

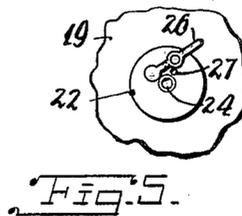
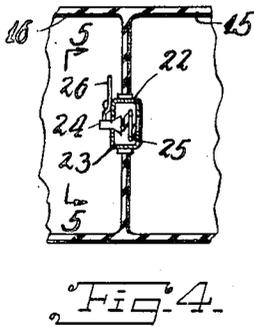
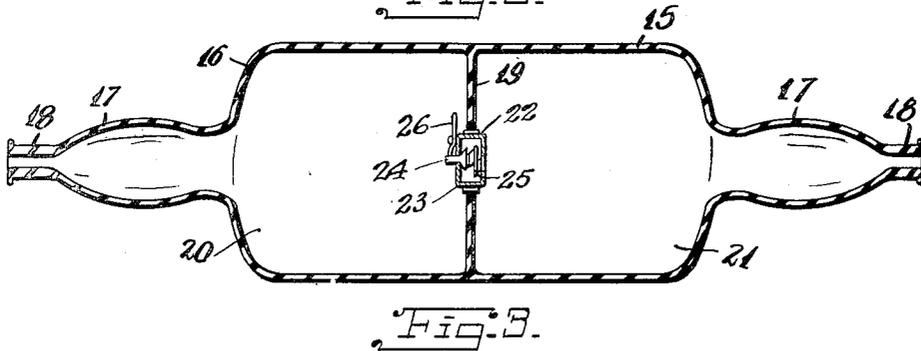
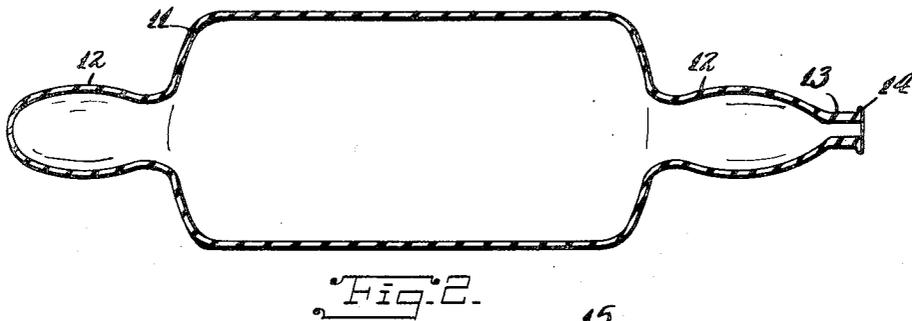
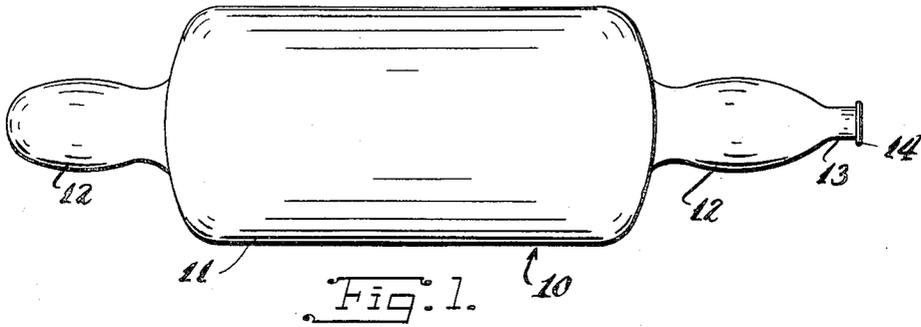
March 13, 1934.

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1,951,193

INFLATED TOY ROLLING PIN

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# UNITED STATES PATENT OFFICE

1,951,193

## INFLATED TOY ROLLING PIN

George Heighway, New York, N. Y.

Application February 4, 1932, Serial No. 590,798  
Renewed July 19, 1933

6 Claims. (Cl. 46—37)

This invention relates to new and useful improvements in an inflated toy rolling pin.

The invention has for an object the construction of an inflated toy rolling pin which is characterized by inflatable sheet rubber in the form of a rolling pin and having one end open and formed into a mouthpiece to allow the inflation of the toy.

As a further object of this invention it is proposed to construct the rolling pin with a transverse partition dividing it into separate compartments and to arrange mouthpieces at both ends so that the compartments may be selectively inflated.

Furthermore, as another object of this invention it is proposed to arrange a one way valve upon the partition so that both compartments may be inflated from one end but only one compartment inflated from the other end.

As a further object of this invention it is proposed to provide means adjustable through the rubber of the rolling pin and adapted to render the valve inoperative in its open position so that both compartments may be inflated from either end. The features of this invention provide a toy which will be very amusing and mysterious to children in its operation.

The invention has for a still further object the construction of an article of the class described which is of simple durable construction, dependable in use and efficient in operation and which can be manufactured and sold at a reasonable cost.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawing, and to the appended claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawing forming a material part of this disclosure:—

Fig. 1 is an elevational view of a rolling pin toy constructed according to this invention.

Fig. 2 is a sectional view thereof.

Fig. 3 is a view similar to Fig. 2 but illustrating a modification.

Fig. 4 is a fragmentary view of Fig. 3 showing a further modification.

Fig. 5 is a fragmentary elevational view looking in the direction of the line 5—5 of Fig. 4.

The inflatable toy rolling pin comprises rubber in the form of a rolling pin having a center cylindrical portion 11 connected with smaller cylindrical handle portions 12. One of the handle portions 12 is formed at its free end with a mouth-

piece 13 by which the entire rubber toy may be inflated. The mouthpiece 13 should preferably be composed of rubber which is approximately twice the thickness of the rest of the toy so that it may be conveniently held in the mouth during inflation. The mouthpiece should also be provided with a rim 14. After the rolling pin has been inflated a rubber band, string or the like should be engaged around the mouthpiece.

In the modified form of the device illustrated in Figs. 3, 4 and 5, an inflatable toy rolling pin has been shown which is composed of inflatable sheet material 15 in the form of a rolling pin having a cylindrical large central portion 16 and reduced ends 17. Each of the reduced ends 17 is provided with a mouthpiece 18. A transverse partition 19 is arranged within the central portion 15 dividing off compartments 20 and 21. A one way valve 22 is located on the partition 19 and allows passage of air from one to the other compartments. This valve comprises a casing 23 disposed through the partition 19 and having open ends. A valve head 24 is arranged within the casing for closing one of the open ends. A spiral helical spring 25 acts to normally urge the valve head 24 closed. A lever 26 is pivotally mounted on one side of the casing 22 and is adapted to engage against the projecting end of the valve head 24 to hold the valve head in an operative position. Projections 27 on the casing 22 serves to hold the lever 26 in an inoperative or operative position.

The operation of the device may be traced by assuming the mouthpiece of compartment 20 to be held closed. The compartment 21 may be inflated by blowing through the other mouthpiece. Now, if the mouthpiece of the compartment 21 is held closed and one blows through the mouthpiece 20, both of the compartments will be inflated in that the valve will allow the passage of air from one to the other compartments. If it is desired, the lever 26 may be moved through the material of the toy rolling pin to a position in which the valve 24 is held open. Then both of the compartments may be inflated by blowing through one of the mouthpieces and holding the other one closed. Thus a valuable amusement is provided.

While I have shown and described the preferred embodiment of my invention, it is to be understood that I do not limit myself to the precise construction herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claims.

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

1. An inflatable toy rolling pin balloon, comprising inflatable sheet material in the form of a rolling pin, a transverse partition dividing the rolling pin into two chambers, and mouthpieces on the ends of the rolling pin for the inflation thereof.

2. An inflatable toy rolling pin balloon, comprising inflatable sheet material in the form of a rolling pin, a transverse partition dividing the rolling pin into two chambers, and mouthpieces on the ends of the rolling pin for the inflation thereof, a one way valve being mounted upon said partition for connecting said chambers.

3. An inflatable toy rolling pin balloon, comprising inflatable sheet material in the form of a rolling pin, a transverse partition dividing the rolling pin into two chambers, and mouthpieces on the ends of the rolling pin for the inflation thereof, a one way valve being mounted upon said partition for connecting said chambers, and means upon the valve operable manually through the sheet rubber when the rolling pin is deflated and holding the valve in an open position.

4. An inflatable toy rolling pin balloon, comprising inflatable sheet material in the form of a rolling pin, a transverse partition dividing the rolling pin into two chambers, and mouthpieces on the ends of the rolling pin for the inflation thereof, a one way valve being mounted

upon said partition for connecting said chambers, comprising a casing having open ends and disposed through the partition, a valve head for closing one end of the casing, and means for normally urging the valve closed.

5. An inflatable toy rolling pin balloon, comprising inflatable sheet material in the form of a rolling pin, a transverse partition dividing the rolling pin into two chambers and mouthpieces on the ends of the rolling pin for the inflation thereof, a one way valve being mounted upon said partition for connecting said chambers, comprising a casing having open ends and disposed through the partition, a valve head for closing one end of the casing, and means for normally urging the valve closed, comprising a spiral helical spring acting between the valve head and the casing.

6. An inflatable toy rolling pin balloon, comprising inflatable sheet material in the form of a rolling pin, a transverse partition dividing the rolling pin into two chambers, and mouthpieces on the ends of the rolling pin for the inflation thereof, a one way valve being mounted upon said partition for connecting said chambers, comprising a casing having open ends and disposed through the partition, a valve head for closing one end of the casing, means for normally urging the valve closed, and a lever pivotally mounted on the casing and engageable against the valve head for holding the valve open.

GEORGE HEIGHWAY.

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