L. H. PHYFE.

TOY.

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1,144,723. Patented June 29, 1915.

Fig. 1.

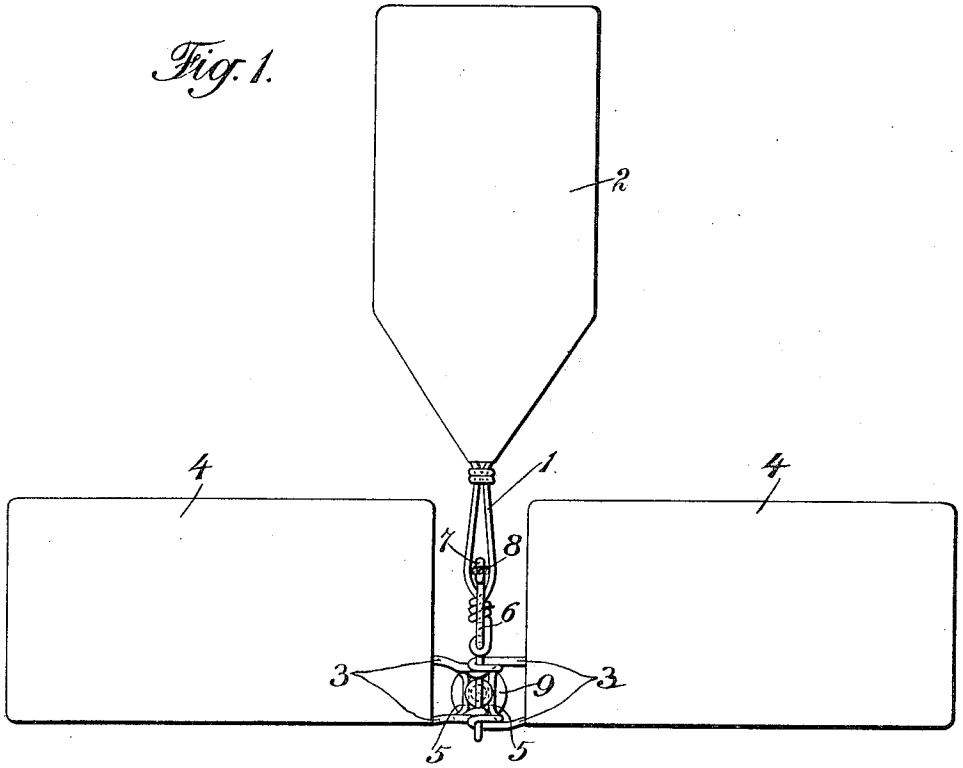
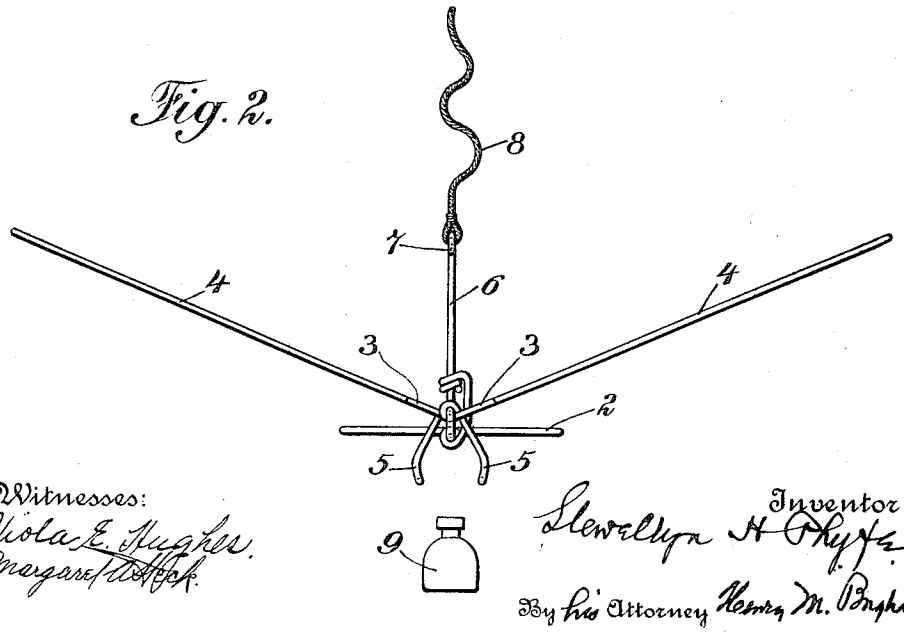


Fig. 2.



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UNITED STATES PATENT OFFICE.

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TOY.

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To all whom it may concern:

Be it known that I, LLEWELLYN H. PHYFE, a citizen of the United States, and a resident of Tallman, in the county of Rockland and State of New York, have invented certain new and useful Improvements in Toys, of which the following is a specification.

My invention relates to that class of toys with which a game or games may be played, and the object is to provide a toy which resembles an implement of war, preferably an aeroplane, from which a projectile may be launched or dropped at the will of the operator. I attain these objects by the mechanism illustrated in the accompanying drawing, in which—

Figure 1 is a plan view of my invention; and Fig. 2 is a perspective view showing the jaws or mechanism for engaging and holding the projectile in the opened position.

Similar numerals refer to similar parts throughout the several views.

In the accompanying drawing, I have shown the preferred form of my invention as a small aeroplane having the frame 1 of wire, to the rear end of which is attached the plane or tail 2, and to the forward part of which are hinged the wing frames 3, to which are secured wings or planes 4. Secured to the wing frames are the jaws 5, which are designed to depend below the body frame and normally remain in a closed position, due to the falling of the wings or planes 4 by gravity. However to better serve the illustration of the operation of the invention, these jaws 5 are shown in Fig. 2 in open position to release the toy projectile or bomb 9. Extending upward from the frame 1 and tilted to the rear to give the proper balance is the rod 6, provided at its upper end with the ring 7, to which is secured the cord 8, by which the aeroplane is supported by the operator. The jaws 5 are adapted to grasp and hold a projectile 9, which may be of any desired form and which may be released at the will of the operator by releasing the tension on the cord 8 and permitting the aeroplane to fall, which will cause the wings 4 to tilt upward and the jaws 5 to open and release the projectile 9 held therein, as shown in Fig. 2.

Various games may be played with the toy, as, for instance, a number of spaces may be laid off upon a table representing two series of fortifications, and when the projectile is dropped into one of these fortifications by the opponent, this fortification shall be considered to have been captured and must be retaken by the opposing player before such opposing player can attack the fortifications of his or her opponent, and the game won by which every party shall have first succeeded in so taking all of the fortifications of his or her opponent.

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

1. A toy of the class described including a body frame, wing elements having an extended atmosphere resisting surface hinged to said body frame and provided with projectile carrying means, and suspension means attached to said body, said wing elements adapted to be actuated by atmospheric resistance when the body frame drops due to the slackening of said suspension means.

2. A toy aeroplane, provided with a body frame, wing frames hinged to the body frame, with wing planes attached thereto, jaws attached to the wing frames and operated thereby, and supporting means attached to the body frame.

3. A toy of the class described including a body, oppositely disposed wing planes hinged to said body and having projectile holding jaws, and suspension means for said body, said wing planes adapted to be actuated when said suspension means becomes slack to open the projectile holding jaws carried thereby.

4. A toy of the class described including a body frame, wings having an extended atmosphere resisting surface hinged to said body frame and also having complemental bomb supporting elements, and a suspension element connected with said body.

Signed at Tallman, in the county of Rockland, and State of New York, this 2nd day of November, A. D. 1914.

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Witnesses:
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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."