No. 821,468. PATENTED MAY 22, 1906.

R. G. DASHIELL.

TOY.

APPLICATION FILED NOV. 28, 1905.

2 SHEETS—SHEET 1.

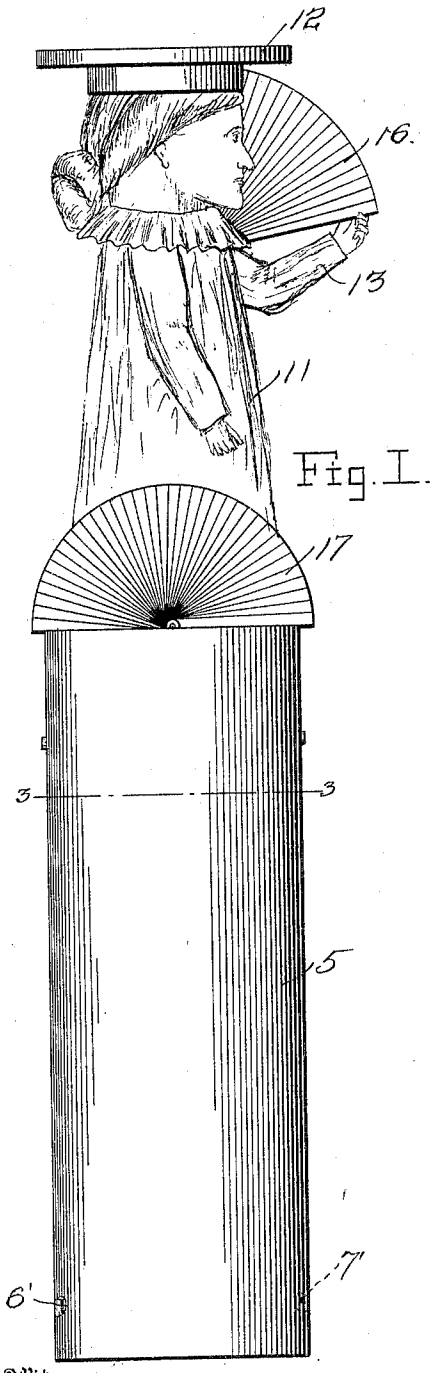


Fig. 1.

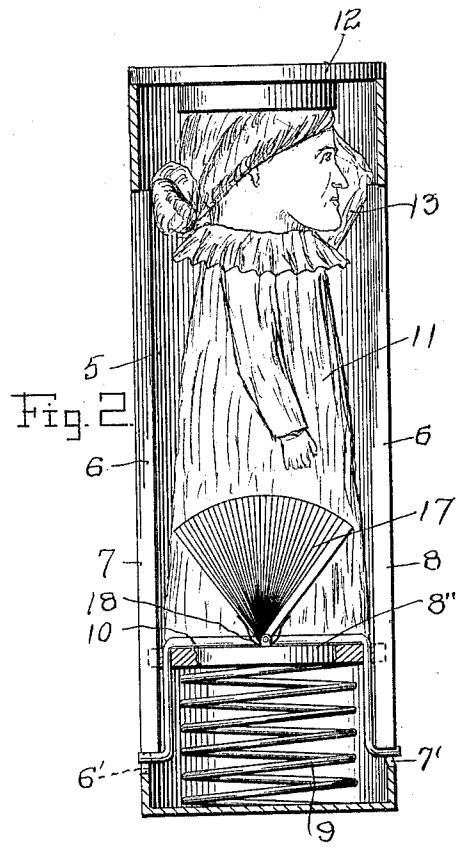


Fig. 2.

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2 SHEETS—SHEET 2.

Fig. 3.

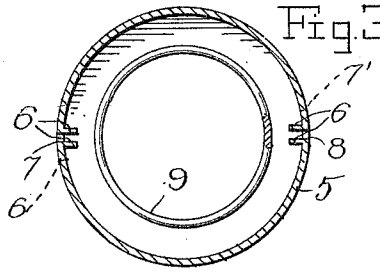
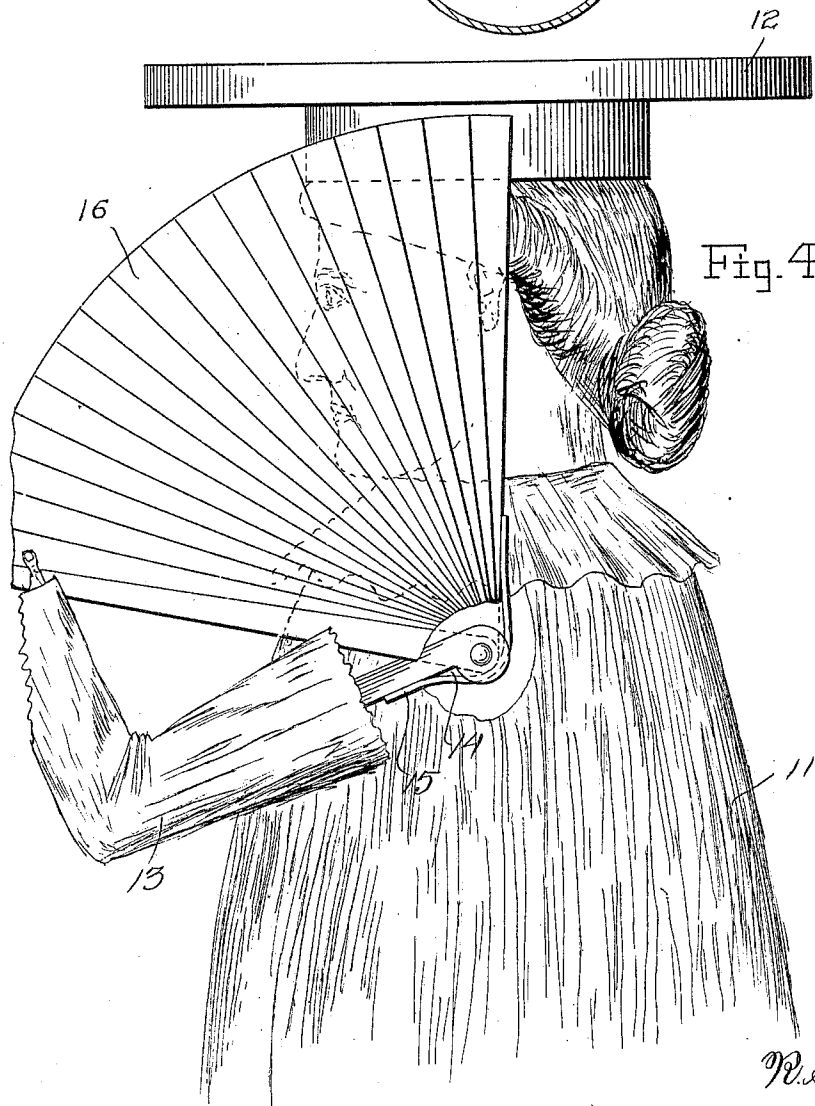


Fig. 4.



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UNITED STATES PATENT OFFICE.

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TOY.

No. 821,468. Specification of Letters Patent. Patented May 22, 1906.

Application filed November 28, 1905. Serial No. 289,401.

To all whom it may concern:

Be it known that I, RAYMOND G. DASHIELL, a citizen of the United States, residing at Baltimore, in the State of Maryland, have invented certain new and useful Improvements in Toys; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to toys, and more particularly to figure toys, and has for its object to provide a device of this kind including a casing and a figure arranged to lie at times within the casing and to be at times projected therefrom, the figure being provided with a fan which will be automatically opened when the figure is projected from the casing.

Other objects and advantages will be apparent from the following description.

In the drawings forming a portion of this specification, and in which like numerals of reference indicate similar parts in the several views, Figure 1 is an elevation of the present toy with the figure projected. Fig. 2 is a vertical section showing the figure within the casing. Fig. 3 is a transverse section on the line 3 3 of Fig. 1. Fig. 4 is an enlarged detail view of the figure, showing the pivotal mounting of the arm.

Referring now to the drawings, the present invention comprises a hollow cylindrical casing 5, open at its upper end and closed at its bottom, and disposed within the casing there are diametrically opposite parallel vertical guides 6, which communicate with slots 7 and 8, formed vertically in the casing, and these slots have enlargements 6′ and 7′ at their lower ends, which are directed oppositely. A follower 8″ is disposed within the casing for vertical movement, and secured to the follower and resting at its lower end against the bottom of the casing there is a helical spring 9. A rod 10 is carried by the follower and has its end portions bent downwardly and outwardly, the outwardly-bent portions lying in the guides 6 and extending outwardly through the slots 7 and 8. These slots terminate short of the upper end of the casing, and the spring 9 is arranged to hold the follower yieldably with the end portions of the rod 10 at the upper ends of the slots. As will be seen, the end portions of the rod 10 form guiding and retaining members for the follower.

A figure, preferably that of a human being, (indicated at 11,) is mounted upon the follower and has secured to its head a plate 12 in representation of a hat and arranged to close the upper end of the casing. The enlarged portions 6′ and 7′ of the slots lie below the guides, and the follower is susceptible of rotation within the casing to permit of movement of the outwardly-bent portion of the rod 10 into and out of the enlargements, and it will thus be seen that when they are in the enlargements the follower is held against upward movement under the action of the spring 9, and the arrangement is such that the figure then lies with the plate 12 in position to close the upper end of the casing. The ends of the rod may be engaged by the fingers for movement thereof, as described, and it will be seen that when the rod is moved out of the enlargements of the slots the spring 9 will cause the figure to be projected from the upper end of the casing.

The figure includes an arm 13, pivoted for vertical movement, and a shoulder 14 is provided for engagement by the arm to limit the downward movement thereof. A spring 15 is arranged to hold the arm yieldably at the downward limit of its movement, and when in this position the arm extends horizontally and with its outer extremity above the upper edge of the casing. As the follower and figure are moved downwardly when returning the figure to the casing, the arm engages the casing and is thus moved upwardly against the action of the spring 15.

A fan 16 is secured at one side to the arm 13 and at its other side to the portion of the figure above and adjacent to the arm, so that the fan is folded when the arm is moved upwardly and opened when it is moved downwardly. Another fan 17 is mounted upon the follower and when in open position lies with its side portions above and in position for engagement of the sides of the casing when the follower is moved downwardly. A spring 18 is arranged to hold the fan yieldably in open position. It will thus be seen that when the follower is moved downwardly the fan 17 will be moved to enter the casing, but will be moved by the spring 18 into open position when the follower is moved to the upper portion of the casing and the figure is projected therefrom.

Having thus described the invention, what is claimed is—

1. A toy comprising a casing having an open end and a closed end and having regis-

tering longitudinal slots therein terminating short of the open end, said slots each having a lateral enlargement at its end opposite to the open end of the casing, said enlargements extending in opposite directions, a follower in the casing, guide members carried by the follower and engaged in the slots, said members being movable simultaneously into and out of the enlargements of the slots, a spring disposed between the follower and the closed end of the casing, a figure mounted upon the follower, and a plate secured to the figure, said figure being movable with the follower into and out of the casing, said plate being arranged to close the open end of the casing when the figure is within the latter.

2. In a toy, the combination with a casing having an open end, of a figure movable into and out of the casing, means for limiting the outward movement of the figure, means for holding the figure at the outward limit of its movement, means for holding the figure within the casing, an arm pivoted to the figure and disposed for engagement with the casing when the figure is moved in one direction to move the arm upon its pivot, and a plate carried by the figure and arranged to close the open end of the casing when the figure is within the latter.

3. In a toy, the combination with a casing having an open end, of a figure movable into and out of the casing, an arm pivoted at one end to the figure for movement of its opposite end toward and away from the figure, means for holding the arm yieldably with its free end at the limit of its movement away from the figure, said arm when in such position being disposed for engagement of the casing for movement of the arm toward the figure when the figure is moved into the casing, and a fan secured at one side to the arm and at its other side to the figure.

In testimony whereof I affix my signature in presence of two witnesses.

RAYMOND G. DASHIELL.

Witnesses:

T. BAYARD WILLIAMS,

GEO. F. HERBERT.