Nov. 6, 1928. 1,690,978

L. JATUNN

TOY MONOPLANE

Filed July 22, 1927

Fig. 1.

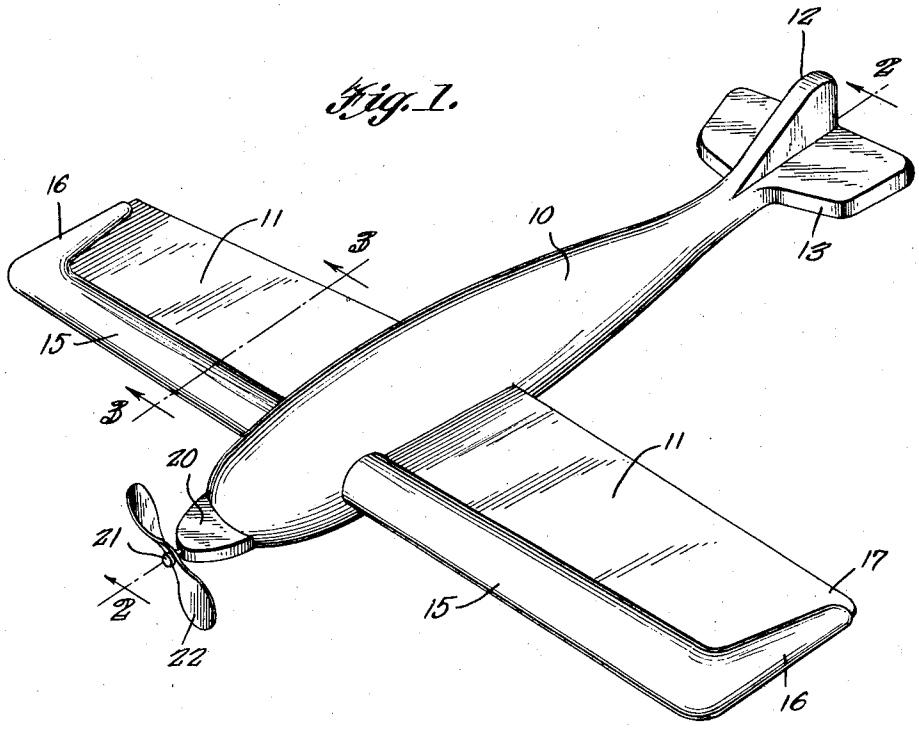


Fig. 2.

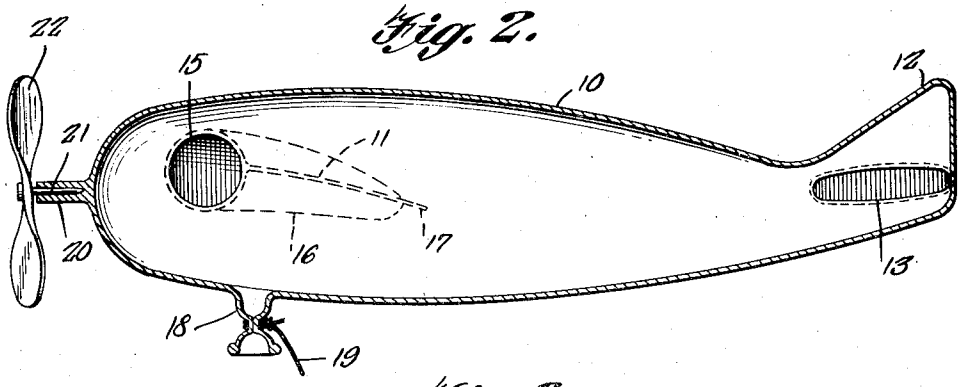
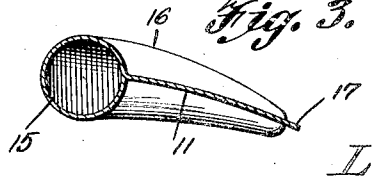


Fig. 3.



Lillian Jatunn, INVENTOR

BY Victor J. Evans

ATTORNEY

P. A. Hickey.

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UNITED STATES PATENT OFFICE.

LILLIAN JATUNN, OF TROY, MONTANA.

TOY MONOPLANE.

Application filed July 22, 1927. Serial No. 207,756.

This invention relates to improvements in toy monoplanes and has for an object the provision of an elastic or inflatable monoplane into which gas or other similar fluid may be introduced to inflate and render the toy lighter than air, so that the toy will sail or float in simulation of a monoplane.

Another object of the invention is the provision of a toy of this character having wings responsive to the action of the air through which the toy is traveling, so that the wings will produce a sound in imitation of the sound of a monoplane in flight.

With the above and other objects in view, the invention further includes the following novel features and details of construction, to be hereinafter more fully described, illustrated in the accompanying drawings and pointed out in the appended claims.

In the drawings:—

Figure 1 is a perspective view of the invention.

Figure 2 is a section on the line 2—2 of Figure 1.

Figure 3 is a section on the line 3—3 of Figure 1.

Referring to the drawings in detail wherein like characters of reference denote corresponding parts, the toy which is formed to simulate a monoplane is constructed of rubber or other elastic and inflatable material and comprises a body or fuselage 10 from which extend wings 11. The body is hollow throughout its length being formed preferably of thin rubber and has its rear end shaped to provide hollow horizontal and vertical rudders 12 and 13 respectively. The rudders communicate with the interior of the body.

The wings 11 extend from opposite sides of the body 10 and like this body are formed of thin rubber or inflatable material. The wings are provided along their leading edges with tubular portions 15 which communicate with the interior of the body, the outer ends of these tubular portions extending along the outer edges of the wings as indicated at 16 and terminating at the rear or leaving edges of the wings. These last referred to edges of the wings extend slightly beyond the rear ends of the tubular portions 16 as shown at 17 in Figure 3 of the drawings so as to provide a free edge which when subjected to the action of the air as the toy is traveling through the air, will be agitated, or will flap. This will produce a rapid sound somewhat similar to the sound of the exhaust of a monoplane engine. The body is provided with a tubular extension 18 through which gas or other buoyant fluid will be introduced. This tubular extension is adapted to be closed by a cord or string 19 and the latter may be used to cause the toy to sail rapidly through the air.

The nose of the body 10 is provided with a relatively thick extension 20. A pointed and headed element 21 is forced into this extension and provides means for mounting a propeller 22.

The invention is susceptible of various changes in its form, proportions and minor details of construction and the right is herein reserved to make such changes as properly fall within the scope of the appended claims.

Having described the invention what is claimed is:—

1. An inflatable toy comprising a monoplane formed of elastic material and including a hollow body simulating the fuselage of a monoplane with vertical and horizontal rudders at one end thereof, sheet rubber wings extending from opposite sides of the body, hollow inflatable leading edges provided upon the wings to stiffen said edges, said inflatable edges communicating with the hollow body, means whereby fluid may be introduced into the body and wings and a propeller for the monoplane.

2. An inflatable toy comprising a monoplane formed of elastic material and including a hollow body simulating the fuselage of a monoplane with vertical and horizontal rudders at one end thereof, wings extending from the opposite sides of the body, hollow inflatable leading edges provided upon the wings and communicating with the hollow

body, the remaining portion of the wings being formed of thin sheet rubber with the leaving edges of the wings free to be acted upon by air to produce sound.

3. An inflatable toy comprising a monoplane formed of elastic material and including a hollow body simulating the fuselage of a monoplane with vertical and horizontal rudders at one end thereof, wings extending from opposite sides of the body, means whereby fluid may be inserted into the body, a relatively thick sealed nose portion extending from the front end of the body, a propeller and a headed pointed element extending into the nose portion and upon which the propeller is rotatably mounted.

In testimony whereof I affix my signature.

LILLIAN JATUNN.