Jan. 31, 1928. **1,657,936**

M. E. NEBEL

JUMPING FIGURE TOY

Original Filed March 10, 1923

Fig. 1.

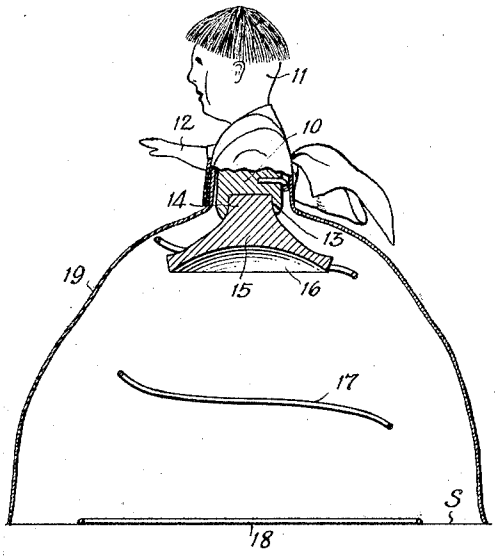


Fig. 2.

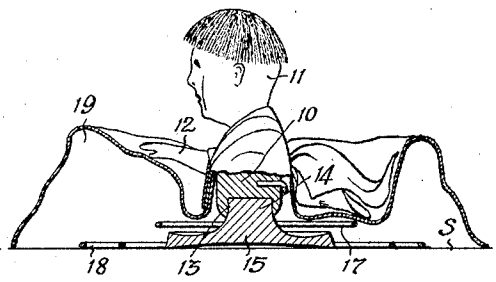
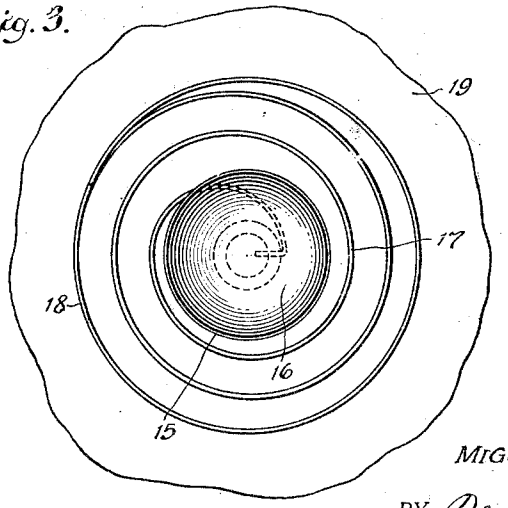


Fig. 3.



WITNESSES

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UNITED STATES PATENT OFFICE.

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JUMPING-FIGURE TOY.

Application filed March 10, 1923, Serial No. 624,234. Renewed December 16, 1927.

The present invention has relation to toys or amusement devices and contemplates a doll or other representative figure which includes means for causing the same to adhere for a limited period of time to a supporting surface and a second means held under tension by the first means and adapted upon release of said first means to project the same from the supporting surface.

As an object the invention aims to provide a toy which is extremely simple in its construction, inexpensive to manufacture and which will afford untold amusement to adults as well as children.

With the above recited and other objects in view, the invention resides in the novel construction set forth in the following specification, particularly pointed out in the appended claims and illustrated in the accompanying drawing, it being understood that the right is reserved to embodiments other than those actually illustrated herein to the full extent indicated by the general meaning of the terms in which the claims are expressed.

In the drawing—

Figure 1 is a side view of the toy with the parts in section and illustrating the same in extended condition.

Fig. 2 is a similar view illustrating the same contracted or set.

Fig. 3 is a bottom plan view of the same.

Referring to the drawing by characters of reference, the toy includes a body 10 which is here illustrated as a doll body provided with a head 11 and arms 12 but which may be constructed to simulate the figures of animals, insects or other representative figure. At the lower end the body is formed with a recess 13 within which the shank 14 of a suction cup 15 is secured, said suction cup being preferably constructed of a yieldable material such as rubber and formed on its under side with a concavity 16. The body has attached to its lower end the upper extremity of a spiral spring 17, the convolutions of which project axially beyond the body and suction cup with the lower and largest convolution 18 lying in a plane at a right angle to the axis of the body and the spring. In practice a skirt 19 extends from the lower end of the body with the lower free edge of the skirt disposed in a plane coincident with the lower convolution 18 when the spring is expanded or extended.

In use and operation, the toy is placed on a supporting surface S, the lower convolution 18 of the spring serving to properly balance and support the same in an upright position. The operator then presses downwardly on the body to cause the suction cup 15 to adhere to the surfaces and hold the spring 17 compressed and under tension for a limited period of time, depending on the pressure exerted. When the suction cup loses its adhesive power, the spring 17 will function to forcibly project the toy from the supporting surface thus affording amusement to the observer.

I claim:

1. A toy comprising a body, means carried by the lower end of the body, said means being of a nature which serves to adhesively connect the body for a limited period of time, to a supporting surface independent of the body and an expansible element carried by the lower end of the body and held under compression by said means when connected with the supporting surface and functioning when said means is released to disconnect and project the body away from the supporting surface.

2. A toy comprising a body, an element at one end of the body, said element being of a nature which serves to adhesively connect the body for a limited period of time to an independent supporting surface by pressure of said element against said supporting surface and compressible and expansible means carried by said body adapted to be held under tension by the adhesion of said element with the supporting surface and functioning to successively effect the release of the adhesive means after a limited period of time and the disconnection and projection of said body from the supporting surface.

3. A toy including a body, a coiled helical expansion spring connected at one end to the body and having its opposite end projecting axially therefrom, and a suction cup at said end of the body, said suction cup constituting respectively means for adhesively connecting the body to an independent supporting surface for a limited period of time and for holding the spring under compression whereby to exert a tension on the suction cup to effect its release, said spring subsequently functioning to forcibly project the body away from the supporting surface.

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