(No Model.)

J. RECH, Jr.

PUZZLE.

No. 423,276. Patented Mar. 11, 1890.

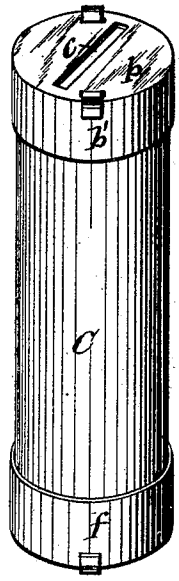


Fig. 1

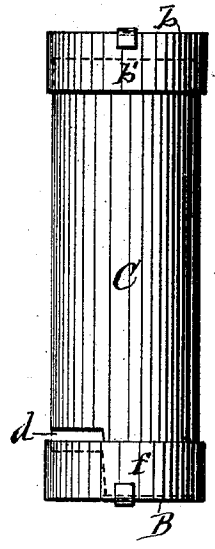


Fig. 2

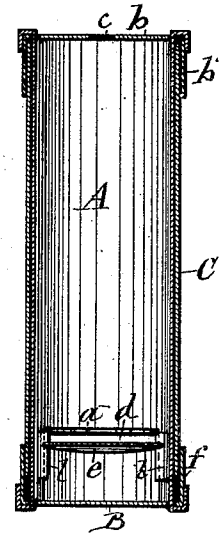


Fig. 5

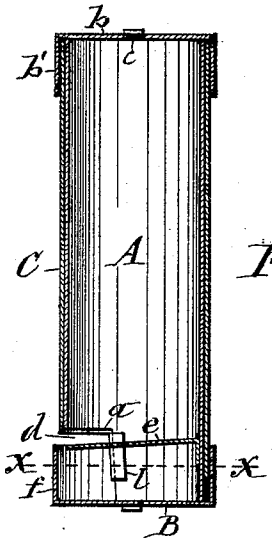


Fig. 3

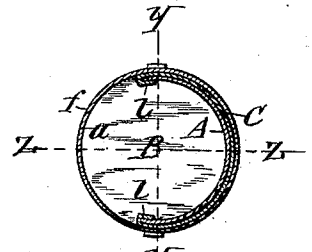


Fig. 4

WITNESSES:

C. L. Bendixon

Mark W. Dewey

INVENTOR:

Jacob Rech Jr

BY

Hull, Laass & Hull

his ATTORNEYS

N. PETERS, Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

JACOB RECH, JR., OF BROOKLYN, ASSIGNOR OF TWO-THIRDS TO CHARLES EMIG AND CHARLES GRUB, BOTH OF SYRACUSE, NEW YORK.

PUZZLE.

SPECIFICATION forming part of Letters Patent No. 423,276, dated March 11, 1890.

Application filed November 1, 1889. Serial No. 328,936. (No model.)

To all whom it may concern:

Be it known that I, JACOB RECH, Jr., of Brooklyn, in the county of Kings, in the State of New York, have invented new and useful Improvements in Puzzles, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention relates to a puzzle of the form of a receptacle having a slot for the introduction of coin and a concealed slot for the exit of the coin from the case, which latter slot can be opened and closed by a manipulation of the receptacle which it is difficult to detect.

The invention consists, essentially, of two cases arranged movably one within the other and each provided in its side with a slot disposed in such relative position as to cause the two slots to come into and out of coincidence with each other by the movement of one of said cases, and a slot in one of the end caps of the inner case, all as hereinafter more fully described, and specifically set forth in the claims.

In the annexed drawings, Figure 1 is a perspective view of a device embodying my invention, showing the same in its closed condition. Fig. 2 is a side view of the same in its open condition. Fig. 3 is a vertical transverse section on line *z z*, Fig. 4. Fig. 4 is a horizontal transverse section on line *x x*, Fig. 3; and Fig. 5 is a vertical transverse section on line *y y*, Fig. 4.

Similar letters of reference indicate corresponding parts.

A represents the inner case or receptacle, which may be either prismatic or cylindrically shaped, as shown. To one end of said case is firmly secured the cap B, which closes said end, and to the opposite end of the said case is attached a cap *b*, which is provided with a slot *c* of suitable size and shape to receive through it a coin of a certain denomination. The two caps B and *b* are larger in diameter than the case A, so as to project over the sides thereof, and on the edges of the caps are annular flanges *f* and *b'*, which surround the end portions of the case, so as to form annular spaces between the said flanges and exterior of the case, for the purpose hereinafter explained.

Near the closed end of the case A the side of the latter is provided with a transverse slot *a*, similar to the slot *c*, and at the edge of said side slot nearest the closed end of the case is a false bottom *e*, secured to the case, as shown in Figs. 3 and 5 of the drawings.

To the exterior of the case A is fitted loosely a supplemental case or sleeve C, the ends of which extend into the annular spaces between the flanges *f* and *b'* and exterior of the case A, and are thus concealed. The sleeve C is somewhat shorter than the case A to allow said sleeve to slide longitudinally on the said case a distance equal to the depth of the slot *a*. The side of the sleeve is provided with slot *d*, similar to the slot *a*, and in such relative position as to cause the two slots to coincide with each other when the sleeve C is pushed endwise against the cap *b*, as shown in Figs. 3 and 5 of the drawings, and by pushing the sleeve C in the opposite direction and against the cap B the slot *d* of the sleeve passes under the flange *f*, and is thus concealed, and at the same time the sleeve covers the slot *a*.

When the case A and sleeve C are cylindrical, I widen the slot *a* toward the closed end of the case A, or make it of the form of an aperture extending to said end of the case, and provide the interior of the sleeve C with lips *l l*, which embrace the vertical edges of the aperture *a*, as shown in Figs. 3, 4, and 5 of the drawings, and thus prevent the sleeve from turning on the case.

The described puzzle is manipulated as follows: The sleeve C is pushed down to conceal the slot *d* by the flange *f*. Then a person being requested to introduce a coin through the slot *c* and to remove it from the case without passing it out through the slot *c*, it appears to be impossible to him, inasmuch as there is no other opening visible on the case or sleeve. The person who understands the puzzle takes it in one hand, and while grasping the sleeve C between the palm and four fingers he presses by the thumb on the cap *b*, and thereby pushes the case A endwise, so as to bring the slot *d* above the flange *f* and to register with

the slot *a*, and this allows the coin to escape from the case. As soon as this is effected the manipulator pushes the case A up again to conceal the slot *d* of the sleeve C.

What I claim as new, and desire to secure by Letters Patent, is—

1. A puzzle composed of a case having caps secured to its ends and provided with a slot in one of said caps and with a slot in its side near the opposite end of the case, and a sleeve surrounding the sides of the aforesaid case and adapted to slide thereon, and provided with a slot adapted to coincide with the slot in the side of the case, as set forth.

2. The within-described puzzle, consisting of the cylindrical or prismatic case A, closed at one end and provided with the slot *a* in the side near said end and having at the opposite end the cap *b*, provided with the slot *c*, in combination with the sleeve C, adapted to slide longitudinally on said case and provided in its side with the slot *d*, substantially as described and shown.

3. The combination of the case A, having secured to opposite ends the caps B *b*, projecting over the sides of the case and provided with the flanges *f* and *b'*, and with the slot *c* in the cap *b* and the slot *a* in the side of the opposite end, the false bottom *e*, and the sleeve C, sliding on the exterior of the case and under the flanges *f* and *b'* and provided with the slot *d*, substantially as described and shown.

In testimony whereof I have hereunto signed my name this 28th day of October, 1889.

JACOB RECH, JR. [L. S.]

Witnesses:
C. H. DUELL,
MARK W. DEWEY.