H. W. A. FUHRMANN.

COMBINED FIGURE TOY AND BANK.

APPLICATION FILED DEC. 9, 1914.

1,163,817. Patented Dec. 14, 1915.

Fig. 1.

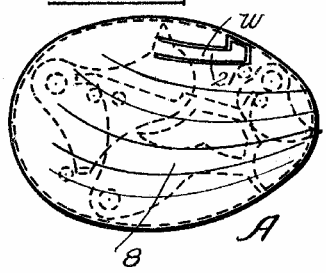


Fig. 2.

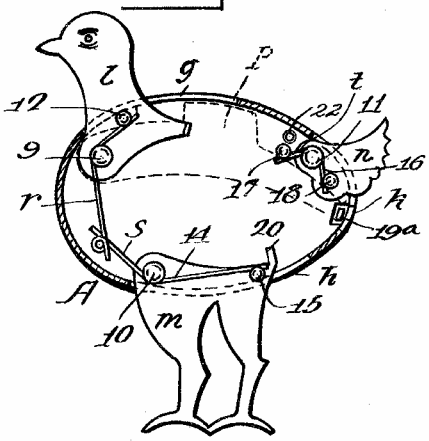


Fig. 3.

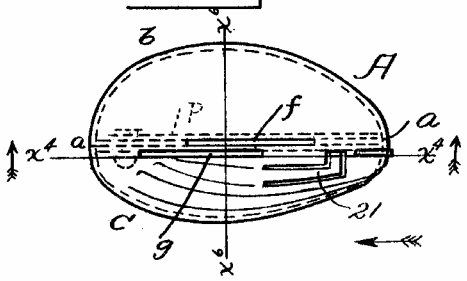


Fig. 4.

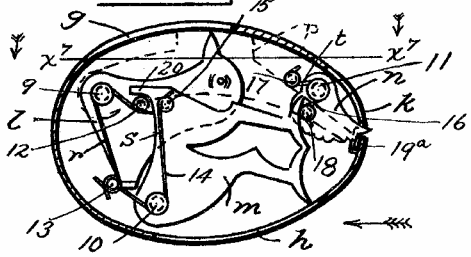


Fig. 5.

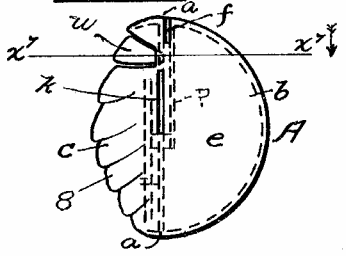


Fig 6

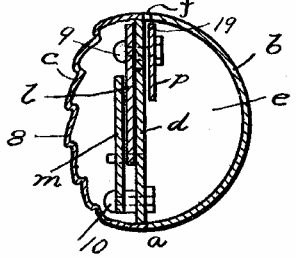
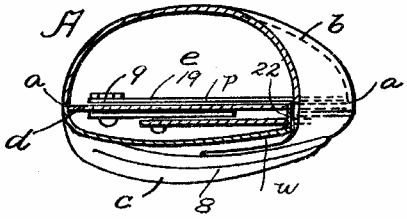


Fig. 7.



Witnesses,
Alfred H. Daehler.
D. M. Cummings

Inventor
Henry W. A. Fuhrmann,
By Raymond Dietz Daehler,
His Attorney.

UNITED STATES PATENT OFFICE.

HENRY W. A. FUHRMANN, OF ALHAMBRA, CALIFORNIA.

COMBINED FIGURE TOY AND BANK.

1,163,817. Specification of Letters Patent. Patented Dec. 14, 1915.

Application filed December 9, 1914. Serial No. 876,212.

To all whom it may concern:

Be it known that I, HENRY W. A. FUHRMANN, a citizen of the United States, residing at Alhambra, in the county of Los Angeles and State of California, have invented new and useful Improvements in Combined Figure Toys and Banks, of which the following is a specification.

This invention relates to novelties including toy and bank features, and it has for its object to provide such a novelty as will be attractive, pleasing, amusing or entertaining in use, and capable of service for storing coins, and which will be superior in point of relative simplicity and inexpensiveness in construction taken in connection with the other features above mentioned, and positiveness in operation, facility and convenience in control, and general efficiency for the purposes in view.

With the above and other objects in view, the invention consists in the novel provision, construction, combination, association and relative arrangement of parts, members and features, all as hereinafter described, shown in the drawing and finally pointed out in claims.

In the drawing: Figure 1 is a side view of an improved novelty device or toy and bank constructed in accordance with the invention, the working parts being generally shown in dotted lines; Fig. 2 is a longitudinal sectional view taken on the line x^4—x^4, Fig. 3, and looking in the direction of the appended arrows, showing the working parts released and extended, such working parts being shown contracted or housed in Fig. 1; Fig. 3 is a top plan view of the device; Fig. 4 is a longitudinal sectional view taken on the line x^4—x^4, Fig. 3, and looking in the direction of the appended arrows; Fig. 5 is an end view of the device looking in the direction of the large arrow in Fig. 4; Fig. 6 is a detail vertical transverse sectional view taken on the line x^6—x^6, Fig. 3, and looking in the direction of the appended arrows; and Fig. 7 is a horizontal transverse sectional view taken on the line x^7—x^7, Fig. 5 and looking in the direction of the appended arrows.

Corresponding parts in all the figures are designated by the same reference characters.

Referring with particularity to the drawing, the novelty device shown therein comprises a shell A which may be formed initially in two parts upon a junction line *a*, upon which line the parts may be soldered or otherwise attached together to hold them with the contained features in assemblage, in the form of a housing, *b* and *c* designating respectively the two halves of the housing. A vertical longitudinal partition *d* is provided approximately in the plane of junction of the two members of the shell or housing, producing a compartment *e* within the member *b* for the storage of coins, a coin slot *f* being provided through the top of the member *b* for the admission of such coins, and through which such coins may be discharged by inverting the device and shaking the coins therefrom, or separating the two members or breaking the housing, all in accordance with choice or the particular formation of the housing and arrangement of the slot. Three other longitudinal slots, one, *g*, adjacent to the top of the housing, one, *h*, adjacent to the bottom of the housing, and one, *k*, adjacent to one end of the housing, are provided therein, preferably in the member *c*, through which may be projected movable members, *l*, *m* and *n*, adapted to be collapsed within the housing and held in such collapsed position or condition by a latch device *p*. This latch device is disposed adjacent to the coin slot *f*, so that the insertion of a coin frees the three members held by the latch device from the latter, permitting them to be respectively projected through the three slots last named, by projecting means *r*, *s* and *t* respectively associated with said three members. Such latter members may be formed or configured in any preferred or desired manner, as for instance, to represent portions of the anatomy of a fowl, the housing itself having the general conformation of an egg, and being configured, exteriorly, as to one member, *c*, to represent wing and body feathers of such fowl, as at 8, whereby, when the three projectable members are extended as stated the device simulates in appearance a fowl, the operation involving the projection of said members producing the visible effect of instantaneously hatching such fowl from the egg represented by the housing. In such act, preferably the smooth side or unfeathered side of the housing, or face of the member *b*, is first presented to view by the operator, who actuates the latch device *p*, whereupon the device is reversed in presentation so that the feathered side plus the extended or projected members are presented to view, the

instantaneous transition thus being presented of the production of a fowl from an egg. The member *l* may thus represent, as shown, the head and neck portion of a fowl, being pivoted to the partition *d*, as at 9; the member *m* may represent as shown the legs of the fowl, being pivoted to the partition *d* similarly by a pin as at 10, and the member *n* representing the tail feathers of the fowl, and hinged to the partition *d* similarly by a pin 11.

A piece of stiff spring wire bent about the pin 9 between its ends and bearing upon a pin 12 attached to the member *l* at one end and about another pin 13 attached to the partition *d* at the other end, constitutes the means *r* for projecting the member *l*. A piece of stiff spring wire 14 bent around the pin 10 between its ends and bearing at one end upon the pin 13 and at the other end upon a pin 15 attached to the member *m* constitutes the projecting means *s*, and a piece of stiff spring wire 16 bent between its ends around the pin 11 and bearing at one end upon a pin 17 attached to the partition *d* and at its other end upon a pin 18 attached to the member *n* constitutes the means of projection *t*.

The latch device *p* consists of a latch bar 19 secured within the coin compartment *e* upon an extension of the pin 9, and having a hook-shaped free outer end 19ª passing through a slot in the partition *d* and adapted to engage the member *n* when in contracted position to hold it and the other projectable members in contracted or collapsed positions, the member *m* to that end being provided with a nose 20 riding over the pin 12 upon the member *l;* and the pin 18 upon the member *n* engaging with the member *m*, all as shown clearly. Upon the insertion of a coin through the slot *f* and between the latch *p* and the partition *d*, the latch will be bent away from the partition to withdraw the hook-shaped end 19ª and so free the member *n*. An auxiliary trip device *w* which consists of a spring tongue 21 comprising the loosened end of one of the wing feathers of the feather formation 8 on the member *c*, is provided at its extremity with a pin 22 ranging inwardly of the member *c* and through a suitable slot in the partition *d* to be pressed against the latch bar 19 to flex it outwardly from the partition and withdraw the hooked end 19ª thereof from the member *n*.

In the use of the device, with the parts assembled as described and shown in the drawing, and collapsed within the housing A, it is only necessary to release the latch bar hook 19ª from the member *n*, to permit the springs of the projecting means *r*, *s* and *t* to operate in an order the inverse of that stated, whereby it results that practically simultaneously all of said members are projected through the respective slots *g*, *h* and *k*, into the extended positions indicated in Fig. 2, the margins of the several slots preventing further projection. This liberation of the hook 19ª from the member *n* may be produced either by inserting a coin within the slot *f* to flex the latch bar 19, or by pressing upon the spring tongue 21 so that the pin 22 causes a corresponding flexion. To restore the three projectable members to collapsed position, it is only necessary first to push the member *l* into collapsed or retracted position, then to similarly project inwardly the member *m*, and finally to similarly project inwardly the member *n*, whereupon the hook 19ª will engage with the member *n* and hold all of the parts in collapsed condition by their inter-engagement as above described, in opposition to the tendency of the three springs which are prepared to again project such members when the member *n* is released from the hook 19ª as above described. The member *n* will ride without assistance into engagement with the hook 19ª, the simulated feather formation thereof being notched as clearly shown in Fig. 4 to permit this.

The device is attractive and novel and amusing and interesting in use, and also may be of utility for use as a bank for storing coins. The coin storage feature or bank use of the device may of course be dispensed with, and the device operated irrespective of any such use, by manipulating the latch device *p* through means of the trip device *w* or any equivalent suitable means.

It is manifest that many changes in the construction, arrangement and combination of features may be made with respect to that above described and disclosed in the drawing, without departing from the spirit of the invention.

Having thus disclosed my invention, I claim and desire to secure by Letters Patent:

1. A novelty device, comprising a chambered egg-shaped body adapted to contain in retracted position a pivoted member representing the head of a fowl, a pivoted member representing the legs of a fowl, and a pivoted member representing the tail feathers of a fowl, said body being provided with apertures through which said members may be projected outwardly, spring means urging said members outwardly, certain of said members acting each to retain another of said members in retracted position within the body, and retaining means acting upon one of said members to releasably hold all of said members in retracted position within the body.

2. A novelty device, comprising a chambered egg-shaped body adapted to contain in retracted position a pivoted member representing the head of a fowl, a pivoted member representing the legs of a fowl, and a

pivoted member representing the tail feathers of a fowl, said body being provided with apertures through which said members may be projected outwardly, spring means urging said members outwardly, certain of said members acting each to retain another of said members in retracted position within the body, and retaining means acting upon one of said members to releasably hold all of said members in retracted position within the body; said body being formed upon one side exteriorly to represent the body and wing feathers of a fowl.

3. A novelty device, comprising a chambered egg-shaped body adapted to contain in retracted position a pivoted member representing the head of a fowl, a pivoted member representing the legs of a fowl, and a pivoted member representing the tail feathers of a fowl, said body being provided with apertures through which said members may be projected outwardly, spring means urging said members outwardly, certain of said members acting each to retain another of said members in retracted position within the body, and retaining means acting upon one of said members to releasably hold all of said members in retracted position within the body; and a coin compartment being provided within the body and having a coin slot adjacent to said retaining means whereby the insertion of a coin acts to free said members from said retaining means.

In testimony whereof, I have signed my name to this specification in the presence of two subscribing witnesses.

HENRY W. A. FUHRMANN.

Witnesses:

FRANCIS L. ISGRIGG,

ALFRED H. DAEHLER.