

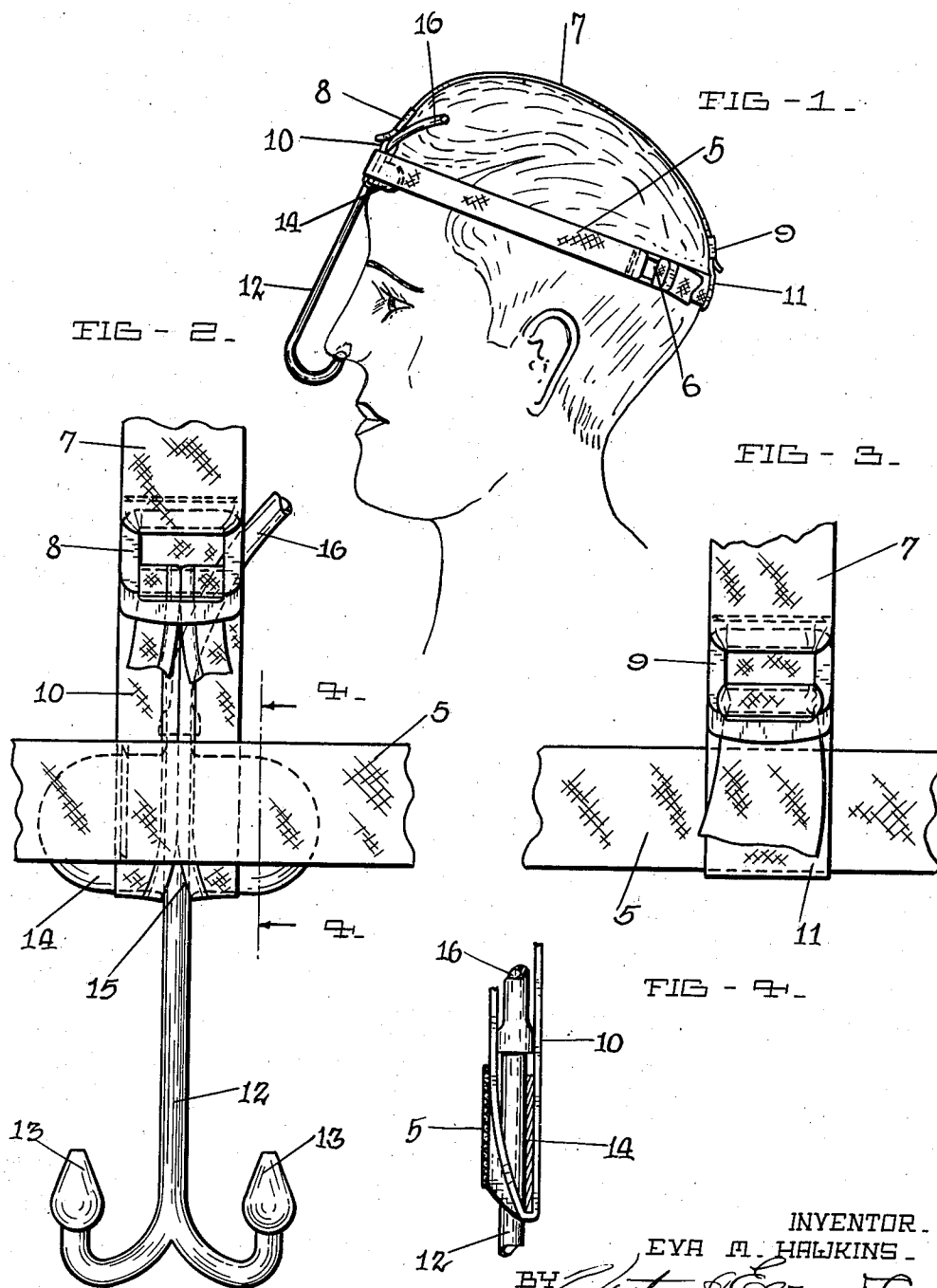
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ADJUSTABLE HEAD ATTACHMENT FOR OXYGEN TUBES

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ADJUSTABLE HEAD ATTACHMENT FOR
OXYGEN TUBES

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3 Claims. (Cl. 128—206)

This invention relates to improvements in adjustable head attachments for oxygen tubes, whereby the oxygen tube or inhalator may be readily adjusted to the head of the patient and securely held in place while treatment is being administered to said patient.

The primary object of the present invention is the provision of an improved adjustable headgear having combined therewith an inhalator for the introduction of oxygen or an anesthetic to the nostrils of a patient so that the inhalator or oxygen tube may be held securely in place on the head of the patient during treatment.

Another object of the invention is to provide an adjustable headgear of the character set forth that when adjusted to the contour of the head of the patient will strictly conform to the shape of the head without any discomfort to said patient and will securely hold the inhalator in position when once properly adjusted.

A further object of the invention is to provide a device of the character set forth that is positive in operation, may be quickly and easily adjusted to the head of the patient, and that is extremely simple in its make-up.

Other objects and advantages will be apparent during the course of the following description.

In the accompanying drawing forming a part of this specification and in which like numerals are employed to designate like parts throughout the same,

Fig. 1 is a side elevation, showing my improved device attached to a patient's head, with the oxygen tube or inhalator in position in the nostrils of the patient;

Fig. 2 is an enlarged front elevation of the improved headgear arrangement, showing one of the adjusting buckles and the depending branched applicator tube of the device attached to said headgear;

Fig. 3 is an enlarged fragmentary elevation, illustrating the crown band and the temple band of the device and an additional adjusting buckle for the crown band; and

Fig. 4 is a transverse section taken on the line 4—4 of Fig. 2 and further illustrating the device.

Various devices have been utilized for holding inhalator elements in position upon the head of a patient, but none of these, to my knowledge, include a headgear embodying an adjustable temple band and an adjustable crown band capable of correctly positioning and retaining the inhalator element in the nostrils of the patient during treatment.

The invention is constituted primarily of the

headgear and the means of attachment to the inhalator and comprises in detail a non-elastic temple band 5 capable of encircling the head of the patient, as shown in Fig. 1, and is provided with an adjusting buckle 6 capable of adjusting the temple band 5 to the contour of the patient's head, also a crown band 7 having adjusting buckles 8 and 9 capable of adjusting and retaining the crown band 7 in the desired adjusted position upon the head of the wearer. Short looped bands 10 and 11 are looped over the temple band 5 and are connected to the buckles 8 and 9 respectively, whereby the crown band may be adjusted relative to said temple band.

An applicator tube 12 is provided with nozzles 13 capable of being inserted in the nostrils of the patient, and said tube is also provided with a curved plate 14 secured to one side thereof and capable of resting against the forehead of the patient, as indicated in Fig. 1, said applicator tube being supported by the curved plate 14 through the medium of the looped band 10, which band is split, as indicated at 15 in Fig. 2, to allow the insertion of the tube therethrough. The curved plate 14, which extends through said looped band, supports the tube 12 in position, the band 10, of course, being stitched to the temple band 5.

The upper end of the tube 12 is provided with a slip head over which a supply tube 16 may be fitted, as in Figs. 2 and 4, said tube 16 being connected to any suitable supply source, such as an oxygen tank.

It will thus be observed that I have provided a simple headgear of the character set forth which may be readily adjusted to the head of the patient, and one which will securely hold the inhalator in fixed position during treatment and which will not in the least cause any discomfort to the patient.

It is to be understood that the form of my invention herewith shown and described is to be taken as a preferred example of the same and that various changes relative to the material, size, shape and arrangement of parts may be resorted to without departing from the spirit of the invention or the scope of the subjoined claims.

Having thus described my invention, I claim:

1. In a device of the character described, comprising an adjustable head gear including a temple band and a crown band having loops receiving the temple band, the front loop provided with a vertical slit on its inner face, and an applicator passing through said slit and provided with

a transverse curved plate engaging the inner face of the temple band.

2. In a device of the character described, comprising an adjustable head gear including a crown band having loops at its front and rear ends, a temple band secured to the front loop on the outside thereof and passing loosely through the rear loop, the front loop provided at its lower end with a vertical slit, and a rigid applicator passing through said slit and provided at its upper end with a transverse curved plate arranged between the folds of the loop.

3. In a device of the character described, comprising an adjustable head gear including an adjustable crown band having loops at its front and rear ends, an adjustable temple band secured to the front loop on the outside thereof slightly above the lower end and passing loosely through the rear loop, the front loop provided at its lower end with a vertical slit, and a rigid applicator passing through said slit and provided at its upper end with a transverse curved plate arranged between the folds of the loop.

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