

Elisha T. Colburn Childs Toy

74308

PATENTED
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Fig. 1.

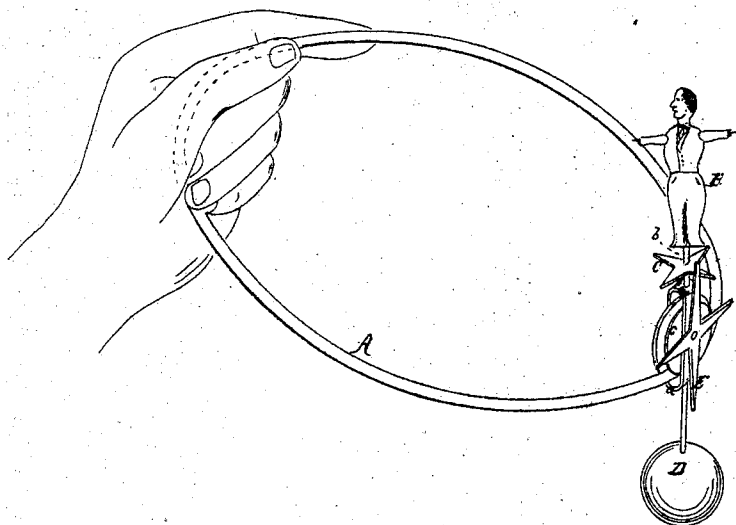
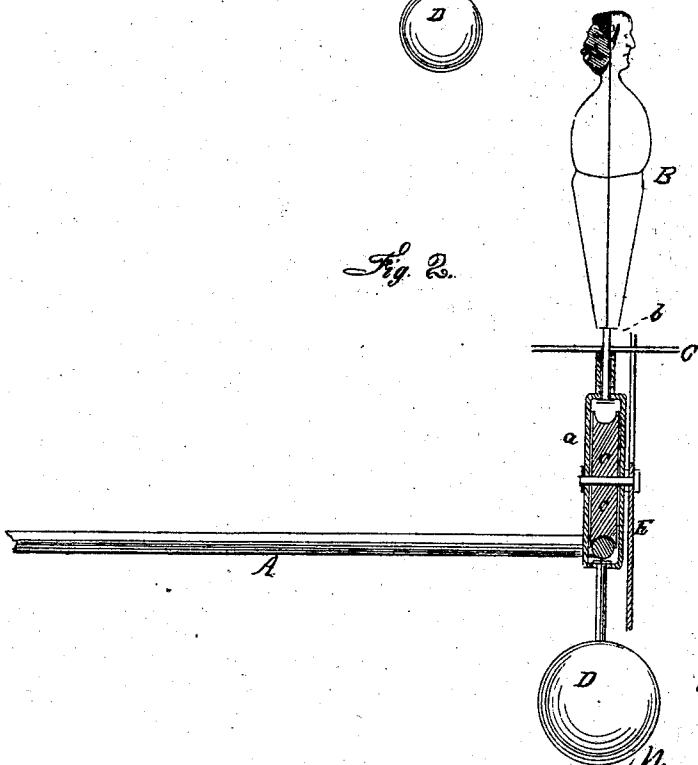


Fig. 2.



Witnesses.
Chas. Campbell
Geo. S. Hoop

Inventor.
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United States Patent Office.

ELISHA T. COLBURN, OF BOSTON, MASSACHUSETTS.

Letters Patent No. 74,308, dated February 11, 1868.

CHILD'S TOY.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, ELISHA T. COLBURN, of Boston, in the county of Suffolk, and State of Massachusetts, have invented a new and improved Child's Toy; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a perspective view of the improved toy.

Figure 2 is a sectional view, showing more particularly how the toy is constructed.

Similar letters of reference indicate corresponding parts in the two figures.

This invention relates to a new and improved toy which is chiefly designed for the amusement and instruction of children, but which will also suggest to the more mature minds some very useful as well as political lessons.

The nature of my invention consists in mounting a figure of any suitable kind upon a ring or hoop, in such manner that by holding the hoop in the hand, and inclining it at different angles, the figure can be made to move around it, and at the same time to rotate, thus giving the appearance of a dancing and travelling figure, as will be hereinafter described.

To enable others skilled in the art to understand my invention, I will describe its construction and operation.

In the accompanying drawings, A represents a hoop, which may be made of round wire, bent in the form of a circle, and having its ends suitably united. This hoop may be made of any convenient size. I prefer to have it quite large, for the larger it is the better and more amusing will the figure appear while travelling upon it. The figure B may represent a dancing girl or boy, or any other fancy and amusing figure; or a group of figures may be used, made of wood or other suitable substance. I prefer, however, to adopt a figure partly white and partly black, so that, while it rotates, the two colors will amalgamate and present a very unnatural and amusing appearance. For this purpose a double-faced figure may be made, one face being very black and the other very white. Thus, as the figure moves slowly around the circle or ring A, the white and black faces will be presented alternately to view by rotation. This figure B is mounted upon a frame, *a*, and attached to the upper end of this frame by means of a pin, *b*, which is allowed to rotate freely, and which passes through and is secured fast to a single star-wheel, C. The lower end of this frame has a ball, D, depending from it, which ball should be heavy enough to keep the frame and figure in a vertical position when mounted upon the ring or hoop. Within the frame *a* is a grooved wheel, *c*, the shaft of which passes through both sides of said frame, and carries upon it a star-wheel, E, by the rotation of which the star-wheel C is caused to rotate, and with it the figure B. The groove in the periphery of the wheel *c* partially embraces the ring A, and keeps the frame in place thereon, as shown in fig. 2.

It will be seen from the above description, that by inclining the ring in different positions, and changing it from one hand to another, the figure upon it may be caused to move either forward or backward, or to make a complete circuit around the ring, arriving at the place from which it started. During this revolution of the figure, it will be caused to rotate by the action of the cams or star-wheels, as above described.

This toy will be amusing because of the movements of the figure, and the unnatural character represented by the amalgamation of the white and black, two colors which are so distinct, and which present such a mongrel when blended together.

The toy is instructive, as illustrative of several mechanical laws, and also as illustrating very beautifully a mode of swinging around a circle and returning to the same place, and in the same position and condition as at the start. Furthermore, the toy illustrates a person who will present at pleasure two faces, to wit, a white or black face.

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

A figure applied to a ring or hoop, and so constructed that while it will maintain a vertical position thereon, it shall be allowed to move about upon said ring, and at the same time rotate, substantially as described.

ELISHA T. COLBURN.

Witnesses:

J. BROWN,

EDWARD BRASKETT.