C. F. O. SCHMIDT.

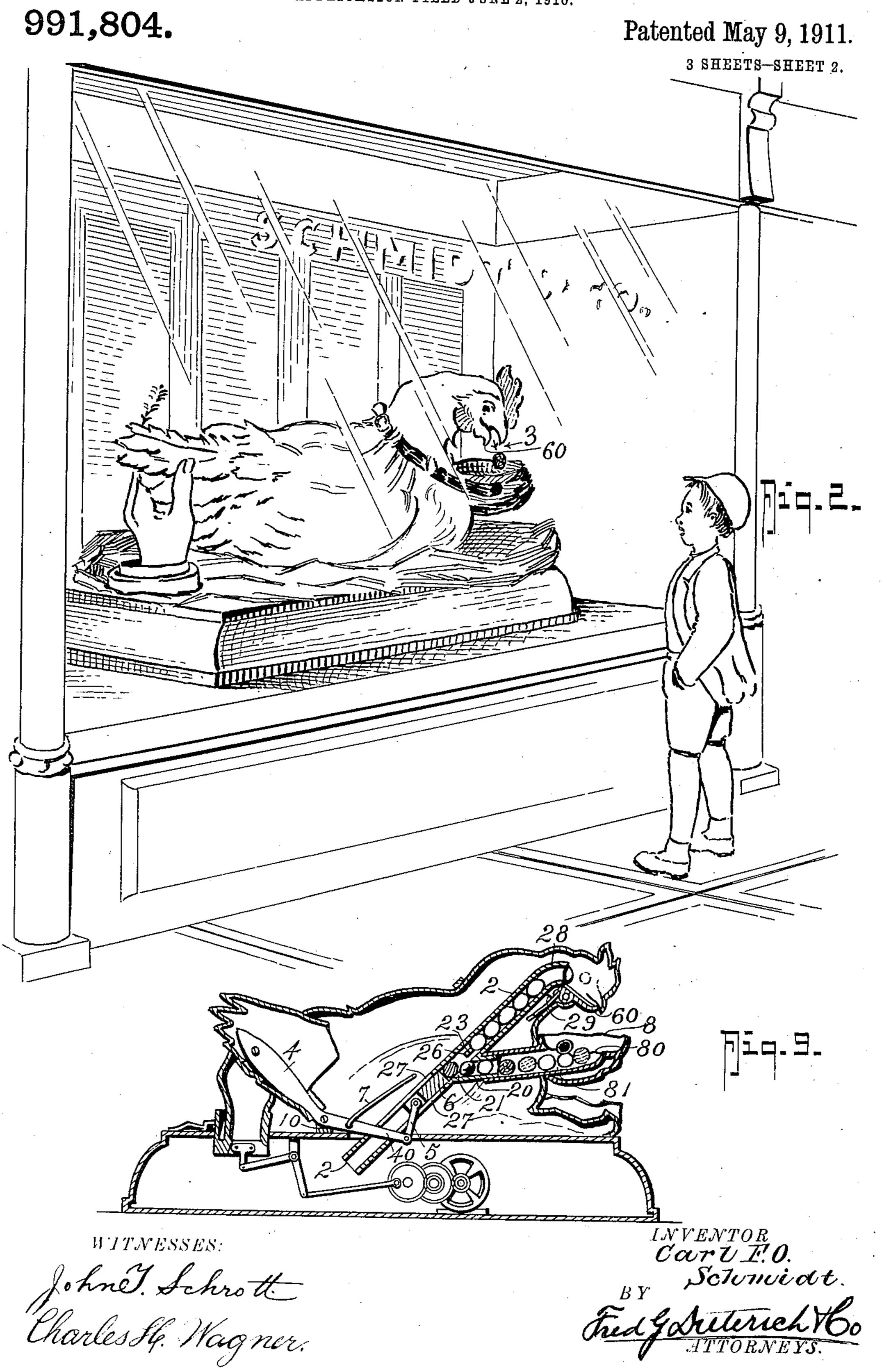
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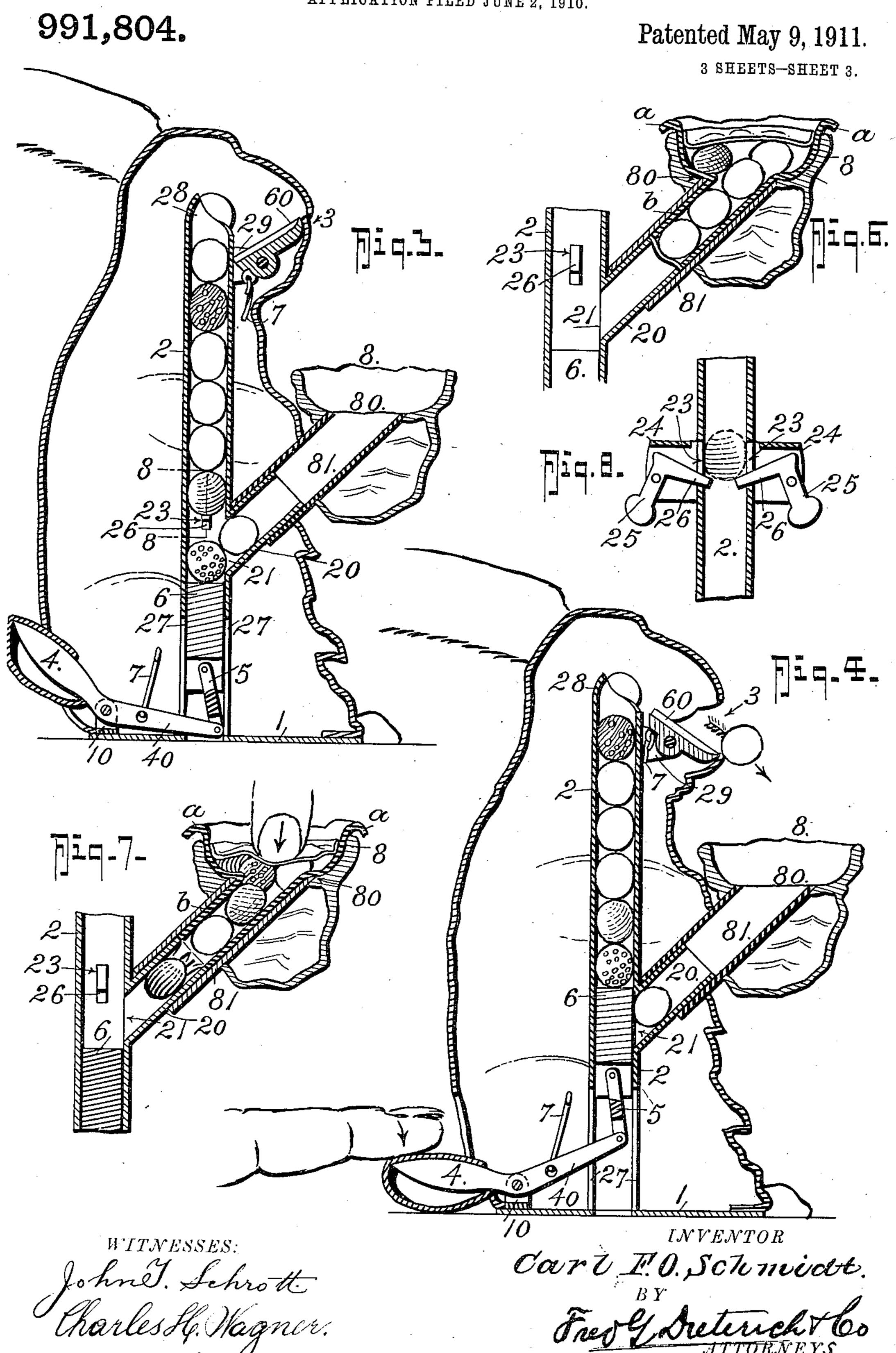
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## UNITED STATES PATENT OFFICE.

CARL F. O. SCHMIDT, OF CINCINNATI, OHIO.

## EASTER RABBIT.

991,804.

Specification of Letters Patent.

Patented May 9, 1911.

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To all whom it may concern:

Be it known that I, Carl F. O. Schmidt, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented 5 a new and Improved Easter Rabbit, of which the following is a specification.

This invention, which relates generally to the class of games and toys, is more particularly in the nature of a toy having the 10 representation of an endlessly laying rabbit or chicken, in which the operation, when manipulated, is that of a rabbit, chicken or other appropriate object continuously delivering "Easter eggs" and the like, for the

15 amusement of children. My invention, in its generic nature, comprises a mechanical means arranged for being readily supported within an image, preferably that of a rabbit, which includes a re-20 ceptacle for receiving balls or cubes of like shape and size, a receiver and delivery member, which may be, and preferably is, in practice, represented as the mouth of a rabbit or chicken, lever operated means for 25 shifting the "eggs," to lift the bulk to discharge the eggs one at a time through the delivery member automatic devices for sustaining the bulk in the delivery end and for feeding additional "eggs" in position 30 when the lever is actuated, the said lever in the showing made being a representation of the tail of a rabbit or chicken, the whole having such appearance and being so constructed that a child, in pressing down the 35 tail of the object, causes the "eggs" to feed from the mouth of the object, the receptacle being so positioned that additional "eggs" can be easily slipped into the said receptacle

to re-supply the discharging means. 40 In its subordinate features, my invention consists in certain details of construction and peculiar combination of parts, all of which will be hereinafter fully explained, specifically pointed out in the appended 45 claims and illustrated in the accompanying drawings, in which:

Figure 1, is a perspective view illustrating my invention applied for use. Fig. 2, is a similar view showing its application to 50 an advertising device. Figs. 3 and 4 are sections showing the manner of operation. Fig. 5, is a perspective view of the internal mechanism. Figs. 6 and 7 are detail sections showing a modified form of egg con-55 tainer. Fig. 8, is a section on the line 8—8 on Fig. 3. Fig. 9, is a section showing the

operating mechanism of the device shown in Fig. 2.

In the drawings, I have shown my invention as more especially designed as a rab- 60 bit or chicken toy device, such being the most desirable, since my toy is more especially intended for use during the Easter holidays, though as understood, as a toy it is useful any time. It will be also under- 65 stood that the same internal mechanism may be readily utilized in connection with any other form of outer casing in the nature of birds, animals, etc. without departing from my invention.

In the practical application of my inven-. tion, the internal mechanism referred to consists of a suitable base plate or support 1 from which rises a tubular standard 2 around which the outer casing or body (the 75 "rabbit" body, for example) is fitted so as to incase all of the delivery mechanism except the discharging throat thereof, which represents the mouth of the rabbit body 3.

About midway its length, the standard 2 80 has an inlet 21 from which extends a short lateral tube 20 that projects at an angle, preferably about forty-five degrees, and a short distance above the inlet the standard 2 has elongated slots 23—23 diametrically 85 opposite, and disposed at right angles to the inlet 21. From the slots 23—23 extend brackets 24—24 on each of which is pivotally hung a weighted or gravity pawl 25—25, the heel portions 26—26 of which 90 project into the tubular standard and form a cut-off and rest for the column of "eggs" held in the tube 2 above them.

On the base 1 and to the rear of the tubular standard 2 is a short post 10 on which 95 is pivotally mounted an actuating lever 4 which, in the showing made, represents the rabbit's or chicken's tail and the said lever, in the nature of a bell crank, has its end 40 extended through a slot 27 in the lower 100 end of the member 2 and pivotally joins with a link 5 that pivotally joins with a weighted plunger 6 within the tubular member 2, the upper end of which is normally below the inlet 21, as is best shown in Fig. 3. 105

At the upper or discharging throat 28, the tube 2 has a pair of forwardly projected brackets 29 between which is fulcrumed a receiver and delivery member 60 which represents the lower jaw of the rabbit and it is 110 so mounted that its inner end forms a trough to catch the "eggs" as they are moved one

by one out of the upper end of the tube 2, the throat of which has lateral guides and is cut on an angle to facilitate the escape of the "eggs" and their drop onto the jaw or 5 receiver 6.

7 designates a flexible rod connection that joins the lower or trough end of the jaw with the crank end 40 of the actuating (the

rabbit's tail) lever 4.

8 designates an urn shaped receptacle having a discharge opening 80 in the bottom thereof with which joins a tube 81 projected at an angle therefrom and which is of a slightly larger diameter than the lateral 15 tube extension on the standard, and with which it is slidably connected to form a runway from the urn to the tubular standard. The opening 80 is of a size to permit of the passage therethrough of but one 20 "egg" at the time.

When the device is arranged as an "Easter rabbit" the front paws of the rabbit are extended so as to appear as holding the urn 8, see Fig. 1, and when the body is 25 "chicken" shaped as in Fig. 2, a band is hung from the neck of the chicken to give the appearance of the urn hanging from the

neck thereof.

From the foregoing, taken in connection 30 with the drawings, the structure of my invention and the advantages thereof will be apparent. The device is amusing and interesting since for children, the parent can constantly add a "new egg" to the urn as 35 those laid by the rabbit into the urn are removed by the child and in such manner the rabbit or chicken can be worked to endlessly lay the Easter eggs.

In using the device a sufficient number of 40 "eggs" are inserted in the urn and the lever worked until the tubular standard is filled, it being apparent from Fig. 3 that as the lever is operated the column of "eggs" is constantly increased by the action of the 45 plunger, since those above the plunger are supported by the gravity stops or pawls when the plunger descends to pick up another "egg" as they pass down through the

runway.

Various modifications as to the shapes or forms of the outer body or casing may be readily made and the means for feeding up and discharging the eggs singly may also be varied without departing from the spirit of 55 my invention or the scope of the appended claims.

In Figs. 6 and 7 I have illustrated a modified arrangement of the next portion of my invention and this form of nest I consider 60 as a preferred one, since it is, as it were, a separate article that can be readily sold "loaded" with eggs. This form of nest is especially interesting and desirable when it is desired to replace "eggs" taken by the 65 child from the nest to eat. In the form

shown, the nest embodies a supplemental holder a made of paper, that fits into the urn or nest portion proper. The holder is made of heavy paper and the bottom is bulged upwardly or of convexed shape that 70 seats over the outlet of the main nest, and the said bottom carries a pendent paper tube b that extends down into the main tube 81, as shown in Figs. 6 and 7 and the said tube 81 has a thin paper covering that under 75 ordinary circumstances is of sufficient strength to uphold the eggs above it. It is apparent in the last form shown, that the parent can place the nest into the urn or main nest, which can be done unnoticed by 80 the child. When the supplemental basket or holder is placed in the main nest or urn, down pressure is applied to the bottom of the basket, which pressure causes the eggs in the tube to burst through the paper or 85 tissue covering and come into place to be forced upwardly, one by one, through the tubular standard from whence they are discharged back into the nest. The supplemental nest may now be readily removed 90 and another one supplied. It is obvious that in the manufacture of my device a large number of the nests may be made at a slight cost, would be a source of great profit to manufacturers and dealers and a 95 great amusement to the little folks.

When my device is made up as shown in Fig. 2, a continuous "egg" delivery action is provided for by using a motor inclosed within a casing, and by connecting the said 100 motor, through suitable lever devices, with an artificial hand which extends up from the casing and connects with the tail end of the "hen" to which the actuating lever 4 is connected, such arrangement of parts be- 105 ing clearly understood by referring to Figs. 2 and 9 of the drawings. This latter arrangement of my invention forms an interesting advertising medium for store windows,—it being also understood that any 110 other suitable means might be attached to the tail piece lever 4 for actuating the de-

vice.

Having thus described my invention, what I claim is:

1. A device of the class described comprising an arbitrarily shaped outer casing, an article magazine within said casing, a receiver within said casing into which articles from said magazine are delivered, a 120 receptacle on the outside of said casing into which articles are dropped from said receiver, a conduit conveying articles from said receptacle back to said magazine, means for feeding articles from said magazine into 125 said receiver to be dropped from said receiver into said receptacle.

2. A device of the class described comprising an arbitrarily shaped outer casing, an article magazine within said casing, a re- 130

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ceiver within said casing into which articles from said magazine are delivered, a receptacle on the outside of said casing into which articles are dropped from said re-5 ceiver, a conduit conveying articles from said receptacle back to said magazine, means for feeding articles from said magazine into said receiver and simultaneously moving said receiver to drop the articles

10 from the receiver into the receptacle.

3. In a device of the character stated, a magazine support having a discharge outlet, a casing inclosing said magazine, said casing having a discharge opening, a re-15 ceiver forming a valve for said discharge opening into which articles from said magazine are deposited, means for feeding articles from said magazine into said receiver, a receptacle on the outside of said casing, a 20 conduit connecting said receptacle with said magazine, whereby articles from said receptacle will be returned to said magazine, and means for operating said receiver to drop articles into said receptacle.

4. In a device of the character stated, a casing designed to represent a definite figure, a tubular magazine within said casing, said casing having a discharge outlet forming the "mouth" of the figure, a receiver 30 at said mouth onto which articles are deposited from said magazine, means for feeding articles from said magazine onto said receiver and simultaneously tilting said receiver to discharge said articles from said

35 casing.

5. In a device of the character stated, a casing deisgned to represent a definite figure, a tubular magazine within said casing, said casing having a discharge outlet forming the 40 "mouth" of the figure, a receiver at said mouth onto which articles are deposited from said magazine, means for feeding articles from said magazine onto said receiver and simultaneously tilting said receiver to 45 discharge said articles from said casing, a receptacle into which the articles are deposited from said receiver, and means for conveying the articles so deposited back to said magazine.

6. In a device of the character stated, a hollow figure designed to represent a definite thing, said figure having a mouth, a receiver that forms a valve for said mouth, a tubular article magazine within said figure, 55 said magazine having a discharge opening arranged to deliver onto said receiver, means for simultaneously feeding articles from said magazine onto said receiver and operating said received to discharge the articles from 60 said figure.

7. In a device of the character stated, a hollow figure designed to represent a definite thing, said figure having a mouth, a receiver

that forms a valve for said mouth, a tubular 65 article magazine within said figure, said

magazine having a discharge opening arranged to deliver onto said receiver, means for simultaneously feeding articles from said magazine onto said receiver and operating said receiver to discharge the articles from 70 said figure, a receptacle into which articles from said receiver are deposited, and means for conveying articles from the receptacle

back to the magazine.

8. In a device of the character stated, a 75 tubular support, an outer casing having an opening and a movable jaw coöperating with the opening and a pivoted tail piece, an article receptacle that communicates with the support, and means operating in the tubular 80 support for engaging the articles from the receptacle and feeding them up the support to discharge through the jaw opening, said means including a weighted plunger, means for holding the articles from back move- 85 ment in the support when the plunger recedes and lever connections that join the tail lever and the plunger.

9. A device of the character stated, comprising an outer casing having predeter- 90 mined external shape and having a pivoted tail piece at one end and a discharging mouth at the other end, a tubular standard for the casing, a receptacle in communication with the standard, a pivoted jaw at the 95 discharge end of the standard that receives the articles as they pass from the standard and deposits them into the receptacle, means for feeding the articles from the receiver into the tubular support and discharging 100 them onto the pivoted tongue, said means including connections that join with the pivoted tail piece and operable by the tail piece. for simultaneously conveying the articles and tilting the pivoted jaw.

10. In a device of the character described, the combination with means for feeding egg like bodies one at a time from a tube; of a holder having a flexible bottom, a tubular extension from the bottom having a break- 110 able covering, said tube being arraged for receiving imitation eggs or other uniformly formed bodies, and means for connecting said tube with the egg lifting and feeding means.

11. As a new article, a nest for a toy delivery mechanism of the character described, comprising an urn shaped receptacle formed of paper having a flexible bottom, a tube extending from the said bottom, having a 120 breakable covering at the discharge end, the said tube being arranged for holding uniformly shaped bodies adapted when pressure is applied to the flexible body to break through the covering at the lower end of 125 the tube.

12. As new article, a device of the character stated, that comprises an arbitrarily shaped hollow casing, the said casing having a discharge outlet at the upper end, a piv- 130

oted lever at the lower end of the casing, a receptacle on the outside of the casing that receives the article as it passes from the discharge and means operable by the movement of the pivoted lever for engaging with the articles that passes into the receptacle and conveys it back to and through the discharge.

13. As a new article, a hollow figure having a discharge mouth, a receiver in said mouth forming a valve therefor, a receptacle supported by said figure beneath said

mouth, an article magazine within said figure in communication with said receptacle and with said receiver, and means within 15 said figure for feeding articles from said magazine onto said receptacle and operating said receptacle to discharge the articles through said mouth into said receiver.

CARL F. O. SCHMIDT.

Witnesses:

GEORGE SCHMIDT, J. E. HAMMERSCHMIDT.