No. 616,244. Patented Dec. 20, 1898.

E. MEYER.

GAME APPARATUS.

(Application filed Aug. 31, 1898.)

(No Model.)

Fig. 1.

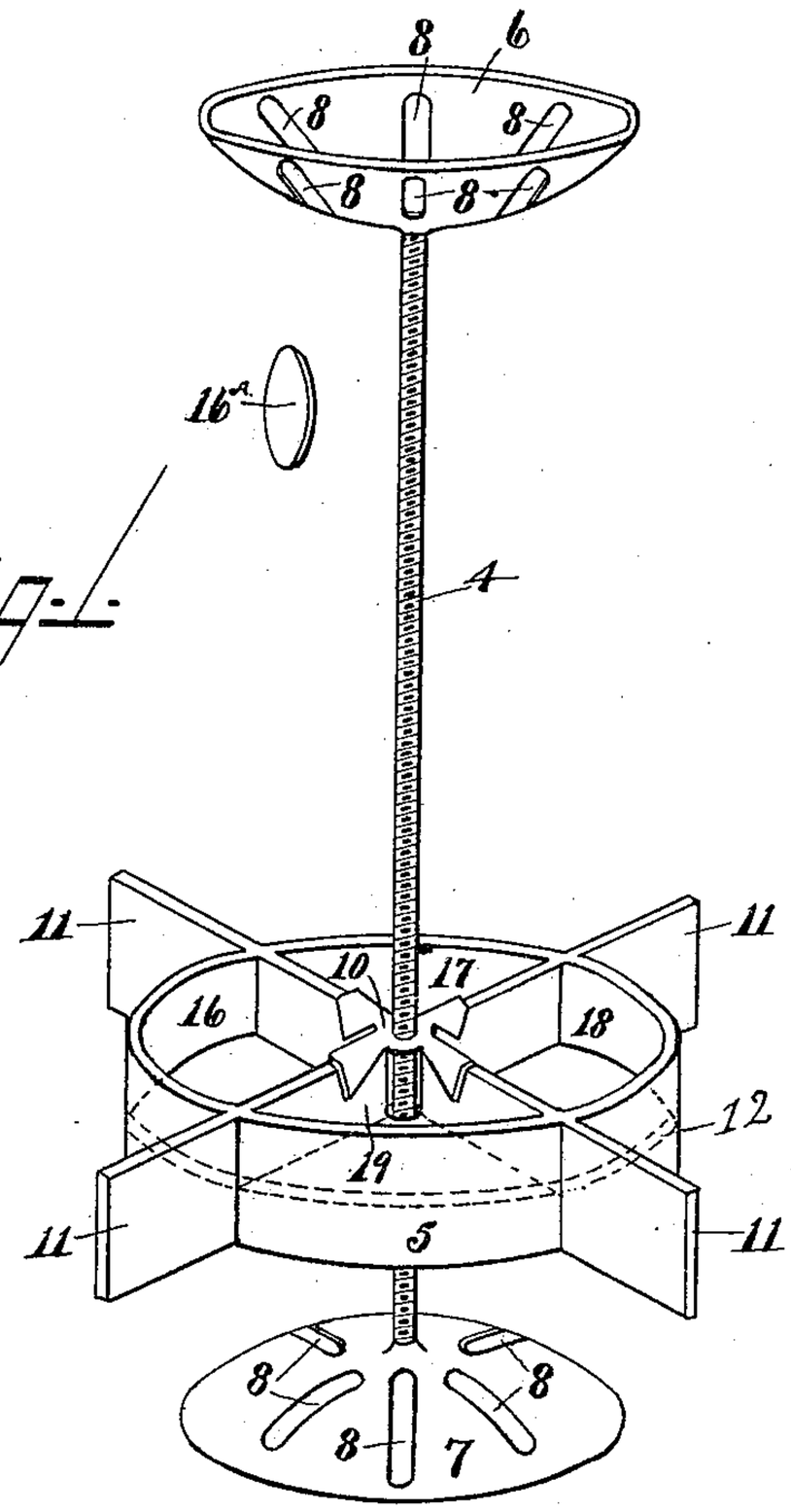
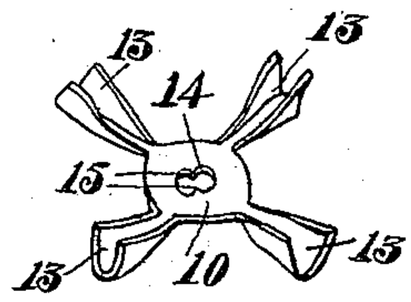


Fig. 2.



WITNESSES:

Walter C. Busey.

John W. Reere

INVENTOR

Emma Meyer

UNITED STATES PATENT OFFICE.

EMMA MEYER, OF PHILADELPHIA, PENNSYLVANIA.

GAME APPARATUS.

SPECIFICATION forming part of Letters Patent No. 616,244, dated December 20, 1898.

Application filed August 31, 1898. Serial No. 689,896. (No model.)

To all whom it may concern:

Be it known that I, EMMA MEYER, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Game Apparatus, of which the following is a specification.

My invention relates to a game apparatus, my object being to provide a device consisting of a spiral-threaded standard and a rotatable receptacle having a plurality of compartments, said receptacle adapted to engage with the spiral thread of the standard and to revolve or rotate about said standard in its downward descent upon said thread by force of gravity, the standard being provided at its upper extremity with a member, preferably cup-shaped and containing slots or perforations suitable for the passage therethrough of disks to be dropped into a designated compartment of the receptacle while rotating in its descent. I attain this object by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a view in perspective of my device, and Fig. 2 is a detail view in perspective of the clamping member adapted to be secured to the receptacle and to engage with the spiral thread of the standard.

In Fig. 1 the standard 4 is provided with a "spiral thread," by which expression I mean to include also spiral groove or its equivalent, and at each extremity with a cup-shaped member 6 and 7, having one or more slots or perforations 8. The lower member 7, as shown in Fig. 1, serves as a base for the standard 4, while through the perforations of the upper member 6 are to be dropped the disks 16^a, as hereinafter described, or upon inverting the device the member 6 serves as the base of the standard 4, while through the perforations 8 of the member 7 the disks are to be dropped.

The receptacle 5 may be circular in form and divided into compartments, as 16, 17, 18, and 19, by radiating partitions. At the center of radiation of these partitions the member 10 is provided, adapted to clamp securely each partition, said member 10 having a central aperture 14 for the passage therethrough of the standard 4. The interior of said aperture is threaded or provided with projections 15 to coöperate or engage with the thread of the standard 4, causing said receptacle to rotate as the thread of projection travels along the spiral thread of the standard 4. The receptacle 5 may also be divided horizontally by a partition or diaphragm 12, so that similar compartments will be presented for the reception of the disks upon the inversion of the device from the position shown in Fig. 1. A similar member 10 (not shown in Fig. 1) may be provided upon the vertically opposite side of said radiating partitions, so that the complete device will present identically the same features in the position shown in Fig. 1 and the inverted position. It will be obvious, however, that both members 10 need not be threaded or provided with projections for engagement with the thread of the standard 4, as the thread or projection of one of them will be sufficient to secure the engagement of the receptacle with the thread of the standard, and thereby secure the required rotation of said receptacle, in which case the other member 10 may have a smooth opening sufficiently large to permit it to slide smoothly along the standard. Extensions 11 of the partitions may be provided to serve as fans to retard the otherwise too rapid movement of the receptacle in its rotation and may be varied in size to procure or maintain the required speed of rotation. Each of the compartments 16, 17, 18, and 19 may be differently colored or otherwise marked, so as to be readily distinguishable one from the other.

Disks of cardboard or other suitable material are provided for the players.

The operation of the apparatus is as follows: Assuming that the member 6 has been the base of the standard 4 and the receptacle 5 has traveled downward to it, the apparatus is then inverted into the position shown in Fig. 1, the receptacle then being at the highest possible point on the standard 4. It is there held by the hand until the player is ready to start, when it is released and begins at once to descend, rotating about the standard. The player being provided with a certain number of disks, which he must drop one by one before the receptacle has reached the bottom of the standard, proceeds to drop them one by one through the slots 8 in member 6, endeavoring to time the release of each disk

so that it will fall into the compartment corresponding in color with the color of his disk or into such compartment as it may be predetermined he shall drop them, the disks falling into the compartment so predetermined counting for him, while those falling into any of the other compartments not counting or counting against him. When the receptacle 5 has reached the limit of its descent, the apparatus is again inverted, as above described, and the disks are dropped through the slots in member 7 in the same manner as above described with respect to member 6, and so on, the apparatus being inverted or reversed after each play.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. In a game apparatus, the combination of a threaded standard, a receptacle adapted to surround and rotatably ride up and down upon said standard and provided with a plurality of compartments and a perforated member at the extremity of the standard, substantially as described.

2. A game apparatus comprising a threaded standard, a receptacle adapted to engage with and rotatably ride up and down upon said standard and having a plurality of compartments suitably distinguished one from the other by colors or marks and provided with fan projections for retarding its rotating movement, substantially as and for the purpose described.

3. A game apparatus comprising a threaded standard, an invertible receptacle having a diaphragm midway its top and bottom edges and adapted to engage with and rotatably ride up and down upon said standard and having a plurality of compartments suitably distinguished one from the other by colors or marks and provided with fan projections for retarding its rotating movement substantially as and for the purpose described.

4. A game apparatus comprising a vertical standard provided with a spiral thread, a receptacle adapted to engage with said spiral thread and rotatably ride up and down upon said standard and provided with a plurality of compartments, said compartments visually distinguishable one from the other substantially as and for the purpose described.

5. A game apparatus comprising a vertical standard provided with a spiral thread, a receptacle adapted to engage with said spiral thread and rotatably ride up and down upon said standard and provided with a plurality of compartments, said compartments visually distinguishable one from the other, a perforated member at the extremity of the standard substantially as and for the purpose described.

6. A game apparatus comprising a vertical standard provided with a spiral thread, a receptacle adapted to engage with said spiral thread and rotatably ride up and down upon said standard and provided with a plurality of compartments visually distinguishable one from the other and a perforated member at each extremity of the standard substantially as and for the purpose described.

EMMA MEYER.

Witnesses:
JOHN W. REEVE,
JNO. STOKES ADAMS.