March 4, 1924.

1,485,577

A. P. WITTEN

TOY BALLOON

Filed May 16, 1922

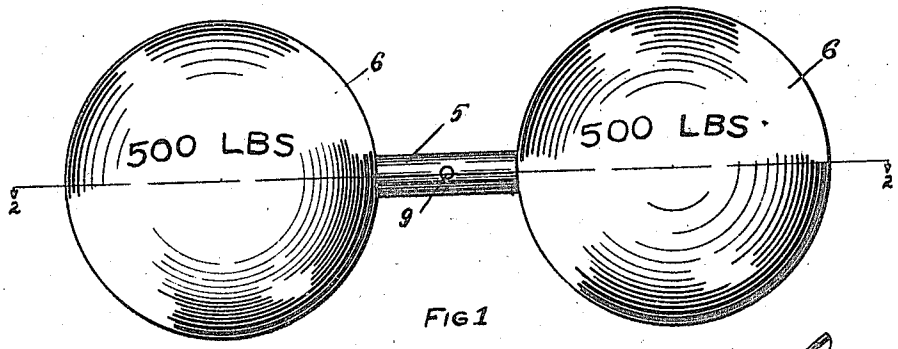


FIG 1

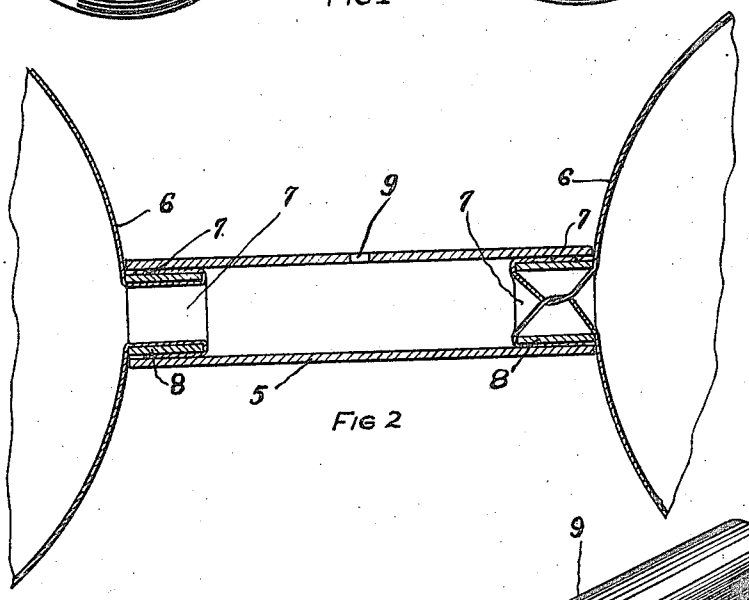


FIG 2

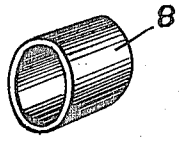


FIG 3

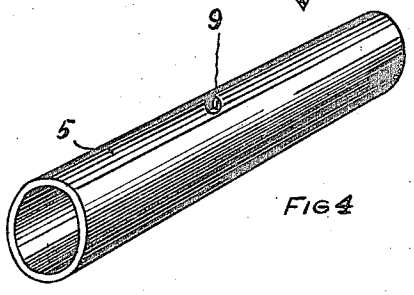


FIG 4

Inventor

Arthur P. Witten

By F. E. Shannon

Attorney

Patented Mar. 4, 1924. 1,485,577

UNITED STATES PATENT OFFICE.

ARTHUR P. WITTEN, OF AKRON, OHIO.

TOY BALLOON.

Application filed May 16, 1922. Serial No. 561,472.

To all whom it may concern:

Be it known that I, ARTHUR P. WITTEN, a citizen of the United States, residing at Akron, in the county of Summit and State of Ohio, have invented new and useful Improvements in Toy Balloons, of which the following is a specification.

This invention relates to certain new and useful improvements in inflatable toys and has particular relation to a new and improved amusement device in which toy balloons are used to imitate heavy weights.

Objects of the invention are to provide an interesting toy of simple construction, which will be of light weight, may be manufactured at a low cost and which may be secured in an inflated condition and, when inflated, will have the appearance of a heavy dumbbell.

The above objects are accomplished and other ends are attained by the novel features of construction, combination and arrangement of the various parts herein described and illustrated in the acompanying drawing in which I have shown a preferred embodiment of construction, it being understood that the invention is capable of various adaptations and that changes, variations, and modifications may be made or substitutions resorted to which come within the scope of the claims hereunto appended.

An embodiment of my invention and of the different features thereof is represented in the drawings which form a part hereof and in which:—

Figure 1 shows in side elevation a toy dumb-bell constructed in accordance with this invention, the same being illustrated to represent the balloons in an inflated condition.

Figure 2 is a central, longitudinal, sectional view taken approximately on line 2—2 of Figure 1 and showing only fragmentary portions of the balloons employed in carrying out the invention.

Figure 3 is a perspective view of one of the rings employed in securing the balloons to the handle.

Figure 4 is a perspective view of the tubular member which forms the handle of my improved device.

Similar references will be employed throughout the specification to designate like or corresponding parts.

As shown in the drawings, the numeral 5 denotes a hollow cylindrical member which forms the handle of my improved device. The handle 5 has associated with each end thereof as hereinafter described, a toy balloon. Both balloons being exactly alike are each denoted in the drawings by the numeral 6. The balloons 6 are preferably constructed of rubber and are of ordinary construction, and each balloon is provided with an inflation stem 7 which projects radially therefrom and is preferably cylindrical in form.

The numeral 8 is used to denote two relatively short, cylindrical rings, each of which is of smaller diameter than the tube 5 and each of said rings is fitted in each end of of said tube as hereinafter described. Each ring 8 is placed over the stem 7 of each balloon and the neck is turned back over the outer surface of said ring as shown in Figure 2. The neck 7 is then stretched tightly over the ring 8 with the interior surface presented outwardly and while the elasticity of the material, will ordinarily be sufficient to hold the ring 8 in position, if desired, the outer surface of the ring may be cemented to the neck of the balloon. The outwardly presented surface of said neck is then treated with rubber cement, glue or other suitable adhesive and a ring 8 with the balloon 6 thus secured thereon is placed into each end of the tube 5 and is adhesively secured in approximately the position shown in Figure 2 so that the opening in the neck of the balloon normally communicates with the cavity in the handle 5.

The numeral 9 denotes an opening which is formed in the wall of the handle 5 for use in inflating the balloons 6. I prefer to construct the balloons 6 of black rubber or of a color which will give the balloon the appearance of a solid ball of heavy metal, and I prefer to form the handle 5 and the rings 8 of heavy paste board painted black or covered with black material, but it is to be understood that any suitable material of any desired color may be used in constructing my improved device. In order to convey the impression of immense weight, printed characters may be placed upon the balloon as shown in Figure 1.

While I have shown a ring 8 secured in each end of the tube 5 with the outer end thereof even with the ends of the tube, it is to be understood that each ring 8 may be

seated deeper in the tube 5, the exact position of the said rings being determined by the length of the inflation stems 7.

In use, the handle 5 is placed against the mouth and air is forced into the opening 9 until the balloons 6 have been inflated to the desired size, whereupon each balloon 6 is rotated with reference to the handle and the stem 7 is twisted as shown in Figure 2, thus closing the same and retaining the balloon in an inflated condition.

Having thus illustrated my invention and described the same in detail, what I claim as new and desire to secure by Letters Patent is:—

1. In a device of the class described, a pair of balloons each having an elongated tubular neck, a rigid tubular handle therefor and a cylindrical ring secured to the neck of each balloon by being positioned thereon with the end portion of the neck turned back on the ring, and adhesively secured to the interior surface of the handle.

2. In a device of the class described, a cylindrical tube, a pair of balloons each having an integral tubular stem, a ring carried by each stem, the stem being passed through the ring and turned back thereon, one one of said stems with the ring thereon, positioned in each end of said tube with the turned back portion of the stem impinged between the ring and the tube and adhesively secured thereto.

In testimony whereof I have hereunto set my hand.

ARTHUR P. WITTEN.