Sept. 1, 1925. 1,551,986

J. FERRETTI

TOY BALLOON

Filed Aug. 26, 1924

Fig. 1.

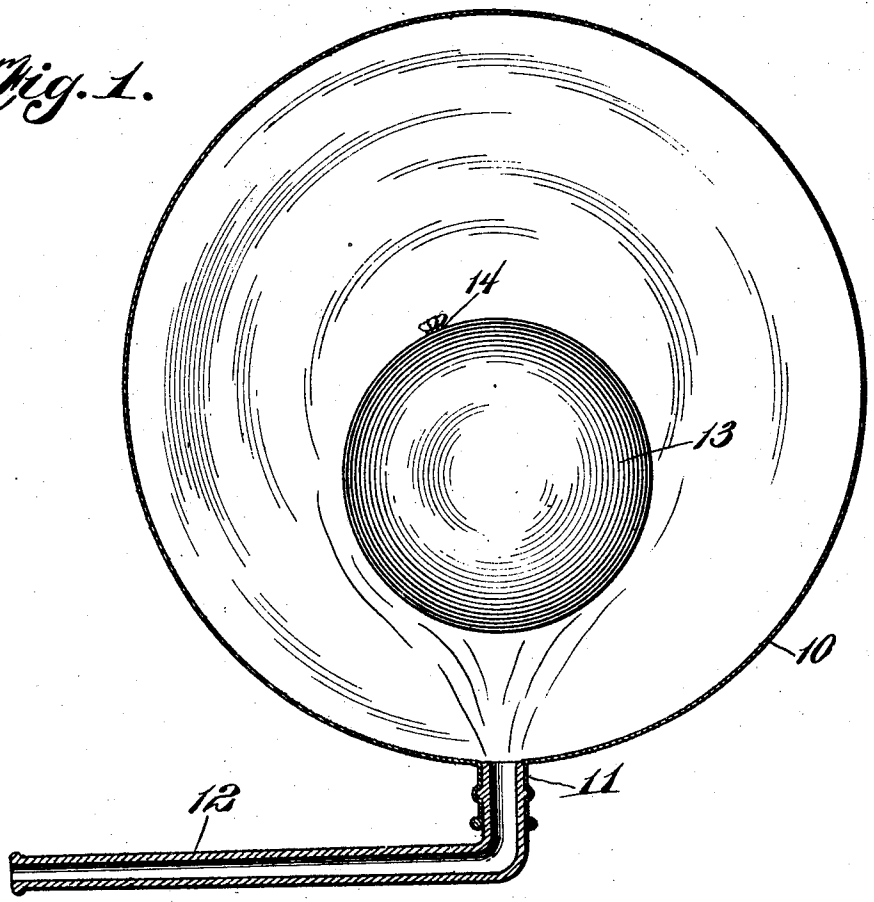
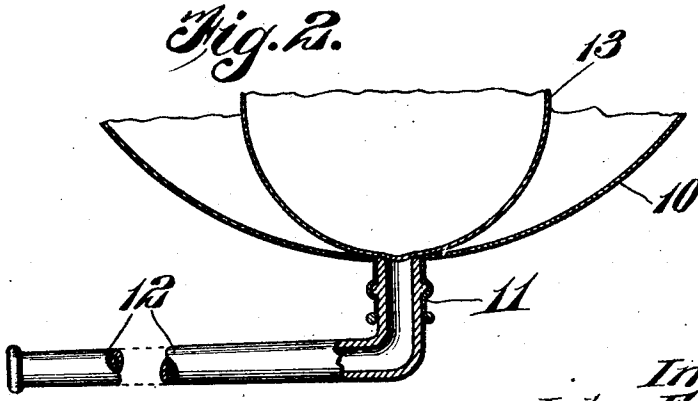


Fig. 2.



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UNITED STATES PATENT OFFICE.

JOHN FERRETTI, OF HASTINGS, PENNSYLVANIA.

TOY BALLOON.

Application filed August 26, 1924. Serial No. 734,249.

To all whom it may concern:

Be it known that I, JOHN FERRETTI, a citizen of the United States, residing at Hastings, in the county of Cambria and State of Pennsylvania, have invented certain new and useful Improvements in Toy Balloons, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to improvements in toy balloons and more particularly to that type of toy balloon which is to be inflated by the purchaser.

An important object of the invention is to provide a device of this character having means for sealing the balloon against the escape of pressure after it has been inflated, which is so constructed that it is yieldable and accordingly forms a very tight seal with the elastic material of the balloon.

A still further object of the invention is to provide a device of this character in which the sealing member is very light and is accordingly caused to rapidly shift within the interior of the outer casing or balloon during inflation and to perform many amusing antics.

A still further object of the invention is to provide in combination with a balloon of this character means for inflating the balloon supporting the balloon in spaced relation to and in alignment with the face of the person who is inflating the same, so that these antics may be enjoyed by him.

These and other objects I attain by the construction shown in the accompanying drawings, wherein for the purpose of illustration is shown a preferred embodiment of my invention and wherein:—

Figure 1 is a vertical sectional view of a toy balloon constructed in accordance with my invention, the inner balloon being shown suspended as it will be during inflation of the outer balloon;

Figure 2 is a fragmentary sectional view showing the inner balloon seated to seal the outlet of the outer balloon.

Referring now more particularly to the drawings, the numeral 10 indicates an ordinary rubber balloon, which is commonly sold upon the market, having an inflating neck 11 which is engaged with a tube 12. This tube is preferably substantially in the form of a bubble or smoking pipe, as indicated, so that the balloon is supported in spaced relation to the face of the person who is doing the inflating and about on a line with his eyes. Within the outer balloon is arranged a smaller balloon 13 formed of the same material and which is permanently inflated, having its inflating neck 14 sealed as indicated. The inflation of the inner balloon 13 is preferably not carried to a degree where the outer surface of the balloon is distended to its limit, so that this balloon may yield when engaged by the walls of the outer balloon to conform to the shaping thereof and effectually seal the outlet thereof.

In the use of the device, the inflation is accomplished in the usual manner and the air in entering through the inflating neck 11 impinges against the inner balloon 13 causing the same to fly about within the outer balloon during the process of inflation, jumping from place to place about the interior of the outer balloon as the air current strikes it. At times, due to peculiar deflection of air currents entering the outer balloon, the inner balloon will assume a position immediately above the filling neck and in this event the incoming current of air acting upon the loose covering of the inner balloon will cause the same to vibrate rapidly and give forth a musical note. When the inflation is discontinued the inner balloon will drop by gravity to the neck where by the rush of air endeavoring to escape from the neck it will be thrown tightly against the surface of the balloon and sealed thereagainst. The pressure of air within the outer balloon being greater than that within the inner balloon will cause this inner balloon to be slightly flattened or deformed so that it fits completely against the surface of the outer balloon about the filling neck to effectually seal against the escape of air. Being light, it is not readily disturbed and the balloon may accordingly be played with for a considerable space of time before the air is exhausted therefrom. If at any time it is desired to release the air from the balloon, this may be accomplished by inverting

the same and tapping the outer balloon to release the inner balloon and cause the same to drop from the filling neck.

I claim:—

In combination with an inflatable balloon having an inflating neck, a small inner balloon arranged within the outer balloon and having a thin flexible wall, said inner balloon being permanently slightly inflated and adapted to engage and conform to the walls of the outer balloon about the inflating neck to thereby seal the outlet of the outer balloon to prevent escape therefrom of the inflating fluid.

In testimony whereof I hereunto affix my signature.

JOHN FERRETTI.