

No. 665,861.

Patented Jan. 15, 1901.

F. ARMBRUSTER.

TOY PUZZLE.

(Application filed May 1, 1900.)

(No Model.)

Fig. 1.

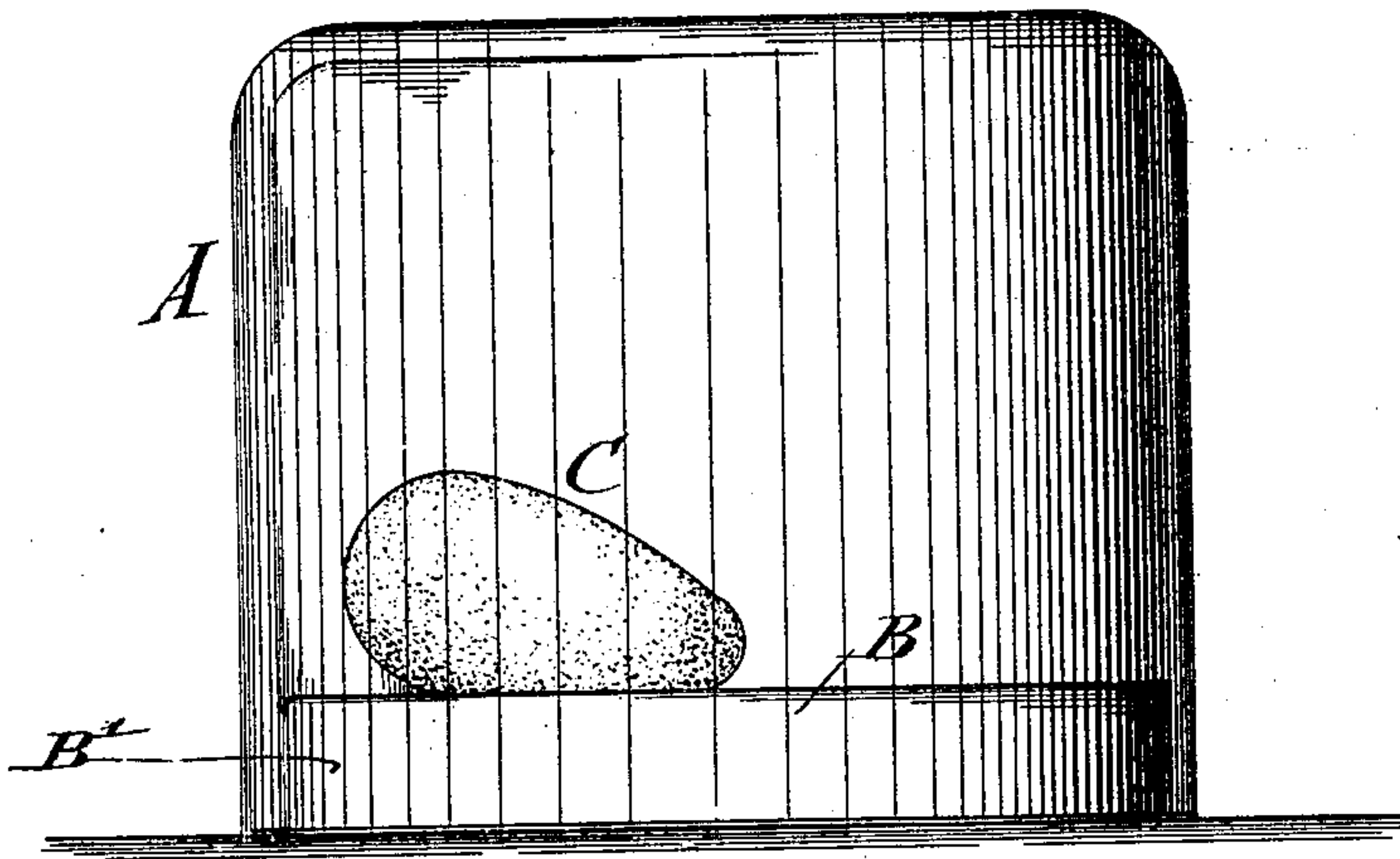


Fig. 2.

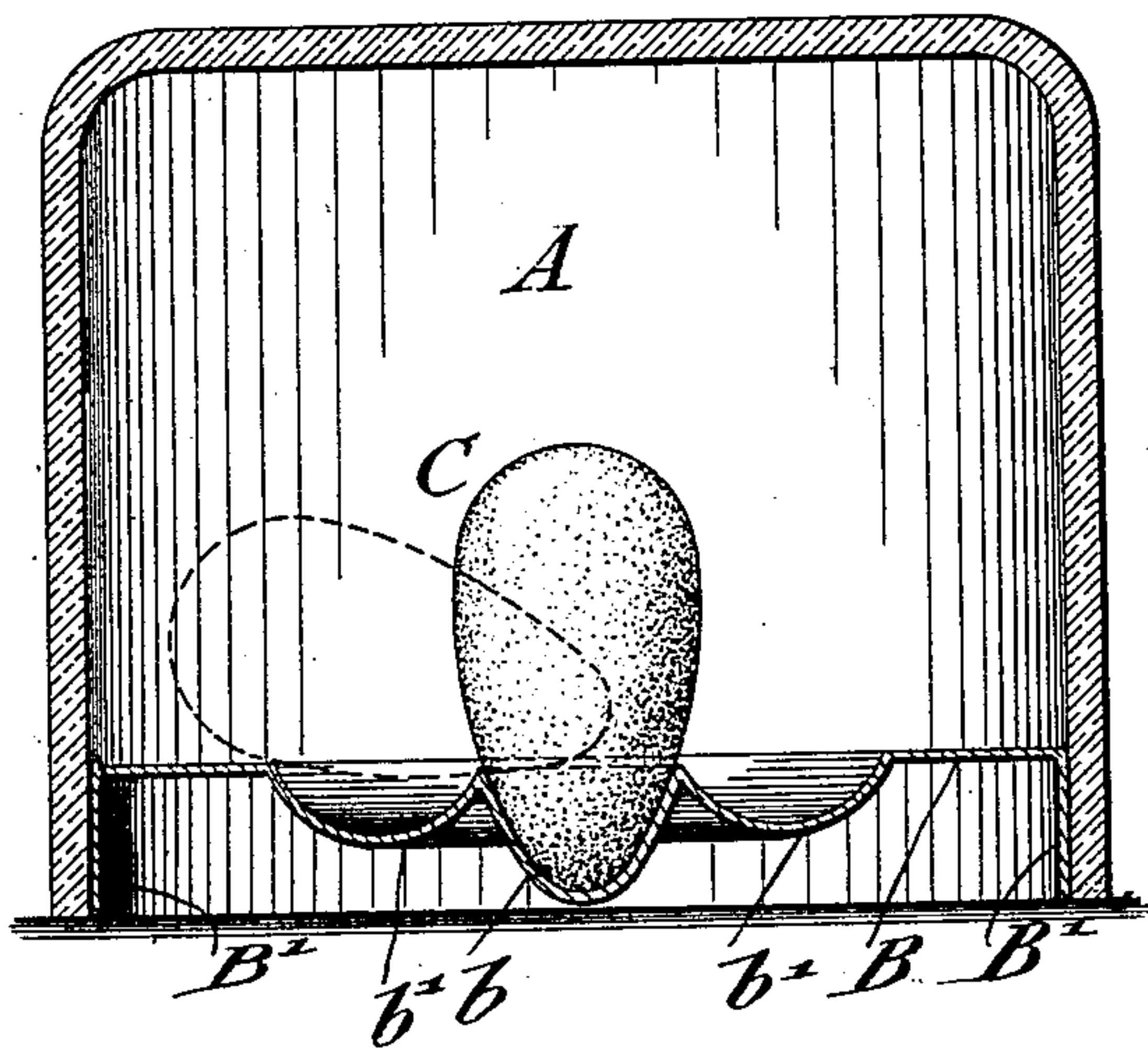
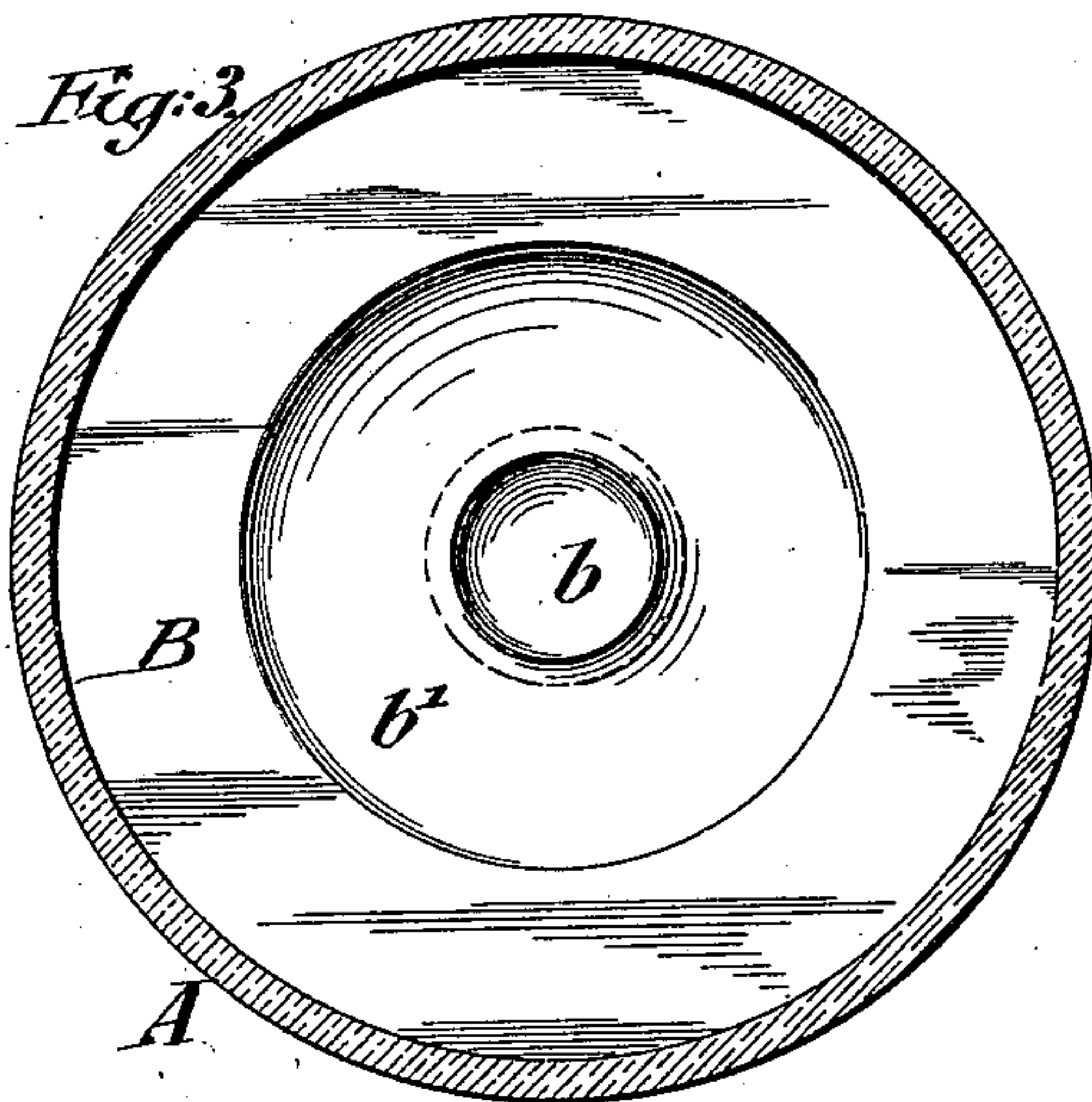


Fig. 3.



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TOY PUZZLE.

SPECIFICATION forming part of Letters Patent No. 665,861, dated January 15, 1901.

Application filed May 1, 1900. Serial No. 15,041. (No model.)

To all whom it may concern:

Be it known that I, FRIEDRICH ARMBRUSTER, a citizen of the Empire of Germany, residing at New York, borough of Bronx, State of New York, have invented certain new and useful Improvements in Toy Puzzles, of which the following is a specification.

This invention relates to a toy puzzle of that class in which an ovoid object simulating an egg is inclosed in a glazed box, the object being to play one end of the ovoid body into a socket in the bottom of the box.

The object of the present invention is to simplify the construction of and to render more difficult the seating of one end, in the present invention the point or apex of the ovoid body, in the receiving-socket.

The invention consists of a toy puzzle comprising a box composed of a top casing of glass and a bottom secured in the lower part of said casing and stamped out of a piece of sheet metal in such shape as to provide a central conoidic socket surrounded by an annular gutter, the inner periphery of the gutter and the upper portion of said socket converging in angular form, whereby the difficulty of manipulating the device so as to seat the point or apex of the ovoid body in the socket is increased, all as will be hereinafter described and then particularly claimed.

In the accompanying drawings, Figure 1 is a side elevation of my improved toy puzzle. Fig. 2 is a vertical central section, and Fig. 3 is a horizontal section, thereof.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, A indicates a casing of glass, open at its lower end, in which is suitably fixed a bottom B of stamped-up sheet metal. The bottom B is formed with an annular downturned flange B', which is of sufficient springiness and which is of the right size to secure a snug fit of the same into the lower part of the top casing A. Said bottom B is struck up with a central downwardly-pointing socket b of conoid shape and sur-

rounded by an annular gutter b', the inner periphery of which converges with the upper part of said socket, so as to form an acute cross-section.

The box, composed of casing A and bottom B, contains an ovate or egg-shaped body C, made, preferably, of wood.

In manipulating the box for standing the egg on its point, as distinguished from its butt, it will be found that the heavier butt and the gutter around the receiving-socket tend to prevent the easy seating of the point in the socket. The socket is complementary to the point of the ovoid body and the point is smaller than the butt, and hence it is more difficult to play the less weighty point into the socket. Besides, to seat the point into the socket the ovoid body must clear the gutter, thus rendering the said body more liable to roll into the gutter.

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

1. A toy puzzle, consisting of a glazed box having a bottom, said bottom being provided with a central socket surrounded by an annular gutter, and a movable ovoid body inclosed in said box and one end of which is complementary to said socket, whereby said body may be caused to stand on end, substantially as set forth.

2. A toy puzzle, consisting of a box composed of a top casing and a bottom fixed in the same, said bottom being provided with a central socket of conoidic shape surrounded by an annular gutter, and a movable ovoid body inclosed in said box and the point of which is complementary to said socket, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

FRIEDRICH ARMBRUSTER.

Witnesses:

PAUL GOEPEL,
M. H. WURTZEL.