

No. 649,429.

W. W. BRISCOE.
PUZZLE.

Patented May 15, 1900.

(Application filed Feb. 5, 1900.)

(No Model.)

Fig. 1.

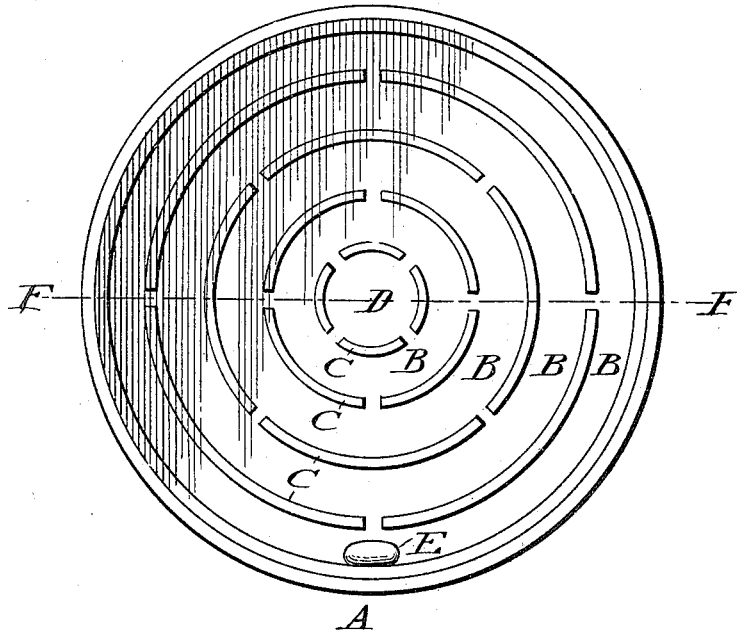
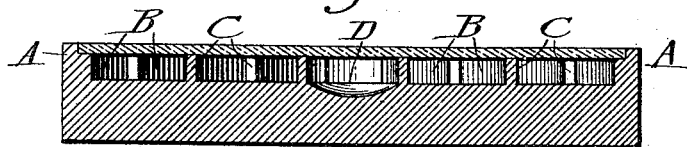


Fig. 2.



Witnesses:

Alex. Scott

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UNITED STATES PATENT OFFICE.

WALTER WELMORE BRISCOE, OF HENDERSON, NORTH CAROLINA.

PUZZLE.

SPECIFICATION forming part of Letters Patent No. 649,429, dated May 15, 1900.

Application filed February 5, 1900. Serial No. 3,995. (No model.)

To all whom it may concern:

Be it known that I, WALTER WELMORE BRISCOE, a citizen of the United States, residing at Henderson, in the county of Vance, State of North Carolina, have invented a new and useful Improvement in Puzzles; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to puzzles; and it consists in the construction of a glass-covered box, so constructed that mercury cannot escape, circular in form, containing a system of walls or partitions, also circular in form, reaching from the bottom of the box to the glass top, leaving a series of alleyways or grooves between each wall or partition. There are a series of openings in each one of the walls or partitions at regular intervals. The alleyways or grooves are the same depth between the walls or partitions, except the inside circle, where a depression is made. A ball of mercury is placed in the outside alleyway or groove, and the object is, by careful manipulation, to get all the mercury into the depression in the center of the box.

In the drawings, Figure 1 is a perspective view of my improved puzzle, showing portions of the box in section. Fig. 2 is a vertical longitudinal section of same cut directly through the middle of the box from F to F, as shown in Fig. 1.

The box consists of a system of walls or partitions and alleyways or grooves circular in formation with a depression in the center circle.

Wall A in both Figs. 1 and 2 is the outside wall or partition and encircles the entire box unbroken. The sections B are the alleyways or grooves, as will be seen in both Figs. 1 and 2, but more clearly illustrated in Fig. 2. Walls or partitions C are circular in form, but are broken at regular intervals by openings H to allow the passage of the mercury E. In the center circle or alley D is a depression or receptacle for the reception of the mercury. It is also very clearly illustrated in Fig. 2.

I am aware that mercury securely inclosed in a box having a glass top has been heretofore used in games, and I therefore do not broadly claim the same; but

What I do claim as novel, and desire to secure by Letters Patent, is—

The combination of a round box provided with a flat bottom with a depression in the center, having a number of concentric partitions arranged thereon, each of which is provided with one or more openings, the openings of each partition being arranged opposite continuous portions of the partition next adjacent, in combination with a globule of quicksilver adapted to be shaken from the outside of the outside partition to the depression in the center, or vice versa, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

WALTER WELMORE BRISCOE.

Witnesses:

A. S. WILLIAMS,
F. W. BUCKLER.