Aug. 25, 1925. 1,551,454

E. O. BACON

TOY AIRSHIP

Filed Dec. 4, 1924

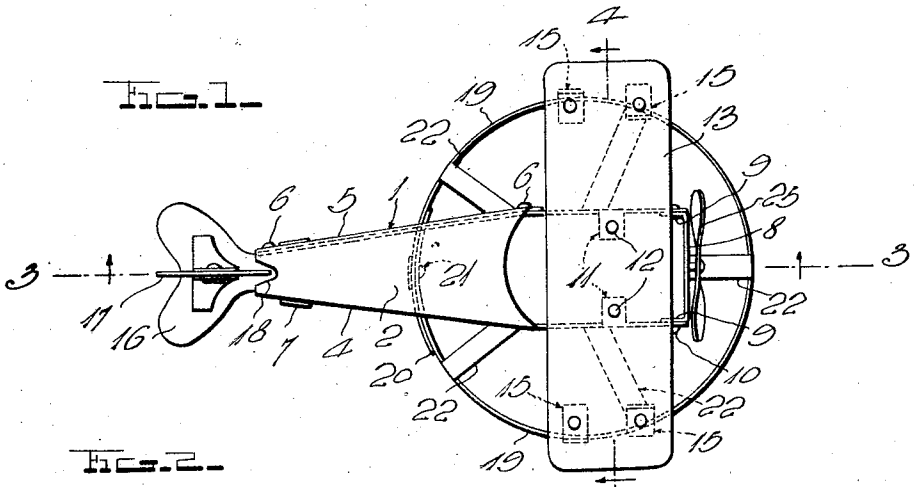


Fig. 1.

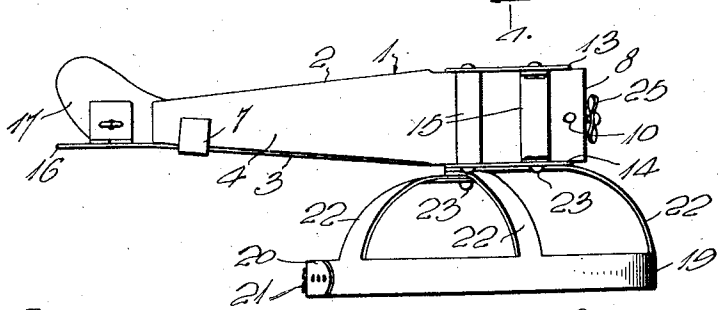


Fig. 2.

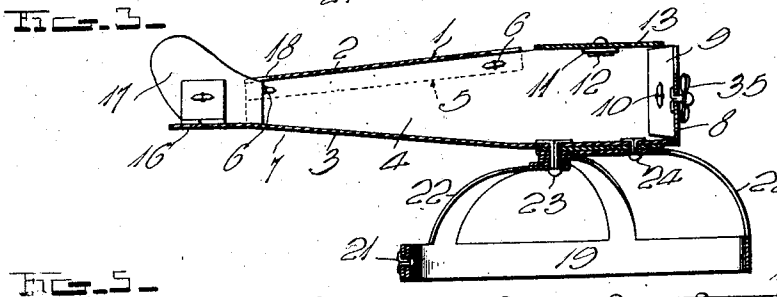


Fig. 3.

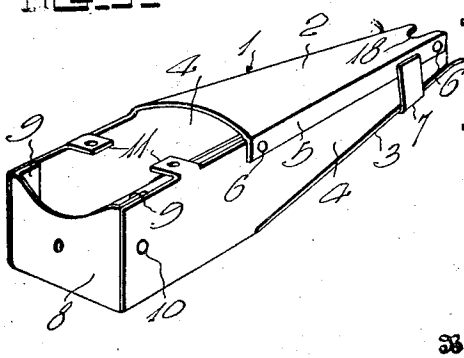


Fig. 5.

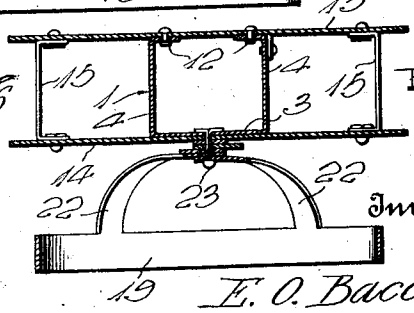


Fig. 4.

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UNITED STATES PATENT OFFICE.

EMMA O. BACON, OF ESTELLINE, SOUTH DAKOTA.

TOY AIRSHIP.

Application filed December 4, 1924. Serial No. 753,974.

To all whom it may concern:

Be it known that I, EMMA O. BACON, a citizen of the United States, residing at Estelline, in the county of Hamlin and State of South Dakota, have invented certain new and useful Improvements in Toy Airships; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in toy airships and the present disclosure is directed primarily to one which may be easily and inexpensively formed from paper or similar material.

The principal object of the invention is to provide a top airship connected in a novel manner with a head band which is adapted to surround a person's head, so that by facing toward the wind or running, the user of the device may make the propeller of the toy revolve.

Another object is to provide a simple and inexpensive construction which permits the devices to be shipped in a flat condition if desired, and easily assembled by the purchaser, who may employ ordinary paper fasteners for securing the several sections together.

With the foregoing and minor objects in view, the invention resides in the novel subject matter hereinafter described and claimed, the description being supplemented by the accompanying drawings.

Figure 1 is a top plan view showing the invention.

Figure 2 is a side elevation.

Figures 3 and 4 are sectional views on lines 3—3 and 4—4 of Fig. 1.

Figure 5 is a perspective view of the fuselage.

In the form of construction illustrated, the numeral 1 designates a fuselage whose top side 2, bottom side 3, and vertical sides 4, are all formed from a single piece of material, one of said sides, preferably the top side 2, being provided with a flange 5 which is secured against the adjacent side, by appropriate fasteners 6. In order to impart the desired formation to the rear end of the fuselage, the rear portion of the bottom side 3 is separated from the vertical sides 4 permitting them to be drawn inwardly into tapered form, and to support the rear end of said bottom side, I prefer to use an adhesive strip 7, said strip passing under the fuselage and having its ends secured to the sides 4.

A fuselage front 8 is bent upwardly from the front end of the bottom member 3 and is provided with rearwardly bent flanges 9 which may be secured to the sides 4 by paper fasteners or the like 10. The top side 2 preferably terminates in rear of the front member 8, and in the space between the two, the sides 4 may be provided with inwardly bent tabs 11 through which paper fasteners or the like 12 are passed to secure a top plane 13 to the fuselage. A bottom plane 14 is shown extending under said fuselage, and by appropriate vertical struts 15, it may be connected with the top plane 13.

The rear end of the bottom side 3 is preferably extended to provide a horizontally disposed rudder 16, to which a vertically positioned rudder 17 may be suitably connected, the top side 2 of the fuselage being preferably provided with a notch 18 receiving a portion of said rudder 17, to assist in holding it in upright position.

Disposed under the front portion of the fuselage, I have shown a band 19 which is adapted to surround the user's head, said band being preferably adjustable, for instance, by forming it from a single strip of material having overlapped perforated ends 20 connectable with each other by means of a paper fastener or the like 21. This band 19 is provided with a plurality of upwardly and inwardly curved arms 22 whose upper ends are overlapped. I preferably pass one paper fastener or the like 23 through these overlapped ends, through the bottom plane 14 and through the bottom of the fuselage 4 to connect all of these parts. In addition to this fastening means, I prefer to pass another fastener 24 through one of the arms 22, through the bottom plane 14 and through the bottom of the fuselage 4, so that relative turning of the head gear and the toy aeroplane, is prevented.

Mounted upon the front end 8 of the fuselage, in such a manner that it may freely rotate, is a wind-actuated propeller 25. By placing the head gear upon the user's head, facing the wind, walking toward it, or running, he will cause the propeller 25 to rapidly rotate, so that very pleasing results may be obtained.

It will be seen from the foregoing that the invention is simple and inexpensive,

may be readily stamped from paper or other sheet material, delivered to the purchaser in knock-down, sheet form, and quickly and easily assembled for use. Moreover, it will be seen that a great deal of enjoyment may be derived by children, from the use of the toy.

As excellent results are obtainable from the details disclosed, they may well be followed. However, within the scope of the invention as claimed, modifications may of course be made.

I claim:

1. A toy comprising a simulation of an airship, said simulation having a rotatably mounted wind-actuated propeller, a band under said simulation adapted to surround a person's head, and connecting members connecting circumferentially spaced points of said band with said simulation.

2. A toy comprising a simulation of an airship having a fuselage and a plane member at the lower side thereof, a band member under said simulation adapted to surround a person's head, spaced connecting elements integral with one of the aforesaid members, and means securing said connecting elements to the other of said members.

3. A toy comprising a simulation of an airship having a fuselage and a plane member at the lower side thereof, said plane member and fuselage having contacting portions and fasteners passing therethrough to unite said plane member and fuselage, and a band under said simulation adapted to surround a person's head, said band having portions through which the aforesaid fasteners pass to secure the band and simulation together.

4. A toy comprising a simulation of an airship, a horizontally disposed band spaced below said simulation and adapted to surround a person's head, said band having upwardly and inwardly curved arms whose upper ends overlap each other, and fastening means securing said overlapped arm ends to the lower side of said simulation.

5. A toy comprising a simulation of an airship having a fuselage and a plane member at the lower side thereof, a horizontally disposed band spaced below said simulation and adapted to surround a person's head, said band having upwardly and inwardly curved arms whose upper ends overlap each other, and fastening means passing through said overlapped arm ends and through said plane members and fuselage to secure them together.

In testimony whereof I have hereunto affixed my signature.

EMMA O. BACON.