

C. SONNENBERG.
GAME APPARATUS.

No. 180,502.

Patented Aug. 1, 1876.

Fig. 1.

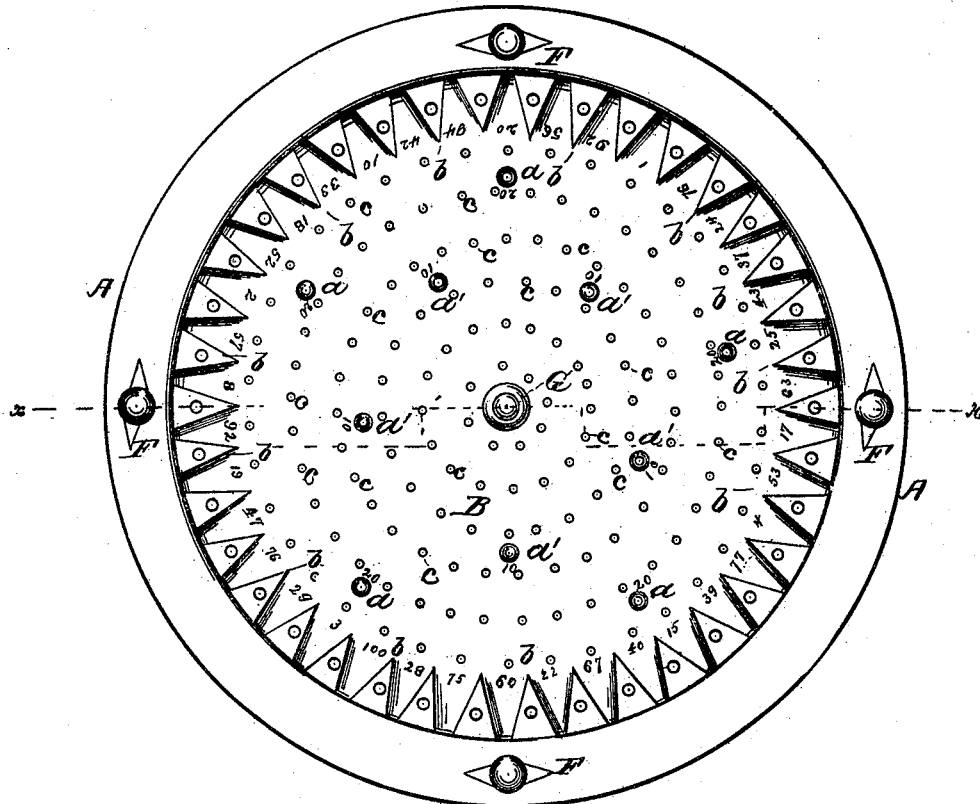
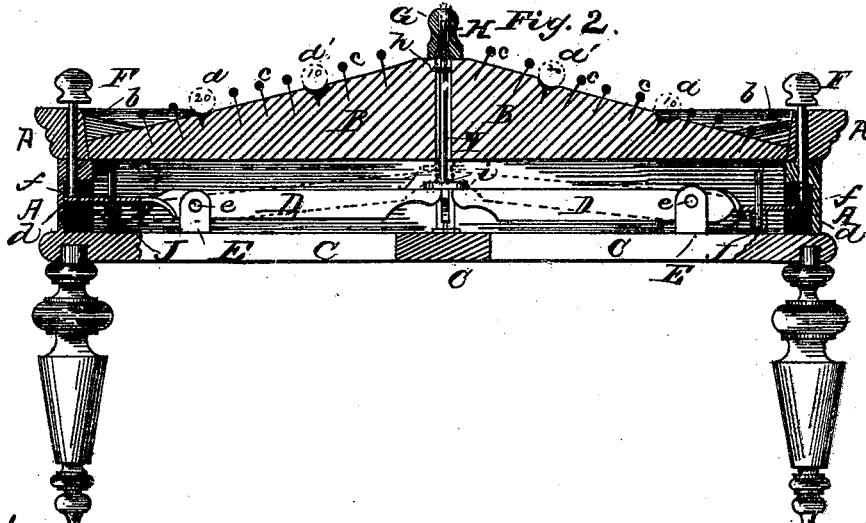


Fig. 2.



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Fig. 3.

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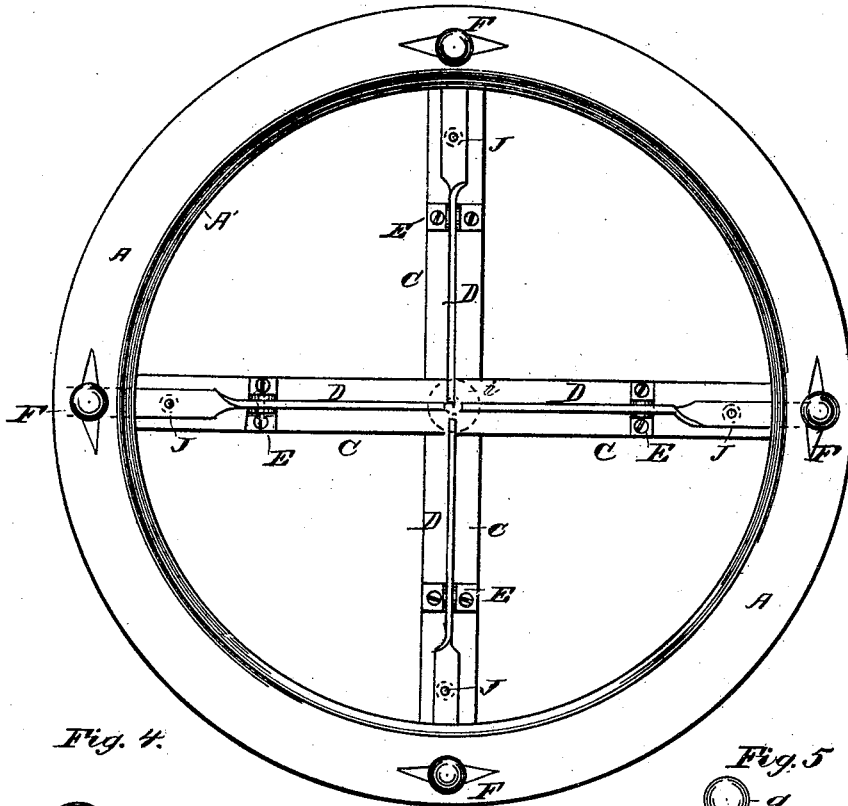
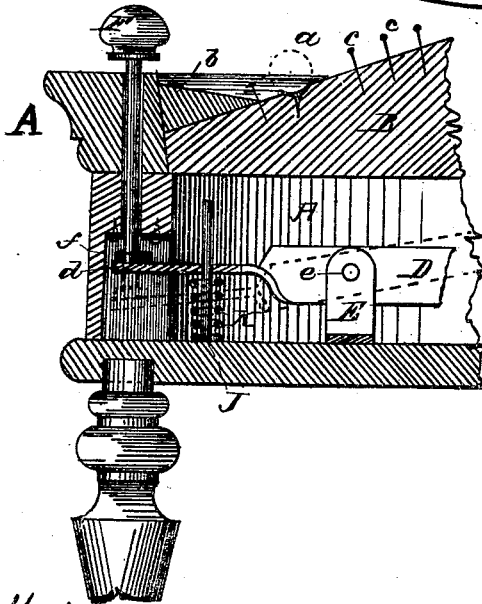
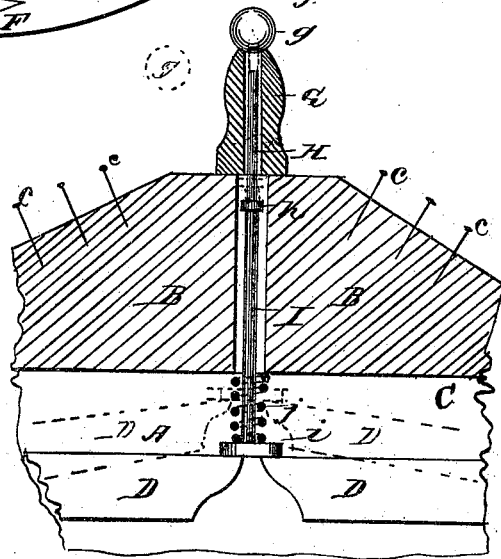


Fig. 4.



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Fig. 5.



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UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN GAME APPARATUS.

Specification forming part of Letters Patent No. 180,502, dated August 1, 1876; application filed May 27, 1876.

To all whom it may concern:

Be it known that I, CHARLES SONNENBERG, of Hannibal, in the county of Marion and State of Missouri, 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, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

In the accompanying drawings, Figure 1 is a bird's-eye view of my improved game-table. Fig. 2 is a vertical and central section of the same. Fig. 3 is a bottom view. Figs. 4 and 5 are detached sections.

My improved game-table is made with a convex center, or convex face, B, which is surrounded by a circular rim, A, and a series of pockets for catching the balls as they roll down upon the convex face of the table, as seen in Fig. 2, and will be more fully explained hereafter.

The rim A is considerably elevated, in order to stop the balls, which are caught in the triangular pockets just inside of the rim A. These pockets are numbered, as seen in Fig. 1, and by these numbers the player counts up the amount of his winnings as the game proceeds.

The convex face of the table has a central and elevated ball-rest, G, and two series of cups or ball-rests, *a* and *a'*, and also six circles of pins, *c c*, thus covering the whole face of the table. The circle of balls *a'* are numbered 10, and the circle *a* numbered 20; and it may be observed that the pockets are irregularly numbered, so that considerable calculation may be made as to the chances of winning a high count.

The arrangement for tripping the central ball will be best understood by referring to Sheet 2 of the drawings, where Fig. 3 is a bottom view of the table.

On the under side of the cross-bars C are four levers, D, pivoted at E, so as to vibrate easily. The tips of these levers rest against the under side of the head *i* of the rod I, which is provided with spring *j* to push it down away from the ball G, Fig. 5. The outer ends of these levers are connected with the stop F, Fig. 4, so that a slight tap on the top or knob of the stop F will tilt the lever, and thus push up the sliding rod I, and give the ball G a sudden stroke, thus throwing it from its rest, when the ball rolls down the incline of the table to the pockets *b*.

As the ball rolls down the incline or convex face of the table it strikes more or less of the pins *c*, and is liable to knock off or set in motion some one of the balls on the rests or cups *a* and *a'*. After the ball or balls reach the pockets the numbers are counted, and thus the game proceeds, as is well understood by those familiar with similar game-tables.

I do not, broadly, claim a game-table with a convex face, provided with ball-rests, and set with deflecting-pins, in combination with a ball-trip, and with pockets to arrest the balls; but I believe the above-described construction and arrangement of devices, and the combinations claimed, are new, and an improvement in this class of game-tables.

Having described my invention, I claim—

1. The V-shaped pockets *b*, in combination with the series of pins *c c*, and the cups *a* and *a'*, substantially as set forth.

2. The levers D, in combination with the stops F, having the head or knob above the rim A, and the slide-rod I, provided with the spring *j*, for the purpose of tripping the ball G, substantially as set forth.

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

CHARLES SONNENBERG.

Witnesses:

ADAM THIRIS,
H. J. BROWN.