

No. 632,890.

Patented Sept. 12, 1899.

C. H. BOWIE.

PUZZLE.

(Application filed Nov. 16, 1898.)

(No Model.)

Fig. 1.

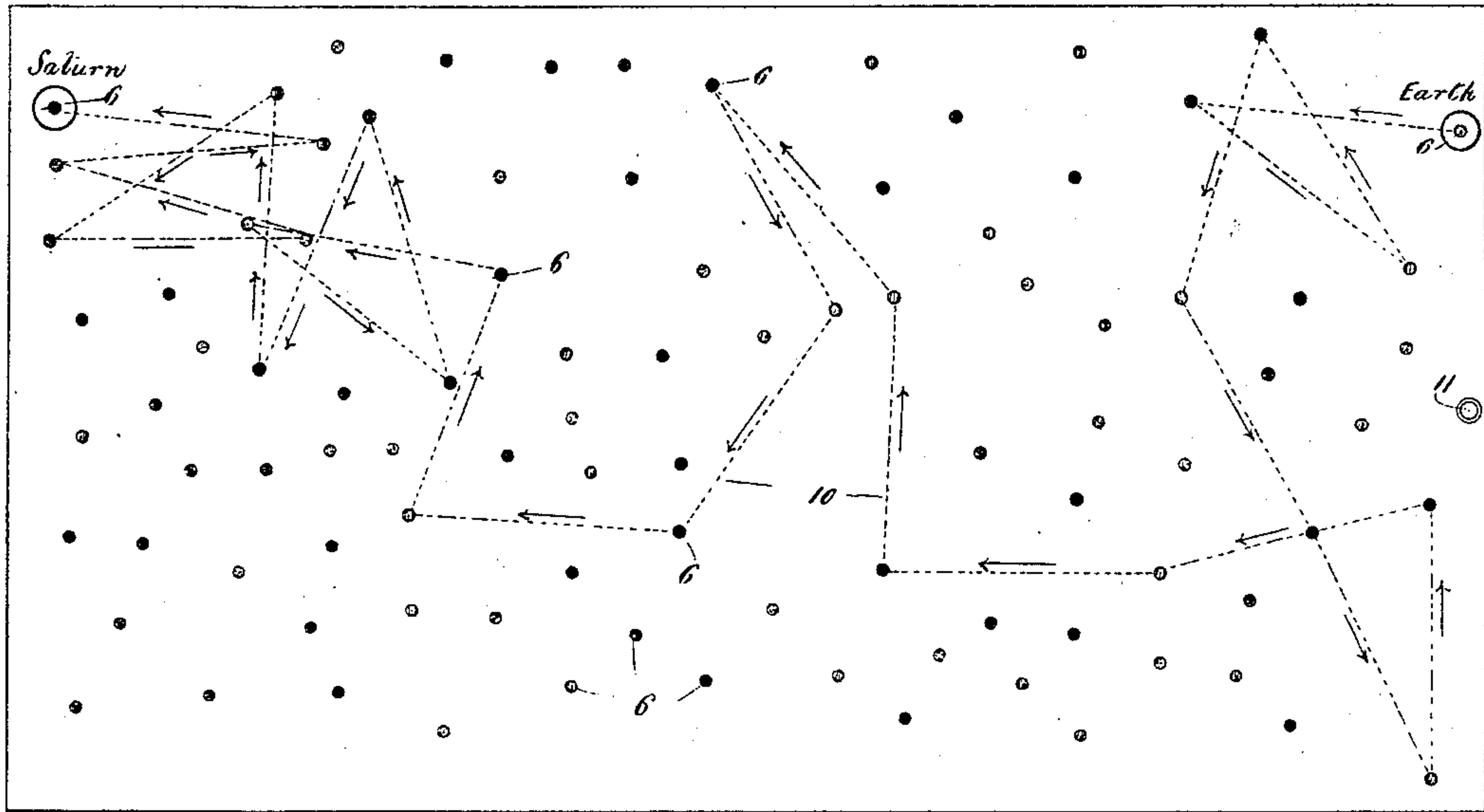


Fig. 2.

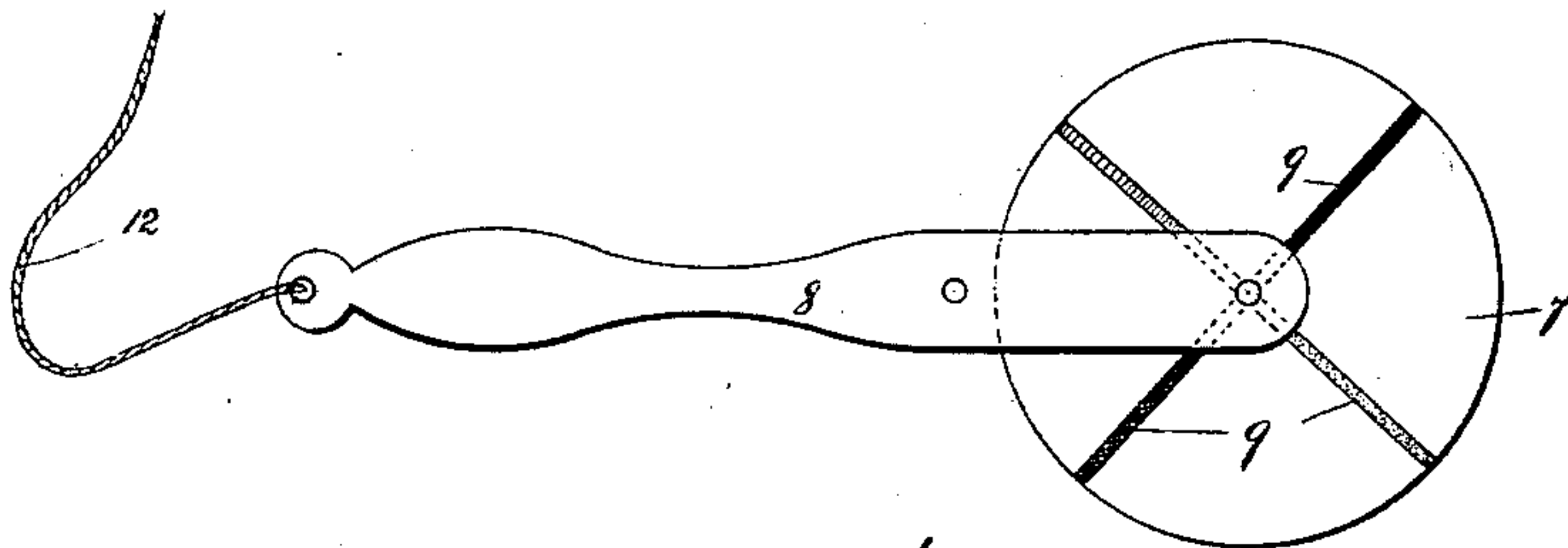
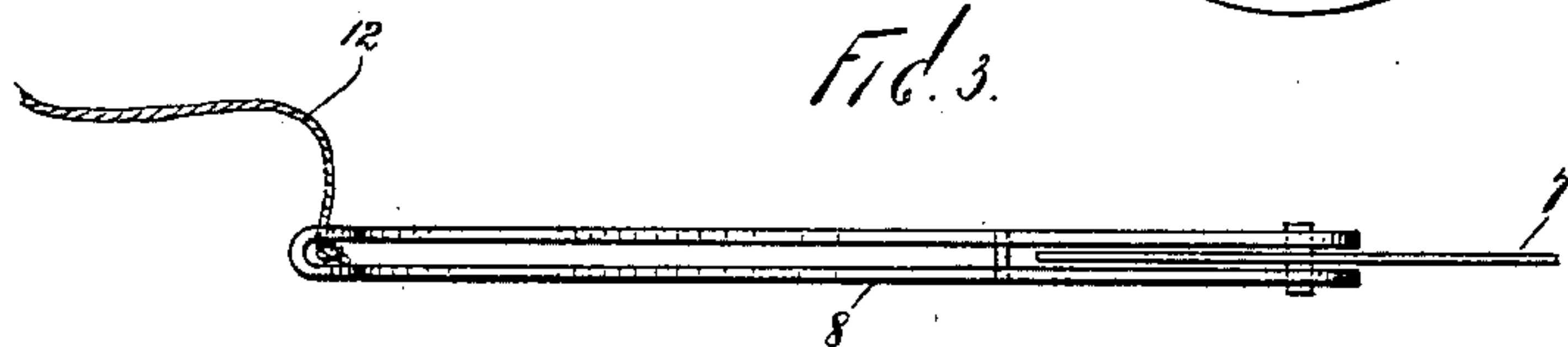


Fig. 3.



WITNESS

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UNITED STATES PATENT OFFICE.

CHARLES H. BOWIE, OF LISBON FALLS, MAINE.

PUZZLE.

SPECIFICATION forming part of Letters Patent No. 632,890, dated September 12, 1899.

Application filed November 16, 1898. Serial No. 696,580. (No model.)

To all whom it may concern:

Be it known that I, CHARLES H. BOWIE, a citizen of the United States, residing at Lisbon Falls, in the county of Androscoggin and State of Maine, have invented certain new and useful Improvements in Puzzles, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to puzzles and game devices; and the object thereof is to provide an improved device of this class which I call the "Constellation Puzzle" and which is difficult of solution, but the solution of which may be accomplished as hereinafter described, a further object being to provide a device of this class which may be also employed as an advertising medium.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which—

Figure 1 is a plan view of a card and representing in diagrammatic form a part of the puzzle and the solution thereof; Fig. 2, a side view of a part of the apparatus which constitutes the puzzle, and Fig. 3 an edge view thereof.

In the drawings forming part of this specification the separate parts of my improvement are designated by the same numerals of reference in each of the views, and in the practice of my invention I provide a card or game-board 5, preferably composed of cardboard or other stiff paper, and placed thereon are a plurality of dots 6, representing stars, one of which, at the upper right-hand corner, is preferably designated as the "Earth," and another, at the upper left-hand corner, as "Saturn," although these designations are purely arbitrary and may or may not be employed.

The stars 6 are of different colors, four different colors being employed, and I also provide a disk or wheel 7, (shown in Figs. 1 and 2,) which is pivotally mounted in a yoke-shaped handle 8, and said disk or wheel is provided on its opposite sides with radial lines 9, which are also of four different colors, said colors corresponding with those of the stars 6.

In the solution of the puzzle the handle 8

is taken in one hand and the perimeter of the disk or wheel 7 is placed on the star which represents the earth, one of the lines 9 corresponding in color with the color of said star, being brought so as to register with said star. The disk or wheel is then turned so as to bring the various lines thereon in connection with stars of the same color, the process or method of performing this operation being clearly indicated by the dotted lines and the direction of the arrows in Fig. 1. The object of moving the wheel in this manner is to pass from star to star until the wheel reaches the star in the upper left-hand corner of the card which represents Saturn, and the line on the disk or wheel which registers with this star must be of the same color thereof, and it will be understood that throughout the operation of moving the disk or wheel, as described, the lines on the wheel which come in connection with or register with the various stars must always be of the same color as said stars.

As hereinbefore stated, the selection of the stars in the upper right-hand and upper left-hand corners of the card as the objective points is immaterial and other stars may be selected and different points may also be selected as objective points. It will also be understood that in practice the dotted line 10 is not placed upon the card, said dotted line being employed in the drawings simply for the purpose of illustrating the method of the solution of the puzzle, and said solution without the employment of the said dotted line is very difficult, but may be accomplished by the exercise of care, skill, and ingenuity in the manipulation of the disk or wheel 7.

The card 5 may be of any desired shape, and I also preferably provide said card at one end with an eyelet 11, and the handle 8 of the wheel or disk 7 is provided with a cord 12, which in practice is passed through said eyelet and tied to said card, and said cord in practice is made long enough to permit of the operation of the wheel or disk as hereinbefore described.

The back and front of the card 5 may be employed as an advertising medium, and any desired advertisement may be placed thereon and the disk or wheel 7 and the handle thereof may be also similarly employed.

Having fully described my invention, I

claim as new and desire to secure by Letters Patent—

1. A puzzle, comprising a card or game-board having a plurality of stars or spots of
5 different colors arranged thereon, and a disk or wheel provided with a handle pivotally connected therewith centrally thereof, said disk or wheel being adapted to be rolled over the card or game-board, and being also pro-
10 vided with radial lines, the colors of which correspond with the colors of the stars or spots, said stars or spots being adapted to register with the radial lines on the disk or wheel when the latter is rolled over a certain course,
15 substantially as shown and described.

2. A puzzle, comprising a card or game-board having a plurality of spots which represent stars, and which are of different colors, a disk or wheel provided with a handle
20 pivotally connected with the center thereof,

said disk or wheel being adapted to be rolled over said card or game-board, and being also provided with radial lines which correspond in color with the color of the stars or spots, the spots or stars on the card or game-board
25 being adapted to register with the radial lines on the disk or wheel when the latter is rolled over a certain course, and means for connecting the handle of the disk or wheel with said card or game-board, substantially as shown
30 and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 12th day of November, 1898.

CHARLES H. BOWIE.

Witnesses:

GEORGE E. HUSKINS,
CHARLIE H. GREEN.