

No. 652,477.

B. O. GRISWOLD.
GAME.

Patented June 26, 1900.

(Application filed Nov. 9, 1899.)

(No Model.)

FIG. 1

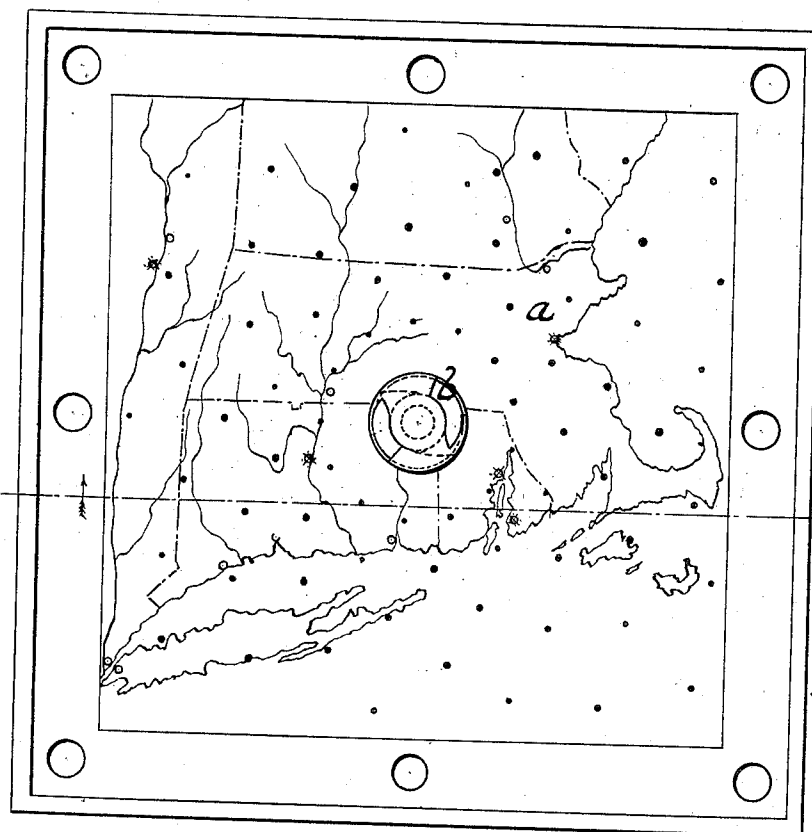
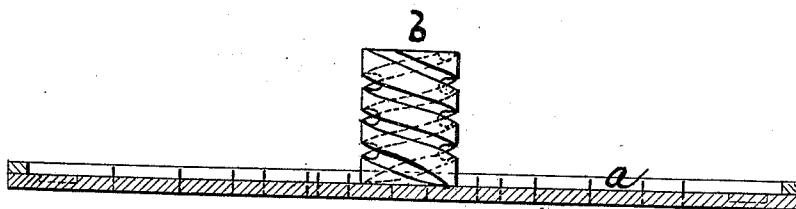


FIG. 2



WITNESSES
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Att'y

UNITED STATES PATENT OFFICE.

BYRON O. GRISWOLD, OF WINDSOR, CONNECTICUT.

GAME.

SPECIFICATION forming part of Letters Patent No. 652,477, dated June 26, 1900.

Application filed November 9, 1899. Serial No. 736,360. (No model.)

To all whom it may concern:

Be it known that I, BYRON O. GRISWOLD, a citizen of the United States of America, residing and having post-office address at Windsor, in the county of Hartford, State of Connecticut, have invented a certain new and useful Improvement in Instructive Games, of which the following is a description, reference being had to the accompanying drawings, wherein—

Figure 1 is a plan view. Fig. 2 is a view in central vertical section on the plane denoted by the dotted line *xx*.

The object of the improvement is the production of a game which will serve at once for instruction and amusement, to which end the construction of the device is preferably substantially that described below.

In the accompanying drawings the letter *a* designates the game-board, here shown as inscribed upon its face with a map of New England.

The letter *b* denotes a tower, here shown as cylindrical in contour and located at about the center of the board. It has in its periphery one or more ball-races, preferably two, here shown as spiral, with tangential exits at their ends and of a size that will accommodate an ordinary marble. The tower is supported in such manner upon the base as to be capable of adjustment rotarily around its axis, whereby the exit from each ball-race onto the board may be directed on any desired line over the tower by simply setting the lat-

ter manually on its axial pivot either before the ball starts or while it is running.

In the use of this device the object to be attained may be to cause the ball to come to rest at a particular spot on the board, or, in the present instance, upon a particular division of the map, and this will naturally instruct the player as to the geography which the map delineates. The ball is placed in the upper end of one of the ball-races and permitted to run down the same, and upon its exit therefrom it will be delivered tangentially from the tower onto the board with a force depending upon the weight of the ball and the length of the race and on a line depending on how the tower has been set on its axis. If there are a plurality of races, several balls can be played simultaneously or in quick succession, the tower remaining stationary or being adjusted rotarily meanwhile.

I claim as my invention—

In a game, the combination with a flat board inscribed with a map upon its face; of a tower mounted upon a pivot at about the center of the board and in such manner as to permit its adjustment rotarily around its axis, and a plurality of spiral ball-races in said tower whose exits deliver tangentially to its axial pivot and onto the surface of the board, substantially as described.

B. O. GRISWOLD.

Witnesses:

W. E. SIMONDS,
LEUTGARD MORBA.