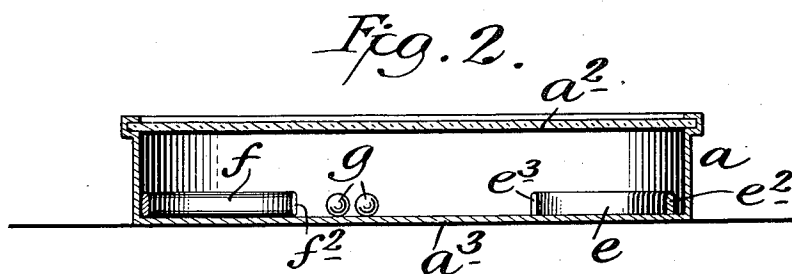
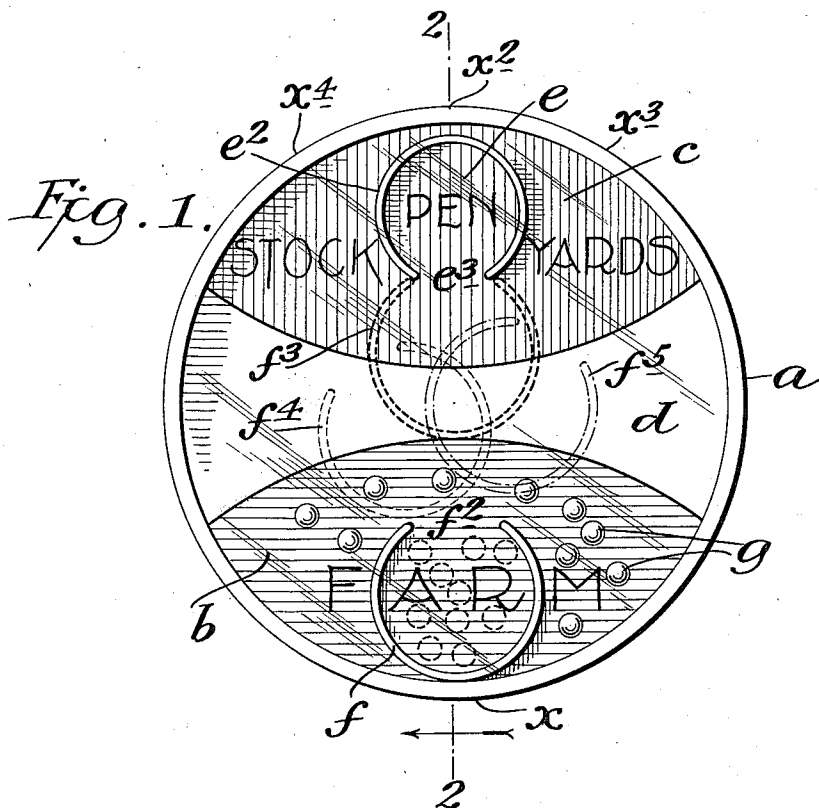


J. WENIG.
PUZZLE.

APPLICATION FILED SEPT. 20, 1911.

1,022,615.

Patented Apr. 9, 1912.



WITNESSES

A. R. Appleman
Frank J. At Lee

INVENTOR

JOHN WENIG.

BY

Edgar & Co.
ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOHN WENIG, OF SAGINAW, MICHIGAN, ASSIGNOR OF ONE-HALF TO EDWIN D. HENDERSON, JR., OF SAGINAW, MICHIGAN.

PUZZLE.

1,022,615.

Specification of Letters Patent.

Patented Apr. 9, 1912.

Application filed September 20, 1911. Serial No. 650,458.

To all whom it may concern:

Be it known that I, JOHN WENIG, a citizen of the United States, and residing at Saginaw, in the county of Saginaw and State of Michigan, have invented certain new and useful Improvements in Puzzles, of which the following is a 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 the object thereof is to provide an improved device of this class which is simple in construction and the solution of which is difficult, but may be accomplished by the exercise of care and skill in the manipulation of the device.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which:—

Figure 1 is a plan view of my improved puzzle, and; Fig. 2 is a transverse section thereof on the line 2—2 of Fig. 1.

In the practice of my invention I provide a box *a* which is preferably circular in form and provided with a transparent cover *a*². The bottom *a*³ of the box is preferably divided diagrammatically into two side portions *b* and *c* and a central transverse portion *d*, and the part *b* is preferably designated as a farm and the part *c* as stock yards, and within the part *c* and closely adjacent to the side rim of the box is a pen *e* formed by a circular wall *e*² and having a door *e*³ which opens in the direction of the center of the box. Within the box is loosely placed an open ring *f* having an opening at *f*² in one side thereof and within the box is also placed a plurality of balls *g*, ten of which are shown, but which may be of any desired number. The ring *f*, as well as the balls *g*, is free to move over the bottom of the box, and the solution of the puzzle consists in manipulating the box so as to get the ring *f* in the position shown in Fig. 1 and then manipulating the box so as to place the balls *g* in said ring, and then manipulating the box so as to move the ring *f* transversely across the box into the position shown in dotted lines at *f*³, in which position the ends of the ring will rest against the corresponding wall of the pen *e* at the door

or opening *e*³ and then by tilting the box all the balls will roll out of said ring into said pen.

The operation of moving the ring *f* with the balls *g* therein across the box into the position shown at *f*³ is preferably as follows:—The side *x* of the box is grasped in one hand and the opposite side *x*² of the box is gently and repeatedly tapped by a finger of the other hand, and this operation gradually draws the ring *f* across the box into the position shown in dotted lines at *f*³. In this operation, however, the ring *f* may assume the position shown at *f*⁴, and if so, a gentle tapping on the side of the box at *x*³ will draw said ring back into its proper position, when the tapping at *x*² may be repeated, or the ring *f* may assume the position shown at *f*⁵ when tapping at *x*⁴ will draw said ring back into its proper position. This solution of the puzzle is difficult, but after a little practice may be performed in a comparatively short space of time. If, during the operation of moving the ring *f* across the box as hereinbefore described, any of the balls should be dislodged or roll out of said box, the operator must begin over and proceed as hereinbefore described.

Having fully described my invention, what I claim as new and desire to secure by Letters Patent, is;—

1. A puzzle comprising a box having a transparent cover, a pen in one side of said box and having an opening toward the center thereof, an open ring movable on the bottom of said box, and a plurality of balls also freely movable in said box.

2. A puzzle comprising a circular box having a transparent cover and the bottom of which is provided at one side with a pen which opens in the direction of the center of the box, a ring open at one side and freely movable on the bottom of said box, and a plurality of balls also freely movable on the bottom of said box.

In testimony that I claim the foregoing as my invention I have signed my name in presence of the subscribing witnesses this 19th day of September 1911.

JOHN WENIG.

Witnesses:

C. E. MULREANY,
FRANK G. AT LEE.