J. F. SPENCE.

GAME APPARATUS.

No. 193,427. Patented July 24, 1877.

Fig. 2

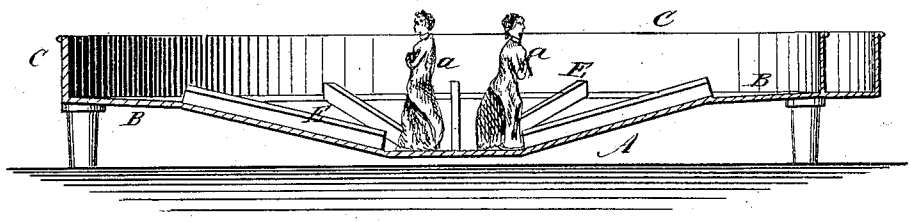


Fig. 3

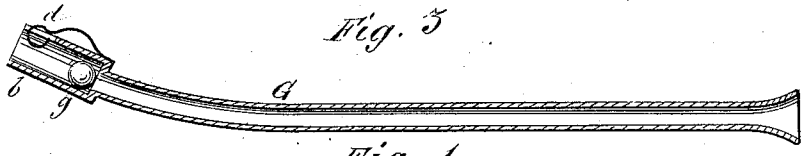
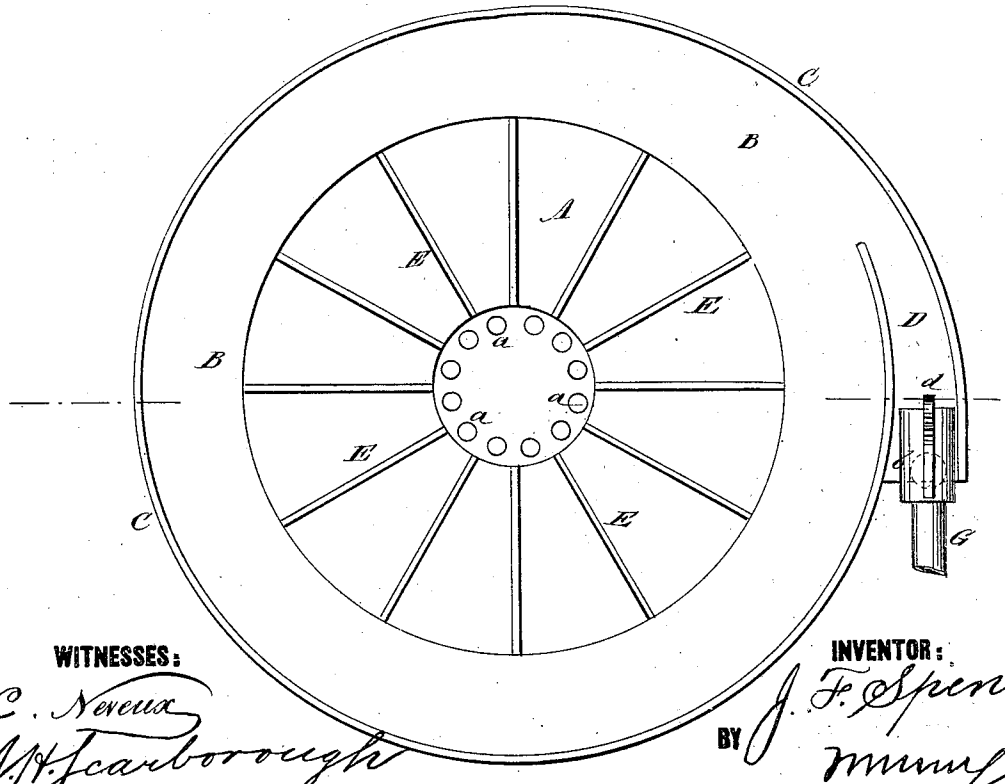


Fig. 1



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UNITED STATES PATENT OFFICE.

JAMES F. SPENCE, OF BROOKLYN, NEW YORK, ASSIGNOR TO HIMSELF, CALVIN E. DAVIS, AND ROYAL P. WILKINS, OF SAME PLACE.

IMPROVEMENT IN GAME APPARATUS.

Specification forming part of Letters Patent No. **193,427**, dated July 24, 1877; application filed June 11, 1877.

To all whom it may concern:

Be it known that I, JAMES F. SPENCE, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Game Apparatus, of which the following is a specification:

This invention relates to games which are played with balls; and the nature of my invention consists, first, in a circular table having a central conical depression, surrounded by an inclined shelf and inclosed by a rim or guard, which is of convolute form, with one or more gates or openings leading upon the shelf, the said central conical depression being provided with radial channels flaring outwardly and adapted to receive the balls which are projected on the table, and to indicate by figures the different amounts won by the players, as will be hereinafter explained; second, in a blow-pipe of novel construction, which is provided with a spring in its enlarged end, and adapted for propelling the balls upon the table by blowing through the pipe with the mouth.

In the annexed drawings, Figure 1 is a top view of the improved game-table, showing a portion of the blow-pipe adjusted in a position for propelling a ball. Fig. 2 is a vertical section taken diametrically through the game-table. Fig. 3 is a sectional view through the blow-pipe.

Similar letters of reference indicate corresponding parts.

I shall denominate my improved game the "Star Game and Lung Tester." It is played on a table of circular form, with balls shot from the end of a blow-pipe. The table is formed of two circular inclined planes, with a guard or rim inclosing them.

The letter A designates the central portion of the table, which is the frustum of a cone inverted, and which is surrounded by a circular shelf, B, that is slightly inclined toward the center of the table.

C designates a rim or guard which surrounds the table, and which is offset like a convolute, forming a gate, D, through which the balls are shot upon the table.

There are a number of divisions, E, fixed to the central conical portion of the table, and equally spaced, which divisions radiate from a common center, and terminate at the lowest point of the shelf B. These divisions form chambers, into which the balls will roll after passing around said shelf.

At the lowest ends of the divisions E, I arrange stops *a*, which may represent mythological figures or any other figures, and which will be properly numbered to designate the value of the shots made by the balls propelled upon the table.

I shall construct the table of wood, metal, or other suitable material, and it may have more than one entrance-gate for the balls, although I conside one gate sufficient.

G designates a blow-pipe, which is slightly curved, as shown, and constructed with an enlarged cylindrical end, *b*, to which a light friction-spring, *d*, is applied. This enlarged portion of the pipe G is designed to receive a ball, *g*, and the spring *d* is used to keep the ball in its place until it is projected by the breath.

To play the game, the end *b* of the blow-pipe is charged with a ball and adjusted in the gate D, and the ball is projected by blowing through the pipe.

I contemplate using an air-engine of a simple kind for projecting the balls, but I prefer to use the blow-pipe described.

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

1. The game-table, constructed with a central conical depression, A, and a circular shelf, B, in combination with a guard, C, divisions E, and one or more gates, D, substantially in the manner and for the purpose described.

2. The blow-pipe G, constructed with an enlargement, *b*, for receiving the balls, in combination with the spring *d*, substantially in the manner and for the purpose described.

JAMES F. SPENCE.

Witnesses:
C. SEDGWICK,
ALEX. F. ROBERTS.