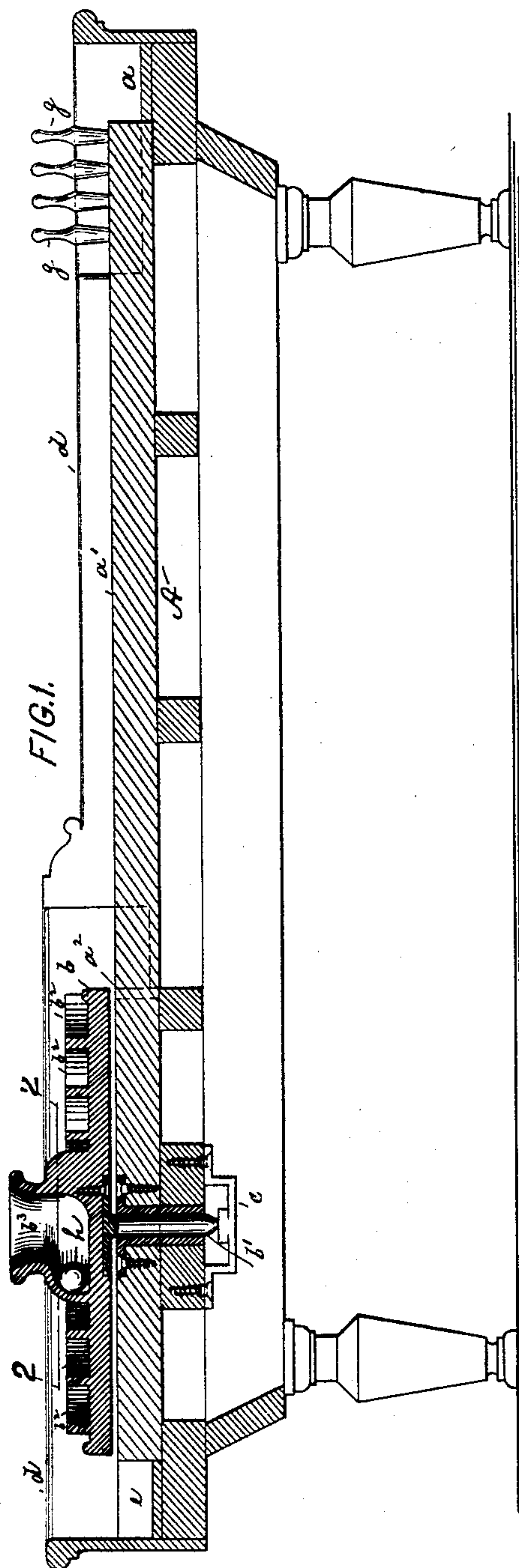


(No Model.)

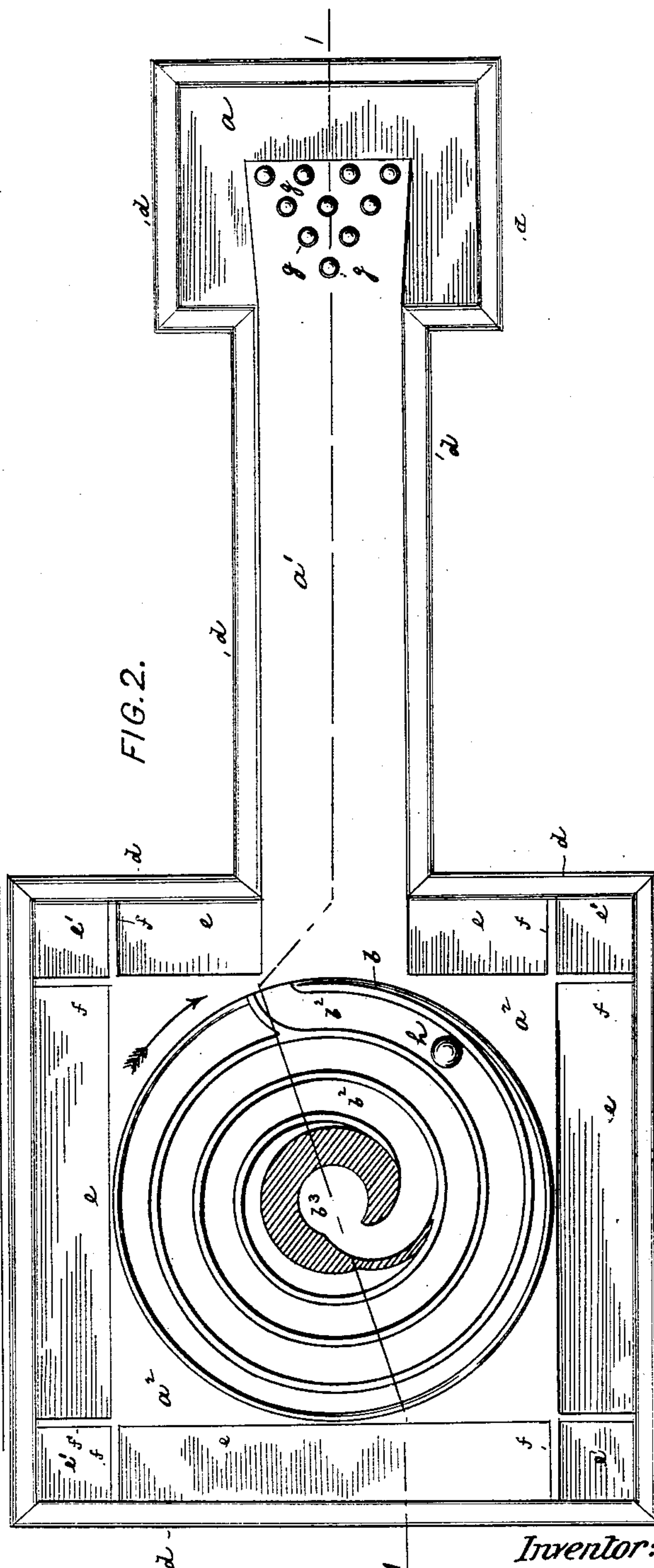
W. MUMBRAUER.  
GAME BOARD.

No. 593,421.

Patented Nov. 9, 1897.



Witnesses:  
*John Becker.*  
*William Miller.*



Inventor:  
*Wilhelm Mumbrauer*  
*by his attorneys*  
*Roeder & Briesen*



# UNITED STATES PATENT OFFICE.

WILHELM MUMBRAUER, OF NEW YORK, N. Y.

## GAME-BOARD.

SPECIFICATION forming part of Letters Patent No. 593,421, dated November 9, 1897.

Application filed June 24, 1897. Serial No. 642,015. (No model.)

*To all whom it may concern:*

Be it known that I, WILHELM MUMBRAUER, of New York city, county and State of New York, have invented an Improved Game-Board, of which the following is a specification.

This invention relates to a game-board in which a ball is propelled from a revolving disk to roll along a table and upset a number of pins at the other end of the table.

The game is well adapted for parlor amusement, requires skill and judgment, and presents considerable variety.

In the accompanying drawings, Figure 1 is a vertical longitudinal section of my improved game-board on line 1 1, Fig. 2. Fig. 2 is a sectional plan thereof on line 2 2, Fig. 1.

The letter A represents the table of the game-board provided with a contracted section  $a'$ , that constitutes an alley and connects the foot  $a$  with the head  $a^2$  of the table. Centrally upon the head  $a^2$  is arranged a revoluble disk  $b$ , having a spindle  $b'$ , that projects through the table and is free to turn on a bearing  $c$ , affixed to the lower side thereof. The face of the disk  $b$  is provided with a convolute groove or ball-race  $b^2$ , extending from a central chute  $b^3$  of the disk to the periphery of the same. The table is surrounded by a continuous cushion  $d$ , while a gutter  $e$  is sunk beneath the level of the table along each side of the head  $a^2$ , but not at the junction between the alley and head. Sunk partitions  $f$ , traversing the gutters, form pockets  $e'$  at the four corners of the head.

To play the game, pins  $g$  are set up at the end of the alley, the disk  $b$  is revolved, and a ball  $h$  is dropped into the chute  $b^3$ . This ball after running its course along the race  $b^2$  will be ejected therefrom, and, if its introduction has been properly timed, will roll

down the alley to upset the pins, and thus make a count. If differently timed, the ball will drop into one of the gutters  $e$  or into one of the pockets  $e'$  to make a miss or a different count. Thus an amusing game, requiring considerable skill and judgment and well adapted for the entertainment of old and young, is provided.

What I claim is—

1. In a game-board the combination of a table with a disk revoluble thereon and having a convolute ball-race, and an opening from the raceway to the table, substantially as specified.

2. In a game-board the combination of a table having a head, and a contracted section to form an alley, with a disk revolubly secured to the head and having a convolute ball-race, substantially as specified.

3. In a game-board the combination of a table having a head, a contracted section or alley, and gutters at the sides of the head, with a surrounding cushion, and with a disk revolubly secured to the head and having a convolute ball-race, substantially as specified.

4. In a game-board the combination of a table having a head, a contracted section or alley and gutters at the side of the head, with sunk partitions transversing the gutters and forming pockets, and with a disk revolubly secured to the head and having a convolute ball-race, substantially as specified.

5. In a game-board the combination of a table having a foot  $a$ , alley  $a'$ , head  $a^2$ , gutters  $e$ , and pockets  $e'$ , with a revoluble disk  $b$ , having a convolute ball-race, a ball  $h$ , and pins  $g$ , substantially as specified.

WILHELM MUMBRAUER.

Witnesses:

F. V. BRIESEN,  
WILLIAM MILLER.