

No. 844,189.

PATENTED FEB. 12, 1907.

F. RINGL.
PUZZLE.

APPLICATION FILED APR. 5, 1906.

Fig. I.

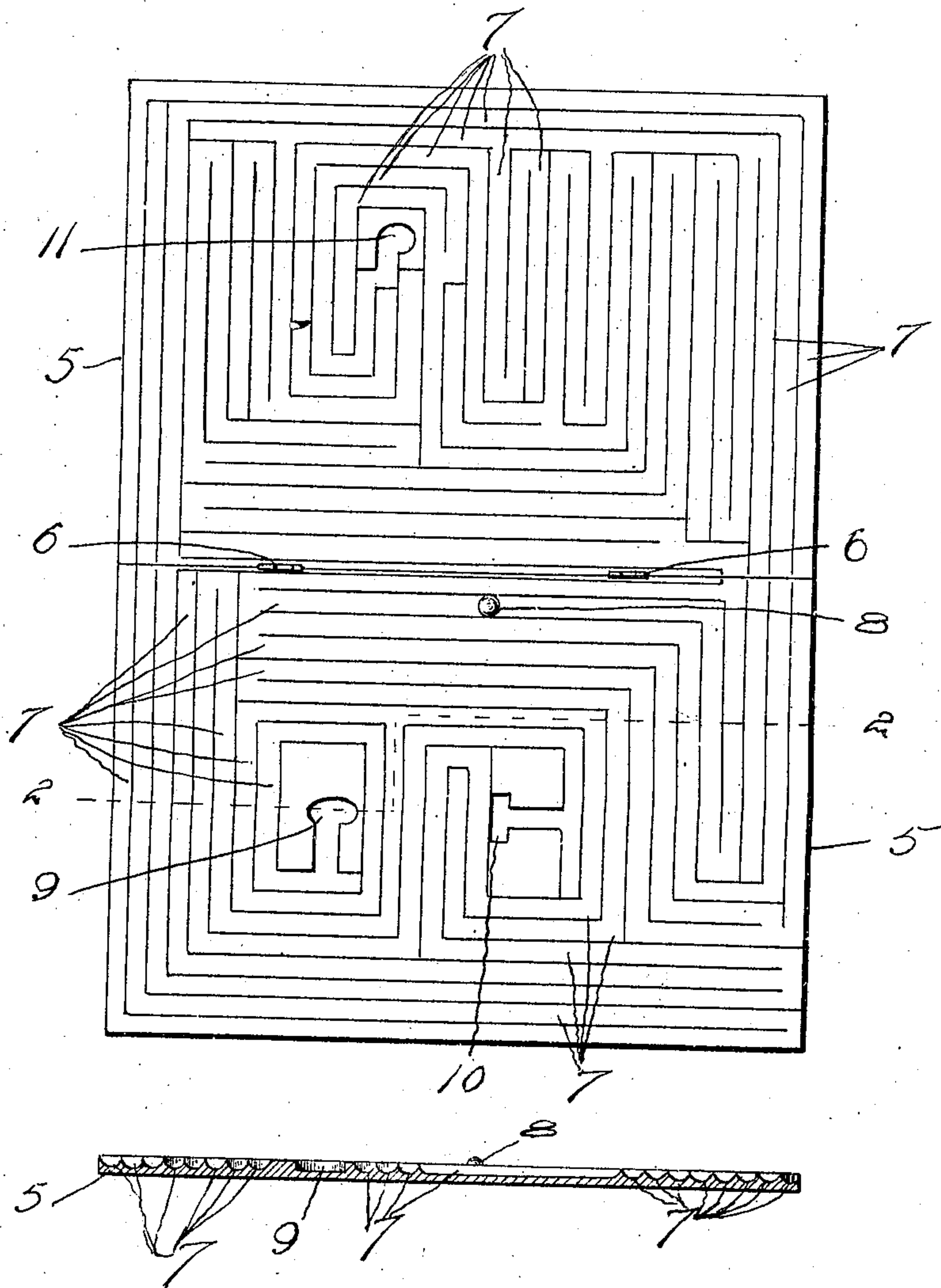


Fig. 2.

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UNITED STATES PATENT OFFICE.

FELIX RINGL, OF ARNOLD, PENNSYLVANIA.

PUZZLE.

No. 844,189.

Specification of Letters Patent.

Patented Feb. 12, 1907.

Application filed April 5, 1906. Serial No. 310,163.

To all whom it may concern:

Be it known that I, FELIX RINGL, a citizen of the United States, residing at Arnold, in the county of Westmoreland, State of Pennsylvania, have invented certain new and useful Improvements 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.

This invention relates to puzzles, and more particularly to that class known as "maze" puzzles.

The invention resides in the provision of a metallic sheet or board having a series of intercommunicating grooves stamped therein to represent underground passages in a coal-mine and a ball of any suitable material to be propelled in the grooves from one point to another.

The primary object of the invention is to provide a puzzle of this nature which may be manufactured and sold at an extremely low cost.

In the accompanying drawings, Figure 1 is a plan view of the invention, and Fig. 2 is a sectional view on the line 2 2 of Fig. 1.

Referring more specifically to the drawings, the numeral 5 denotes a metallic board, here

shown in two sections, which are hinged, as at 6. Stamped in each of the sections forming the board are a number of grooves 7, which are substantially semicylindrical in cross-section to receive a ball 8, of any suitable material.

The numerals 9, 10, and 11 denote, respectively, the starting-point or "hoist-shaft," the "air-shaft" or blind, and the outlet or finish. Each of these points is designated by a concave recess and, if desired, a pictorial representation of the portion of the mine designated. One of the series of grooves leads from each of these points and communicates with other intercommunicating grooves. There is, however, but one route to the outlet or finish, and the object of the puzzle is therefore to propel the ball 8 over the board until this route is found.

What is claimed is—

A device of the class described comprising a pair of hinged members having intercommunicating grooves formed therein.

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

FELIX RINGL.

Witnesses:

ADOLF AMBROSE,
TONJ BAGDORN.