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AIRPLANE HEAD GEAR TOY.

Filed April 12, 1929

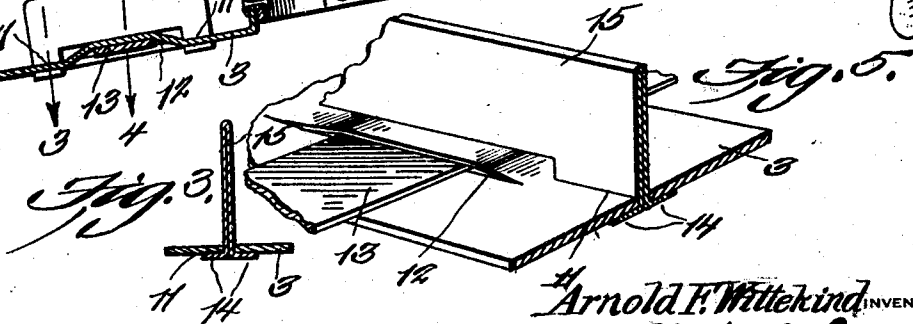
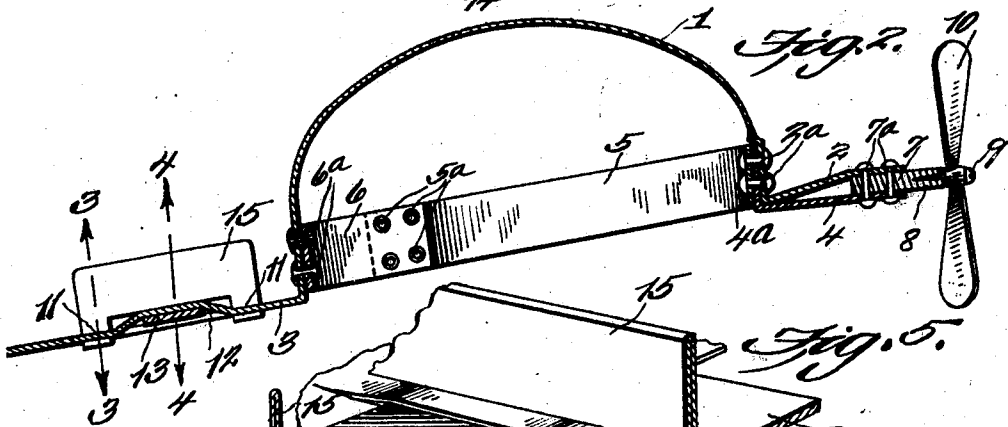
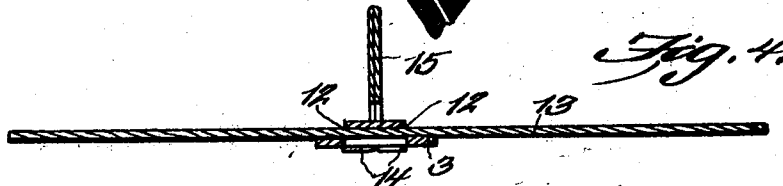


Fig. 5.

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AIRPLANE HEAD-GEAR TOY

Application filed April 12, 1929. Serial No. 354,547.

The present invention relates to the art of toys, and more especially to an improved airplane head gear toy, to be worn on the head of the boy or girl, so that when walking fast or running a propeller in front of the head gear will revolve, due to the wearer passing through the air relatively rapid.

It is the purpose of the present invention to provide a toy of this kind which is relatively simple in construction and compactly made and capable of securely holding to the head when in use.

Another purpose is to provide an airplane head gear toy having its front and back portion constructed to have the appearance of certain features of an aircraft. In other words the head gear of the toy comprises a band with a tensioned portion to fit around the head, with a band or strap extending from the front over the head to the back thereof, the front portion having a transverse wing with a propeller attached, the back portion having a tail extension and a transverse tail wing and a rudder piece, which features present an appearance comprising ear marks of an aircraft.

One of the features of the invention consists in the construction of the tail, namely an improved means for holding the tail wing in position on the tail extension by means of the tail rudder element and then again the improved means for mounting the front wing and propeller at the front of the head gear.

It is to be understood that the particulars herein given are in no way limitative, and that while still keeping within the scope of the invention, any desired modification of details and proportions may be made in the construction of the appliance according to circumstances.

The invention comprises further features and combination of parts to be hereinafter set forth, shown in the drawings and claimed.

In the drawings:—

Figure 1 is a perspective view of the airplane head gear toy constructed in accordance of the invention and applied to the head of a boy.

Figure 2 is a longitudinal sectional view through the toy.

Figure 3 is a sectional view on line 3—3 of Figure 2.

Figure 4 is a sectional view on line 4—4 of Figure 2.

Figure 5 is a detailed perspective view of a portion of the tail of the toy, showing more in detail the construction.

Referring to the drawings, 1 identifies a band or strap which extends across the crown of the head, and which terminates forwardly and rearwardly into stiffened extensions 2 and 3. The body of the band or strap 1 is relatively pliable, in order to conform to the crown of the head.

A forward transverse wing 4 is provided, and also a substantially circular band or strap 5. The band or strap 5 extends around the head and at the rear portion the band 5 is spliced with an elastic piece 6, which tensions the band 5 and is designed to hold the band securely on the head, the elastic tensioning piece being secured to the rear part of the over crown band or strap 1.

The rear edge of the forward wing has an extension flange which is riveted between the forward part of the over head crown strap or band and the band 5, so as to connect the wing 4 to the head gear.

The forward wing is also riveted to the forward stiffened extension 2, in order to hold the wing 4 in a transverse position, there being a wood insert piece 7 between the stiffening extension 2 and the wing 4. The wood insert spacing piece 7 has an extension 8 into which a screw 9 is fitted, the screw carrying a propeller 10 capable of revolving in the wind when the boy or girl walks or runs relatively rapid.

The stiffened tail 3 is provided with slots 11, which are spaced end to end, and extend longitudinally. The stiffened tail has additional longitudinal slots 12, which are relatively long and are spaced transversely. The latter slots 12 receive a transverse rear wing 13, while the slots 11 receive the laterally bent flaps 14, which are extensions of the tail rudder 15. This tail rudder 15 arches the stiffened tail 3 between the slots 12.

The tail rudder is made up from a single piece of material such as card board, tin or any other suitable material which will assume an upright position, bent upon itself as is shown in Figure 5, so as to provide the lateral flanges 14. The substantially circular band or strap 5 may be made of any pliable material such as leather, tape or the like, while the crown strap or band may be made of similar material, but the forward and rear extensions 2 and 3 may be stiffened in any known manner and by any suitable solution, such as will not be affected by the atmosphere. The propeller may be made of wood or tin or aluminium, while the transverse forward and tail wings may be made of pasteboard, wood, tin or aluminium or the like, in fact any material that will retain its stiffness.

While it is herein stated that the various parts such as the band or strap 5 and the band 1 and the other parts may be made out of leather tape or the like and stiffened or made pliable wherever desired, it is to be understood that the various parts may be made preferably of celluloid, of a relatively thin character, and in this case, the various parts may be riveted together by means of eyelet rivets such as 5^a and 6^a or headed rivets such as 2^a and 7^a, or otherwise fastened.

The invention having been set forth, what is claimed is:

1. A toy comprising a simulation of an aircraft, said simulation consisting of a band to engage around the head horizontally from the forehead to the back of the head, a second band to engage over the crown of the head and connected to the forward and rear portions of the first band, the second band having an extension forwardly where it connects with the first band, a transversely disposed wing having a rear centrally disposed piece secured between the two bands where they connect in the front, an insert spacing piece secured between the wing and said extension, a propeller rotatably carried by an extended end of the spacing piece, said simulation having a transversely disposed tail wing and a tail rudder.

2. A toy comprising a simulation of an aircraft, said simulation comprising a horizontal band to engage around the head from the forehead to the rear thereof, and a band connected to the first band at the forehead and at the rear thereof and to extend over the crown of the head, said simulation including a forward transversely disposed wing operatively connected to the forward portions of both bands, an extension piece secured on the wing centrally thereof, a propeller rotatably carried by the extension piece, said simulation at the rear having a tail rudder and a transversely disposed rear wing.

3. A toy comprising a simulation of an

aircraft, said simulation including a head gear, said head gear at its front having an extension and provided with a transversely disposed wing adapted to assume a position in front of the forehead, a spacing piece secured to the central part of the wing and between the wing and the extension, a propeller carried by the spacing piece, the rear of the head gear provided with an extension, and a tail rudder and rear wing operatively supported on the extension at the rear.

4. A toy comprising a simulation of an aircraft, said simulation consisting of a head gear adapted to fit the forehead and the crown of the head, said head gear having a rear extension provided with slots, a tail rudder supported on the rear extension, a horizontally disposed rear wing engaging through the slots, said rudder having an opening at its lower portion, whereby the material of the rear extension between the slots may bulge into the opening, a forward horizontally disposed wing carried by the head gear, and a rotatable propeller operatively supported adjacent the forward part of the forward wing.

5. A toy comprising a simulation of an aircraft, consisting of a head gear having a horizontally disposed wing at its forward portion and a propeller adjacent said wing, said head gear having a rear extension provided with parallel slots, a rear wing extending through the slots, and a tail rudder arching over the rear wing and having flap and slot connections with the extension to hold the tail rudder in position.

6. A toy comprising a simulation of an aircraft, said simulation consisting of a head gear having a forward transversely disposed wing, a propeller carried by the forward edge of said wing, the rear of the head gear having an extension, a transversely disposed wing carried by the rear extension, and a tail rudder arching over the tail wing and secured to the rear extension.

In testimony whereof he affixes his signature.

ARNOLD F. WITTEKIND.