A puzzle disc including a body portion, a cover having two open slots extending inwardly from its circumference and fitted in a central portion of the body portion thereby forming a track having a neck portion between the cover and the body portion, a circular member rotatably arranged in the body portion, and a plurality of movable elements fitted in the track, whereby the degree of difficulty in playing the puzzle disc can be adjusted to fit for players with different intelligence.
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PUZZLE DISC

BACKGROUND OF THE INVENTION

1. Field of the Invention

This invention relates to an improved puzzle disc.

2. Description of the Prior Art

It has been found that the conventional puzzle disc (see FIG. 1) includes a body portion 1 in which are fitted a cover 12 and a circular member 13 having a passage 131. Between the body portion 1 and cover 12 there is a track 14 in communication with the passage 131 of the circular member 13. A plurality of movable elements 15 are fitted into the track 14. The sequence of the movable elements 15 can be changed by the circular member 13 and the track 14. However, the degree of difficulty in playing such a puzzle disc cannot be adjusted to fit for players with different intelligence.

Therefore, it is an object of the present invention to provide a puzzle disc which can obviate and mitigate the above-mentioned drawbacks.

SUMMARY OF THE INVENTION

This invention relates to an improved puzzle disc.

It is the primary object of the present invention to provide a puzzle disc which is adjustable in the degree of difficulty in playing.

It is another object of the present invention to provide a puzzle disc which is interesting and can cause much fun in playing.

It is still another object of the present invention to provide a puzzle disc which is simple in construction.

It is still another object of the present invention to provide a puzzle disc which is low in cost.

It is a further object of the present invention to provide a puzzle disc which is facile to manufacture.

Other objects of the invention will in part be obvious and in part hereinafter pointed out.

The invention accordingly consists of features of construction and method, combination of elements, arrangement of parts and steps of the method which will be exemplified in the constructions and method hereinafter disclosed, the scope of the application of which will be indicated in the claims following.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a top view of a prior art puzzle disc;
FIG. 2 is a top view of the present invention;
FIG. 3 is a sectional view of the present invention;
FIG. 4 illustrates a first method of playing the present invention;
FIG. 5 illustrates a second method of playing the present invention;
FIG. 6 illustrates a third method of playing the present invention;
FIGS. 7 and 8 illustrate a fourth method of playing the present invention.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

For the purpose of promoting an understanding of the principles of the invention, reference will now be made to the embodiment illustrated in the drawings. Specific lan-
I claim:

1. A puzzle disc comprising:
   a body portion having a vertical wall around a circumference thereof and a flange extending inwardly from an upper edge of said vertical wall;
   a cover having a leg depending downwardly from a circumference thereof and a flange extending outwardly from an upper edge of said leg, and two open slots extending inwardly from said circumference of said cover, said cover being fitted in a central portion of said body portion thereby forming a track having a neck portion between said cover and said body portion, said slots having same width as said neck portion;
   a circular member rotatably arranged in said body portion and having a center aligned with a center line of said track, said circular member being formed with a passage across a diameter thereof; and
   a plurality of movable elements fitted in said track and being cylindrical in shape, said movable element having a lower portion with a diameter larger than said neck portion and an upper end concentric with said lower portion and having a diameter smaller than said lower portion and said neck portion.

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