July 17, 1934. A. L. WIENER 1,967,138

BALLOON SPINNER

Filed June 24, 1933

Fig. 1.

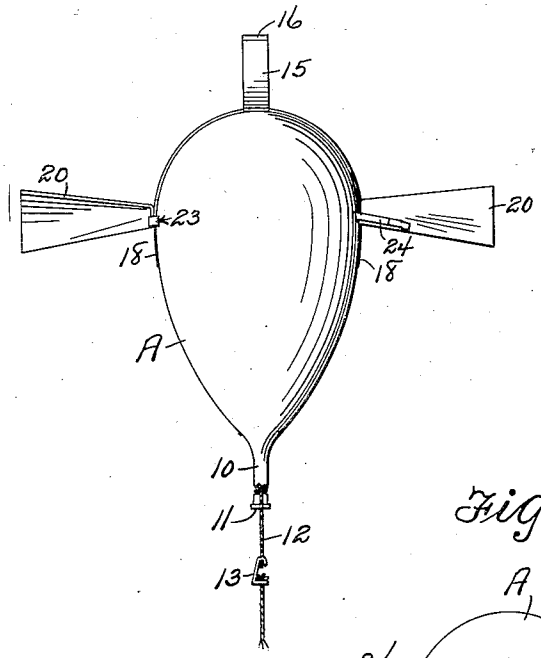


Fig. 2.

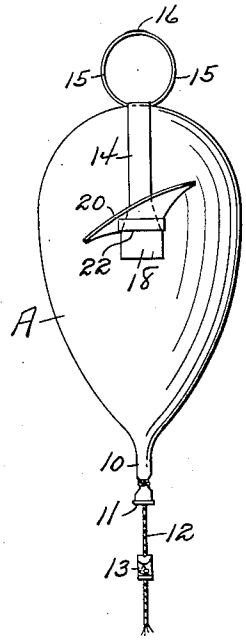


Fig. 3.

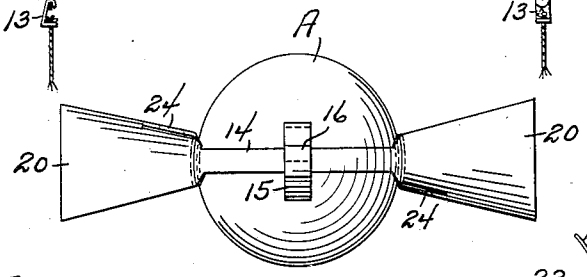


Fig. 5.

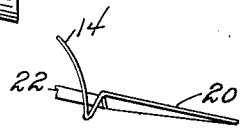


Fig. 4.

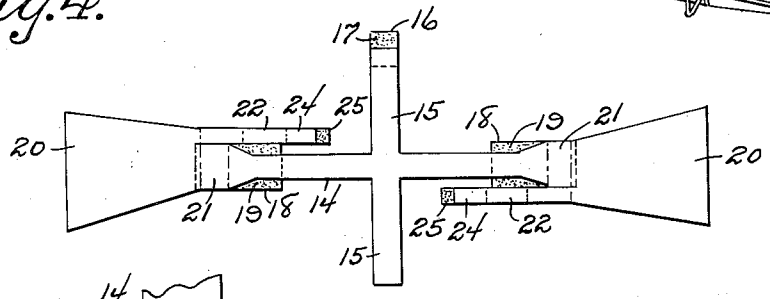
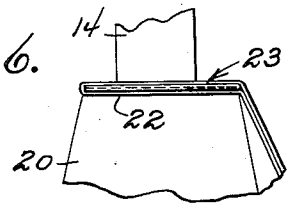


Fig. 6.



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BALLOON SPINNER

Alonzo Lee Wiener, Cleveland, Ohio

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1 Claim. (Cl. 46—53)

The invention relates to a floating balloon and more especially to a spinner for aerial balloons.

The primary object of the invention is the provision of a device of this character, wherein the same is capable of attachment to a balloon of the toy type so that when the balloon ascends it will be caused to spin, thus entertaining the operator or user of such balloon as well as spectators.

Another object of the invention is the provision of a device of this character, wherein a balloon carrying the same will be caused to float and spin kite-like in the air, it being unnecessary to manipulate the balloon when in flight as by holding the same steady by its string the air currents will actuate the balloon for the spinning thereof and also sustain it in flight, the device being of novel construction and the balloon when carrying such device can be positioned with respect to an air current delivered by an electric fan or blower and thus operate in its spinning characteristics.

A further object of the invention is the provision of a device of this character which is simple in construction, readily and easily applied to an inflatable balloon, thoroughly reliable and efficient in its purpose, affording entertainment and amusement to youngsters, strong, durable, and inexpensive to manufacture.

With these and other objects in view the invention consists in the features of construction, combination and arrangement of parts, as will be hereinafter more fully described, illustrated in the accompanying drawing, and pointed out in the claim hereunto appended.

In the accompanying drawing:

Figure 1 is an elevation of a balloon showing the spinner device applied thereto and constructed in accordance with the invention.

Figure 2 is a side view.

Figure 3 is a top plan view.

Figure 4 is a detail plan view of the device prior to the fitting thereof to the balloon body.

Figure 5 is a fragmentary edge elevation.

Figure 6 is an enlarged transverse sectional view showing the wing assembly.

Similar reference characters indicate corresponding parts throughout the several views of the drawing.

Referring to the drawing in detail A designates generally the body of an inflatable balloon which may be of any desirable shape, preferably made from rubber and, in this instance, the body is tapered at one end, which end terminates in a neck 10 having an open mouth 11 for the charging of the balloon with air, gas or other buoyant medium. Adapted to be drawn taut about the neck 10 after the filling of the balloon A through the open mouth 11 is a cord 12 which constitutes a draw and anchor line, it being preferable to have the cord in two sections, these being coupled through the medium of a universal connector 13.

Mountable on the balloon body A at its top or uppermost portion is the spinner device which comprises a saddling band 14 provided with lateral oppositely disposed center branches 15, these being at right angles to said band 14, one carrying at its end an attaching tab 16 having an adhesive face 17 so that the tab can be made secure to the end of the other extension 15, whereby on uniting the tabs with each other at their ends there will be presented at the center of the band 14 a circular hoop upstanding therefrom for decorative purposes and also as a rudder for the balloon when carrying the device.

The band 14 also has connected therewith attaching tabs 18 each having an adhesive face 19, so that it may be secured to the body A as clearly shown in Figure 1 of the drawing.

The band 14 at the end portions thereof has formed wings 20, these being cut the desired shape and through the hinge portion 21 by folding action with relation to the band 14 can be brought into a position at right angles to the longitudinal axis of said balloon body A. These wings have formed therewith foldable straps 22 which are adapted to be carried about the hinge portion 21 and the band 14 next thereto, so as to loop the same as at 23 with the end 24 of said strap carrying an attaching tab 25, this end 24 with the tab 25 overlying the wing 20 at the heel edge thereof, the tab 25 being made fast to said wing and in this fashion a rearwardly and downwardly directed curvature formation is given to the said wing 20 whereby these wings in their formation will cause a spinning action to the balloon body A when in flight or during the ascending of such balloon and thus cause the latter to be floated in kite-like style.

It is of course to be understood that the dip of the respective wings at opposite sides of the balloon body A are reversely curved so that a positive spinning action of the balloon body will occur during ascent or while in flight.

It should be apparent that the device is readily attachable to the balloon body and is removable therefrom, so that such device can be

used many times, this being had by renewing the attaching tabs as the originals might become mutilated on the removal of the device from the balloon body in each instance.

The balloon with the device attached thereto lends amusement and attaractiveness to youngsters, as such balloon during ascent or in flight will maneuver in kite-like fashion and will effect a spinning characteristic.

It should be noted that the device when applied to the balloon renders the latter puncture-proof and also effects a reinforced non-tipping fastening base so that when the balloon is in flight it will not become inverted or unduly tipped.

What is claimed is:

The combination of a balloon, means for harnessing the uppermost portion of the balloon, spinning wings or blades bent from said means and disposed at opposite sides of the balloon, means on the harnessing means for securing the same to the balloon, a ring on the harnessing means and rising vertically at the center of the balloon, a cord having swiveled connection with the balloon, the said harnessing means having hinge portions next to the blades or wings, straps embracing the hinge portions and disposed at the rearmost edges of said wings or blades to effect curvature thereof.

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