May 13, 1930.

W. H. BROOKER

1,758,142

HAT VENTILATOR

Filed Sept. 25, 1928

Fig. 1.

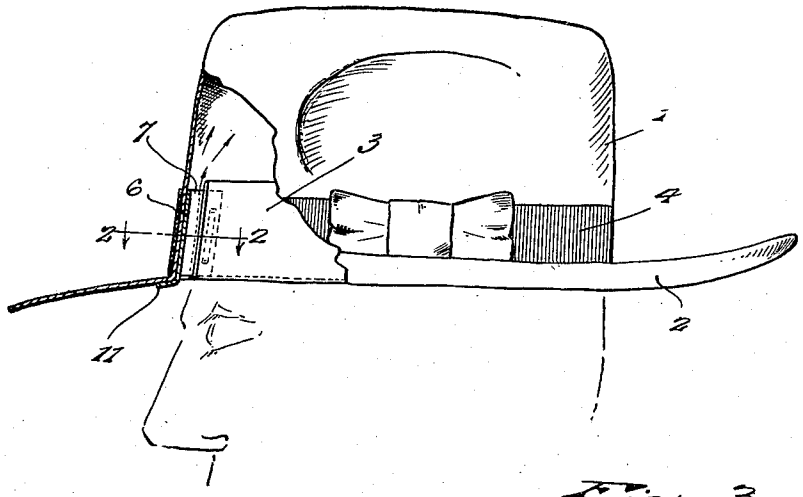


Fig. 2.

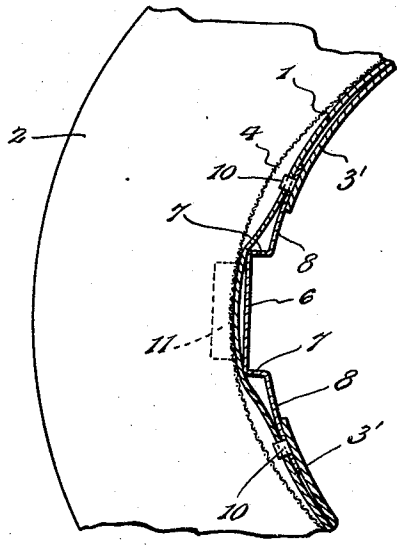


Fig. 3.

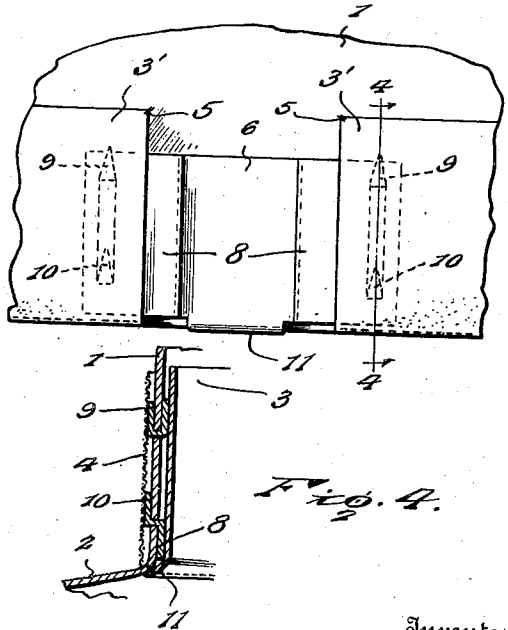
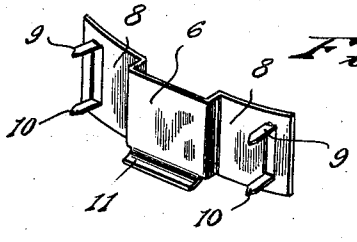


Fig. 4.

Fig. 5.



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UNITED STATES PATENT OFFICE

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HAT VENTILATOR

Application filed September 25, 1928. Serial No. 308,302.

This invention relates to apparel and more particularly to a ventilator adapted to be applied to a hat so that air may circulate between a hat and the head of a person wearing the hat and thereby keep the interior of the hat cool.

Hats as now made are provided with a sweat band secured within the crown to bear against the head of a person wearing the hat in order to prevent perspiration from staining the hat. This sweat band fits closely about a person's head and the interior of the hat crown soon becomes overheated. This causes a hat to be hot and, in addition, the overheated air within the hat and the pressure of the hat band often causes a person's hair to fall out. By removing a person's hat it will often be found that above the hat line the head will be covered with perspiration and the hair above the hat line will be a great deal thinner than below and, in fact, a person will often have a good growth of hair below the hat line and practically bald above the hat line.

It is, therefore, one object of the invention to provide an attachment which may be applied to a hat between the sweat band and the lower portion of the crown of the hat with portions offset outwardly, thereby establishing passages through which air may pass when a hat is worn and prevent the interior of the hat from becoming overheated.

Another object of the invention is to so form the attachment that when it is applied to a hat a portion of the sweat band may be removed, thereby preventing the sweat band from extending entirely about the head and relieving the head from an encircling pressure which tends to cut off circulation of blood through the upper portion of the head. By this arrangement the roots of the hair will receive the proper supply of blood and the hair will not as quickly fall out.

Another object of the invention is to provide a hat ventilator adapted to be secured between spaced end portions of a sweat band and the crown of a hat and formed with anchoring means adapted to engage beneath the brim of a hat and very effectively retain the device in proper position.

Another object of the invention is to provide a device of this character which may be formed entirely of sheet metal.

The invention is illustrated in the accompanying drawing, wherein

Figure 1 is a view, partially in side elevation and partially in section, showing a hat with one of the improved ventilators applied thereto at its front.

Figure 2 is a transverse sectional view through the front portion of the hat shown in Figure 1, taken on the line 2—2.

Figure 3 is a fragmentary view looking at the forward portion of the hat from within the crown.

Figure 4 is a vertical sectional view taken on the line 4—4 of Figure 3.

Figure 5 is a perspective view of the device.

The hat ventilator constituting the subject matter of this invention has been shown applied to a felt hat but it will be understood that it may, with equal facility, be applied to a straw hat, a cap, or any other type of hat. The hat includes the usual crown 1, brim 2, sweat band 3, and hat band 4, and in order to apply the ventilator, a portion of the sweat band has been removed at the front of the hat, thereby providing the sweat band with end portions 3′ spaced from each other. While the ventilator has been shown at the front of the hat, it will be understood that it could be applied at the back instead of the front or both at the front and back and also at the sides of the hat, if so desired. The separated ends of the sweat band may be secured at their upper ends by stitches, as shown at 5, or they may be left free.

The ventilator consists of a strip of sheet metal bent in spaced relation to its ends to provide an offset intermediate portion 6 having end walls 7 from which extend wings 8 formed by the end portions of the strip of sheet metal. These wings are of such length that they may fit between the hat crown and the spaced end portions of the sweat band and have tongues cut vertically adjacent their free ends which tongues are severed diagonally intermediate their ends to provide upper and lower prongs 9 and 10 adapted to be passed outwardly through the hat crown with

their protruding outer ends clinched against the outer surface of the hat crown where they will serve to firmly retain the ventilator in its proper position but, at the same time, be covered by the hat band and hidden from view.

From the lower end of the offset intermediate portion projects a tongue 11 which tongue is slightly less in width than the intermediate portion and this tongue is bent to project outwardly beneath the hat brim, as shown clearly in Figures 1 and 4, where it will very effectively prevent the ventilator from being forced upwardly when a hat is set in place upon a person's head and thereby relieve the prongs 9 and 10 from strain which might cause them to tear the hat and work loose.

When the ventilator is applied to a hat a portion of the sweat band is removed to provide the spaced end portions 3′ and the device set in place, as shown in Figures 2 and 3, with its prongs passed outwardly through the crown of the hat behind the hat band and bent upwardly into a clinching position. When the hat is worn it is set in place upon a person's head in the usual manner and since the offset portion 6 projects outwardly, space will be provided between the head and this offset portion of the attachment, as shown in Figure 1. Therefore, a passage will be formed through which air may pass, as indicated by dottel lines in Figure 1, and an accumulation of warm air within the hat above the head prevented. It will also be noted that since the ends 3′ of the sweat band terminate in spaced relation to each other, an encircling pressure about the head by the sweat band will be prevented and cutting off of proper flow of blood to the roots of the hair eliminated. The device may be applied to a hat when made by a manufacturer or sold as a separate article of manufacture. In view of the fact that the forehead is left bare between the spaced ends of the sweat band, perspiration will be prevented from staining the hat.

What is claimed is:

1. A hat ventilator adapted to be located wholly within the crown adjacent the lower edge thereof and between intercepted ends of the sweat band, the same consisting of a thin elongated body offset laterally between its ends to provide an air passage and end wings, and having an outwardly disposed tongue at the bottom edge of the offset portion to underlap the brim or lower edge of the crown.

2. The combination with a hat including a sweat band having a portion removed from its length to provide a space, of a ventilator located wholly within the crown adjacent the lower edge thereof and comprising a thin elongated body having a portion intermediate its ends offset outwardly to provide an air passage occupying the beforementioned space, and having the end portions underlapping the intercepted ends of the sweat band and secured to the hat crown.

In testimony whereof I affix my signature.

WILLIAM H. BROOKER. [L. S.]