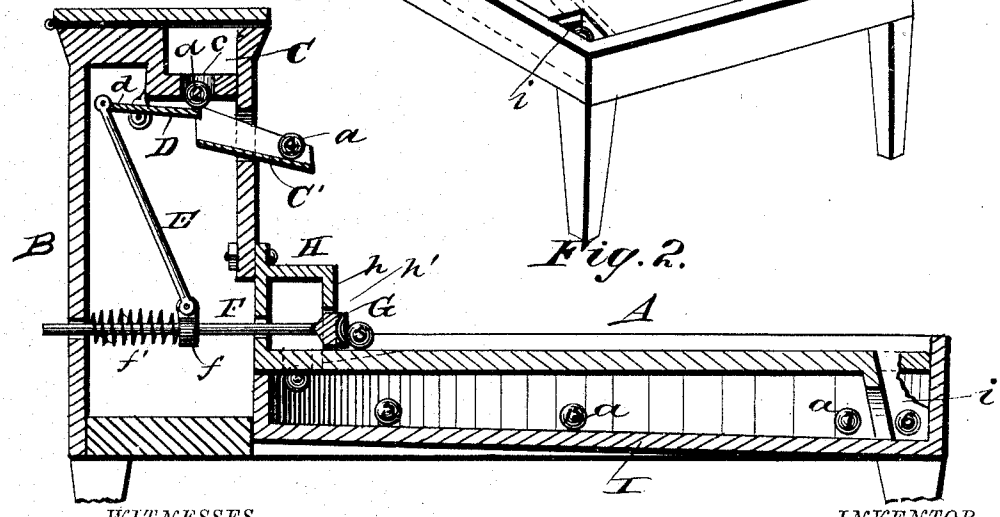


Fig. 2.

WITNESSES

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CHARLES L. TILT, OF SOUTH BEND, INDIANA.

GAME-TABLE.

SPECIFICATION forming part of Letters Patent No. 351,668, dated October 26, 1886.

Application filed May 22, 1886. Serial No. 203,013. (No model.)

To all whom it may concern:

Be it known that I, CHARLES L. TILT, of South Bend, in the county of St. Joseph and State of Indiana, have invented certain new and useful Improvements in Game-Tables; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

In the drawings, Figure 1 is a perspective view of the game-table. Fig. 2 is a vertical longitudinal section of the same; and Fig. 3 is a detail view, also in section, of a portion of the table.

This invention relates to improvements in game-tables; and it consists in the novel construction of the same and arrangement of parts hereinafter described, and particularly specified in the claims.

Referring to the accompanying drawings, A designates the table, of rectangular form, and made, preferably, like the ordinary billiard-table. At one end of the table rises a vertical casing, B, which contains the game mechanism proper, which is as follows: The upper part of casing B has preferably a hinged lid, so that free access may be had to the inclosed mechanism should it become disarranged, or to repair the same. Directly beneath this lid is formed an inclined way or trough, C, which is open at one end when the lid is closed, so that numbered balls *a* may be introduced into the trough. At regular intervals in the bottom of trough C are openings *c* of sufficient size and depth to receive one ball, *a*, the balls being prevented from dropping entirely through the openings by traps D, placed directly beneath, and hereinafter described. The trough C being inclined lengthwise, the balls *a*, when put in it at its highest end, will roll downward, the first ball entering the first opening *c* and the rest passing over it in succession, and so on until all the openings are filled.

C′ designates spouts or conduits, which are placed in the front wall of the casing B, beneath each opening *c*, and serve to deliver the balls upon the table when the traps D are opened.

D D are the traps, suitably hinged beneath the openings *c*, as shown, and having a rearwardly-extending arm, *d*, by which they are operated.

E E designates rods hinged or jointed at their upper ends to arms *d* of traps D, and thence extending downward and inward at an acute angle, and are hinged or jointed to collars *f*, secured on horizontal rods F. These rods F have bearings in suitable openings formed in the front and rear walls of the casing, and play back and forth therein, their ends extending sufficiently outside their bearings to permit this movement. The collars *f* are secured on the rods F, inside the casing, near the front bearings.

f′ designate spiral springs placed upon the rods F, and bearing against the rear wall of the casing at one end and upon the collars *f* at the other. By means of these springs the rods F are kept in normal position and the the traps D closed through the action of the connecting-rods E.

Upon the front outer ends of the rods F are secured cup-shaped heads G, for a purpose hereinafter explained. The front ends of the rods F, carrying heads G, are preferably protected by a casing, H, the front piece, *h*, of which is provided with a number of alternate openings, *h′ h²*, which are of sufficient size to admit the passage of balls *a*, and have their lower portions flush with the surface of the table for this purpose. The heads G fit within the openings *h′*. The top of the table, in front of each opening *h²*, is preferably cut in, as shown, so as to form inclined channels, to conduct the balls *a* therethrough. The balls, after passing through the openings *h²*, drop through openings *a′* in the top of the table upon inclined ways I, which conduct them back to the front end of the table, opposite casing B, where they enter pockets *i* at the opposite corners of the table, whence they can be readily removed, as desired.

The operation of the device is as follows: The trough C being filled with balls *a*, the player takes his place at the opposite end of the table and endeavors to cause a ball to strike one of the heads G, and if he succeeds the concussion of the ball against the head G forces rod F inward, and through its connections by collar *f* and rod E raises the arm *d* of trap D, to which it is connected, thus opening

the trap and permitting the ball in the opening *c*, to which the trap belongs, to drop into the trough C and be delivered upon the table. If the player should miss striking a head, G, the ball will pass through the opening h^2 and be returned to a pocket, *i*, as described. As fast as the balls *a* are dropped upon the table from the trough C a new ball takes its place in the opening *c* whence it escaped, the trough being kept filled for that purpose.

The game for which this table is designed is called "Quorum," and I purpose calling the table a "quorum-table."

Having described my invention, I claim—

1. In a game apparatus, the combination, with a suitable table, of a casing having a trough for holding a number of balls, provided with trapped openings, and means, substantially as described, for actuating any trap and permitting the escape of a ball through an opening upon the table, all substantially as described.

2. In a game apparatus, the combination, with a suitable table, the casing having a trough, C, provided with openings, hinged traps D, closing these openings, rods E, and spring-controlled collared rods F, having cup-shaped heads upon their outer front ends, whereby the traps D are opened when the rods are forced inward against the springs, all substantially as and for the purpose specified.

3. In a game apparatus, the combination of table A, provided with conducting-ways I and pockets *i*, with the casing B, provided with an inclined trough, C, having openings in its bottom, and hinged traps D, closing the openings in trough C, and having rearward arms *d*, rods E, hinged at their upper ends to arms *d* of traps D, and at their lower ends upon collars *f* of spring-controlled horizontally-movable rods F, having heads G, and casing H, having openings h' h^2, all constructed and adapted to operate substantially as described.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

CHARLES L. TILT.

Witnesses:
JAMES DUSHANE,
WILLIS A. BUGBEE.