July 12, 1927. 1,635,969

J. F. WINKLER

INFLATABLE TOY

Original Filed April 11, 1924

Fig. 1

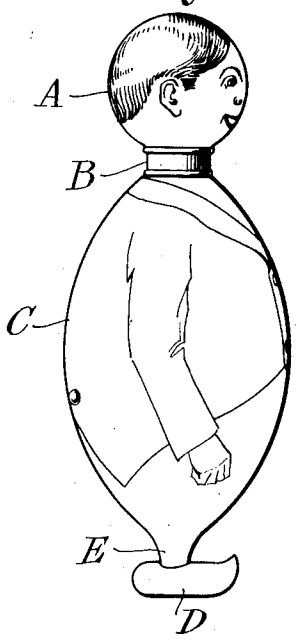


Fig. 4

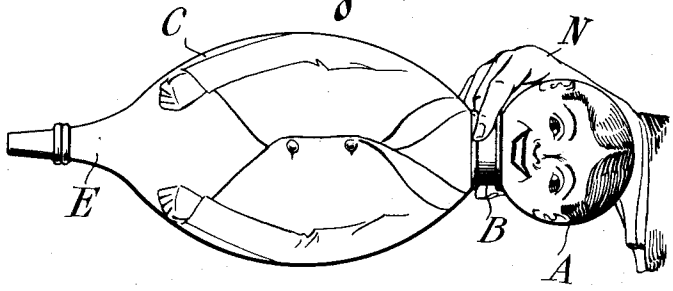


Fig. 5

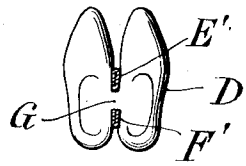


Fig. 7

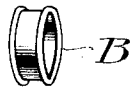


Fig. 2

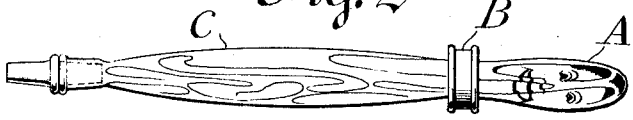
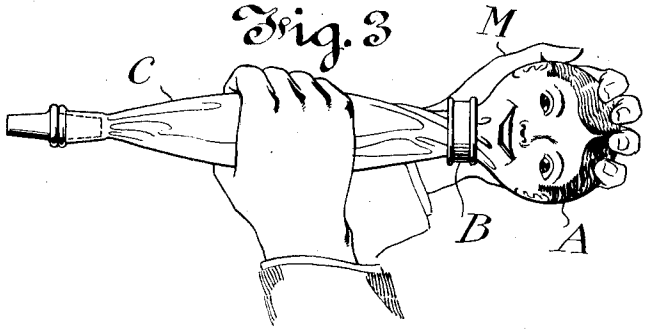


Fig. 3



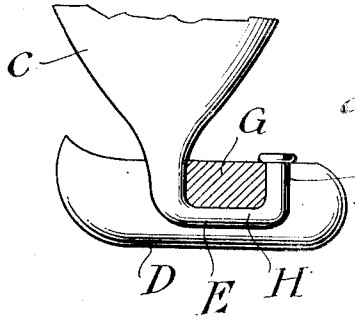


Fig. 6

Inventor

John F. Winkler

By Himes & Swartz, Atty.

Patented July 12, 1927. 1,635,969

UNITED STATES PATENT OFFICE.

JOHN F. WINKLER, OF PAINESVILLE, OHIO, ASSIGNOR TO THE WOOSTER RUBBER COMPANY, A CORPORATION OF OHIO.

INFLATABLE TOY.

Application filed April 11, 1924, Serial No. 706,085. Renewed May 25, 1927.

My invention relates to inflatable toys, and particularly to such as are constructed of elastic rubber, and includes the method of constructing such toys, and its principal objects are first, to construct toy objects, such as dolls and the like, by the inflation of an elastic substance in more or less grotesque form, and, second, to provide novel means for supporting the structure automatically in a variety of attitudes and positions, in grotesque forms of objects, and in a novel method of producing such forms and causing them to stand erect, and for preventing deflation of the several parts after their inflation.

It consists of the novel combination of parts and method of producing the same in such grotesque formation of toy creatures by the inflation of rubber or the like, as may be desired, as hereinafter set forth and stated in the appended claims.

My invention is illustrated by the accompanying drawings in which Fig. 1 is an inflated toy embodying my invention in one form of construction, ready for use. Fig. 2 shows the toy in the initial stage of production; Fig. 3 illustrates the next movement in its formation; Fig. 4 shows the toy in process of completion. Fig. 5, is a detail plan view of the supporting means for the inflated structure, and Fig. 6 is a side sectional view of such supporting means, cut apart for better illustration of the means for securing the body in erect position and preventing its deflation, and Fig. 7 is a detail view of a collar or neck-band such as I use in constructing and shaping and retaining the head of the toy independently of the body thereof.

In the drawings, A is the head, B, the neck, and C, the body portion of the toy. D is the supporting member of the toy to which the body is removably secured as follows—The supporting member D, which, in the present and preferred form, comprises a pair of wooden shoes united together a short distance apart as shown at G in Figs. 5 and 6; after inflation the lower end of the body portion is drawn out, as at E, until long enough to pass around underneath the connection G, as at H, thru the slot E′, and thence is drawn upward thru the opposite slot F′, as shown at F in Fig. 6 which is the ribbed terminus of the body, such as is usually formed in the construction of inflated balloons and the like, and is thereby secured upon the shoes D as aforesaid. In order to form the head A independently of the body C the original deflated material is drawn part way thru the wooden or hard rubber or the like neck band B, as shown in Fig. 2, and the head portion is inflated by blowing air thru the body portion C while the latter is held by the hand L to prevent its inflation until the head is formed above the collar B, when the head is twisted around a couple of times by the hand M to prevent its deflation. The hand N, Fig. 4, holds the head and neck in position while the body portion C is inflated, and then the lower end of the body is held together to prevent its deflation while it is drawn out and thru the slot E′ (Fig. 5), and underneath the connecting link G, and thence thru the slot F′, leaving its ribbed end F fast therein, as shown in Fig. 6, as aforesaid, and thereupon the toy is completed, as shown in Fig. 1.

The wooden shoes D with their turned up toes, when fastened to the body portion as aforesaid, causes the latter to take a standing position automatically.

I am aware it is not new to construct figures with similar means for assuming a standing attitude automatically, and such I do not broadly claim. Other forms of feet for the toy may be employed for the same purpose, and the different members of the toy may be enlarged or diminished relatively as may be desired. The different members may be ornamented with displays of any desired appearance to suit the taste, and the shoes and neck-band may be of any suitable material for the purpose, and the head and body of any suitable elastic material.

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

1. A toy device of the character described, comprising, in combination, head and body members of elastic material in one piece, a circular band adjustable longitudinally between said members to limit their respective diameters, said body member tapering downwardly and terminating with an orifice, and a pair of supporting members spaced apart to form a slot adapted to engage and hold said tapered lower end when drawn therein, substantially as set forth.

2. An air inflatable toy, comprising, in combination, a head member, a rigid collar, a neck within said collar integral with said head, and capable of being twisted in said collar; a body member integral with said neck, and inflatable independently of said head, and tapering to an open lower end; and a pair of supporting members having a slot between them adapted to engage and enclose said lower end when drawn therein.

3. An inflatable toy, having head and body members, comprising an elongated bag of elastic material having an orifice at its lower end; means, including a neck-band adjustable between said members, for inflating the head member independently of the body member, and means for supporting the body, comprising foot members having a slot therein adapted to engage and enclose the lower end of said body member when stretched out and drawn therein after inflation of said member, substantially as set forth.

In witness whereof I hereunto set my hand this 5th day of April, A. D. 1924.

JOHN F. WINKLER.