

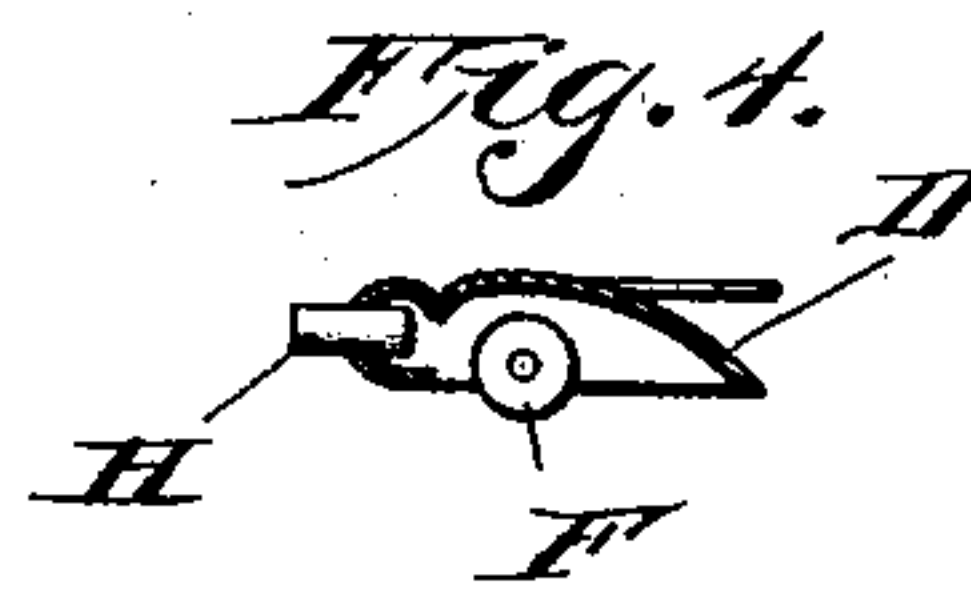
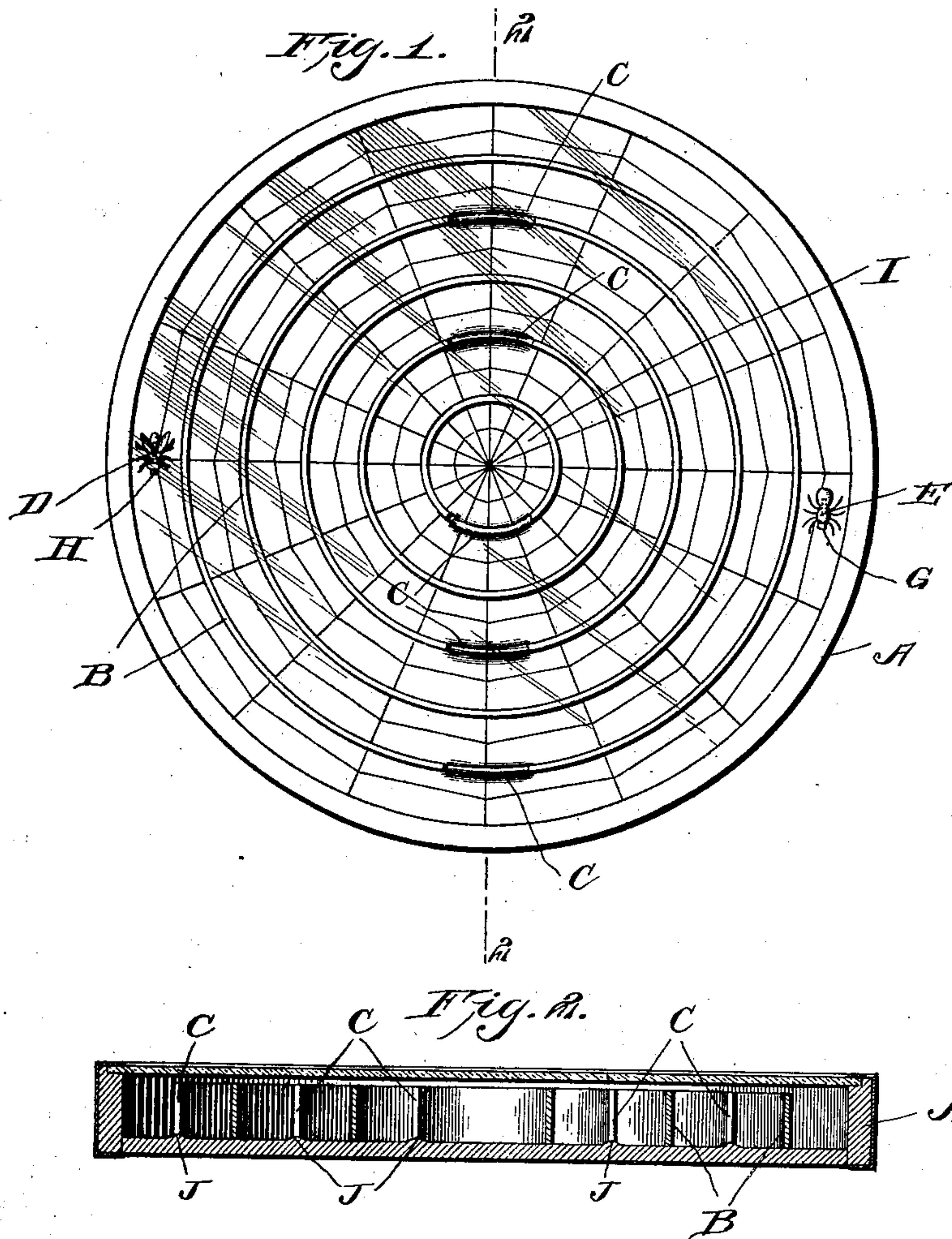
No. 701,832.

Patented June 10, 1902.

J. H. BENNETT & M. L. ZIMMERMANN.
GAME OR PUZZLE.

(Application filed Sept. 10, 1901.)

(No Model.)



Witnesses:

Louis D. Heinrichs
L. H. Morrison

Inventors
John H. Bennett
Morris L. Zimmermann
By W. Preston Williamson
Atty

UNITED STATES PATENT OFFICE.

JOHN H. BENNETT AND MORRIS L. ZIMMERMANN, OF PHILADELPHIA,
PENNSYLVANIA.

GAME OR PUZZLE.

SPECIFICATION forming part of Letters Patent No. 701,832, dated June 10, 1902.
Application filed September 10, 1901. Serial No. 74,885. (No model.)

To all whom it may concern:

Be it known that we, JOHN H. BENNETT and MORRIS L. ZIMMERMANN, residing at Philadelphia, county of Philadelphia, and State of Pennsylvania, have invented a certain new and amusing Game or Puzzle, of which the following is a specification.

Our invention relates to a new and amusing game or puzzle, and has for its object to provide a puzzle or game which is made to represent a spider-web and has a movable spider and fly, the object of the game or puzzle being to manipulate the same so that the spider will catch the fly and drag it through the several passages to the center.

With these ends in view this invention consists in the details of construction and combination of elements hereinafter set forth, and then specifically designated by the claims.

20 In order that those skilled in the art to which this invention appertains may understand how to make and use the same, the construction and operation will now be described in detail, referring to the accompanying drawings, forming a part of this specification, in

25 which—
Figure 1 is a plan view of our invention;
Fig. 2, a section on the line 2 2 of Fig. 1;
Fig. 3, a cross-section through the fly, and
30 Fig. 4 a longitudinal section through the same.

In the drawings, A represents a circular box, which may be made of wood, pasteboard, sheet metal, or other material, and is adapted to be covered by some transparent material—such as glass, mica, or the like—and upon the interior of the box are arranged a number of concentric rings B of pasteboard or other material extending between the bottom of the box and the transparent cover or within a short distance of the cover. Thus these rings or partitions will divide the interior of the box into a series of circular passages and each of the rings or partitions B have formed through them openings C, which will establish communication from one passage to the other; but these openings are arranged so as not to come opposite one another in adjacent rings or partitions, and it is preferable to arrange these openings so that the opening in each adjacent ring will be upon the opposite

side of the box to the openings of the rings upon each side of the same. The inside or bottom of the box may be painted to represent a spider-web; but this is merely for ornamentation and designed to appertain to the game.

D represents a fly, which will be manufactured of metal or other suitable material, and this fly has journaled upon the under side 60 and in the body thereof a small wheel or roller F. This roller will rest upon the bottom of the box, so as to allow the fly to move or roll easily around the circular passages.

E is a spider, which is also manufactured of metal or other suitable material, and this spider also has journaled underneath it a small wheel or roller for the purpose of allowing the spider to move freely along the bottom of the box. Located in the head of the spider is a small piece of magnetized steel G, and located in the head of the fly is a small piece of soft iron H. It is preferable that the wheel F, journaled in the fly, shall be made to move or roll more easily than the wheel journaled in the spider, so that the fly may move quicker and be more susceptible to any movement of the box than will be the spider.

The object of this game or puzzle is to manipulate the box so as to cause the spider to move toward the fly until it is near enough to allow the magnetized steel G to attract soft iron H, and then by proper manipulation of the box cause the spider and the fly to enter the central compartment together around through the different passages and openings C into the central compartment I. Both the spider and fly enter the central compartment together and dragging it through its web to the appearance of the spider catching and dragging it through its web to the

For the purpose of making this puzzle more difficult to accomplish the bottom of the box A may be formed with ridges J, raised above the bottom of where the openings C occur. The spider will tend to disengage the spider from the openings C unless it is extremely careful or skilful, and spider has been disengaged from the fly, being able to move quicker easily than the spider, will prob-

lar circle before it is again caught by the spider, and thus this will make the game more hazardous and interesting.

Of course we do not wish to be limited to the exact construction here shown, as modifications could be made without departing from the spirit of the invention—as, for instance, the box could be divided up in other forms and the passages could be formed of any shape or size and the openings through the partitions could be of any number or arranged in any position.

Having thus fully described our invention, what we claim is—

1. In a game or puzzle, a box having compartments and passages therebetween, obstructions in the passages, movable pieces varying in susceptibility to the movement of the box, means whereby the pieces may be magnetically connected and whereby the movement of one is communicated to the other.
2. In a device of the character described, a box, pieces movable therein, rollers for supporting the pieces, the roller on one piece being more sensitive to the movement of the box than the roller on the other pieces and means for magnetically connecting the pieces.
3. In a game or puzzle, a circular box, a transparent cover placed over said box, a circular central compartment, concentric circular partitions arranged around the central compartment at a distance one from the other so as to form a series of circular passages in between each two partitions, openings formed through said partitions at suitable places, the bottom of the box adapted to be painted or printed to represent a spider-web, ridges slightly raised above the openings through the partitions, two movable objects, one formed to represent a spider and the other a fly adapted to move along the passages, small wheels or rollers journaled underneath and in the body of said movable objects, said wheels or rollers resting upon the bottom of the box, the wheel or roller within the fly adapted to roll more easily than the wheel or roller within the spider, a piece of magnetized steel secured in one of the objects and projecting outward therefrom, a piece of soft iron secured in the other object and projecting outwardly therefrom, substantially as and for the purpose set forth.

In testimony whereof we have hereunto affixed our signatures in the presence of two subscribing witnesses.

JOHN H. BENNETT.
MORRIS L. ZIMMERMANN.

Witnesses:
L. W. MORRISON,
H. B. HALLOCK.