

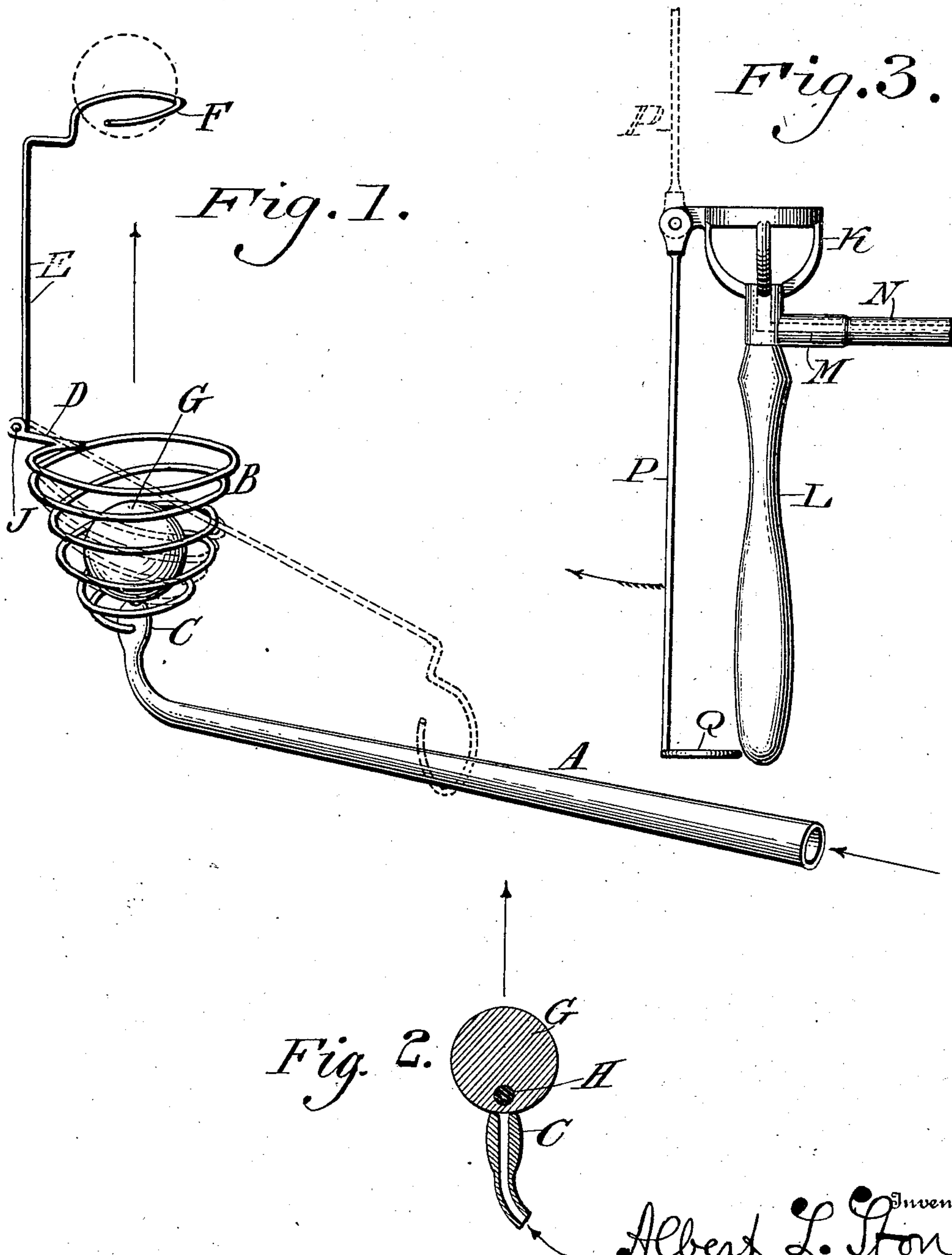
No. 723,557.

PATENTED MAR. 24, 1903.

A. L. STONE.  
TOY.

APPLICATION FILED SEPT. 25, 1902.

NO MODEL.



Witnesses  
P. E. Nagle.  
L. Houville.

By

Albert L. Stone. <sup>Inventor</sup>  
Wiedersheim & Kirbank.  
<sup>Attorneys</sup>

# UNITED STATES PATENT OFFICE.

ALBERT L. STONE, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF TWO-THIRDS TO AMOS GRANT HOLT AND WILLIAM A. GARDNER, OF PHILADELPHIA, PENNSYLVANIA.

## TOY.

SPECIFICATION forming part of Letters Patent No. 723,557, dated March 24, 1903.

Application filed September 25, 1902. Serial No. 124,791. (No model.)

*To all whom it may concern:*

Be it known that I, ALBERT L. STONE, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented new and useful Improvements in Toys, of which the following is a specification.

My invention consists of a toy embodying a dart, pneumatic means for elevating the same, and a pocket into which said ball may be lodged after being blown from its primary seat.

It also consists of details of construction, as will be set forth, and pointed out in the claims.

Figure 1 represents a perspective view of a toy embodying my invention. Fig. 2 represents a section of a portion thereof. Fig. 3 represents a side elevation of another feature.

Similar letters of reference indicate corresponding parts in the figures.

Referring to the drawings, A designates a tube or what may be termed a "blowpipe," and B designates a cage or receptacle which is supported on the intumed limb C of said pipe. Secured to said cage is the arm D, from which rises the post E, on whose upper end is the horizontally-extending loop or ring F, forming a pocket which is stationary on said post.

G designates a dart which is adapted to be blown upwardly from the limb C, the same being of the form of a ball or spherical object of light material, the lower portion of the same containing the weight H for balancing the dart and causing it to move true in its ascent. It will be seen that the dart is primarily contained in the cage B and seated on the limb C, as shown in Fig. 2. The mouth is applied to the pipe A and air blown into the latter, whereby the dart is subjected to a blast and so impelled upwardly, when by proper guiding of the device the dart in its descent may be caught by and lodged upon the loop F, which is the object of the toy, the accomplishment of the same requiring considerable lung-power, dexterity, and patience. It will be observed that the loop of the ring is less than that of the dart, so that the latter re-

quires to be blown upwardly beyond the same on the outside thereof before it can be seated on said loop, considerable manipulation being required to tilt the toy in proper direction to allow the dart to pass the exterior of the loop and then cause it to be seated on the interior thereof.

In order to fold the post, and with it the ring F, said post is hinged or jointed to the arm D by the pivot J, so that the post may be lowered and the ring F caught on the pipe A.

The cage is preferably made of a coil of wire which may be contracted, and when the dart is placed in the cage and the post lowered thereover said dart is retained within the cage, while the elasticity of the latter imparts an upper or outward pressure to the post, whereby the ring F remains firmly held in engagement with the pipe. By proper manipulation of the post the ring may be released from the pipe and the post placed in upright position, there being sufficient friction at the joint of said post and the arm D to retain the post in upright position.

Owing to the weight H in the lower portion of the dart the latter is prevented from swerving or other irregularities of motion, especially in ascent, and so may be caused to be blown true and regular, whereby the effort to lodge it on the ring F may be facilitated, the dart on its descent being also properly returned into the cage.

Fig. 3 shows the cage as a casting K, provided with the handle L and the nipple M for connection of the rubber tube or pipe N. The arm P of the seat Q is adapted to be folded parallel with the handle L.

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

1. In a toy of the character stated, a dart, a support therefor, a pneumatic device for blowing said dart from said support, and a stationary horizontally - arranged pocket on which said dart may be lodged after leaving said support the diameter of said pocket being less than that of said dart.

2. A toy embodying a blowpipe, a receptacle attached to the discharge portion there-



of, a dart adapted to be seated in said receptacle over said portion, and a stationary horizontally-arranged pocket on which said dart may be lodged after being blown from said  
5 pipe the diameter of said pocket being less than that of said dart.

3. A toy consisting of a blowpipe, a dart, a receptacle connected with said pipe at the discharge portion thereof, an elevated member on which said dart may be lodged, and a  
10 post connected with said member and receptacle, said post being jointed to the latter whereby it may be folded.

4. In a toy of the character stated, a dart, a  
15 receptacle therefor, pneumatic means for ele-

vating said dart, a member above said receptacle adapted to have said dart lodge thereon, and a support for said member, said support being foldable over said receptacle with  
20 said dart contained in the latter.

5. A toy of the character stated, consisting of a blowpipe, a dart, a dart-receptacle on said pipe in communication therewith, a loop supported above said receptacle, and an attached handle, the diameter of said loop being less than that of said dart.  
25

A. L. STONE.

Witnesses:

JOHN A. WIEDERSHEIM,  
S. R. CARR.