Dec. 27, 1955 H. M. BIRCH 2,728,083

SWEAT BANDS

Filed Sept. 22, 1952

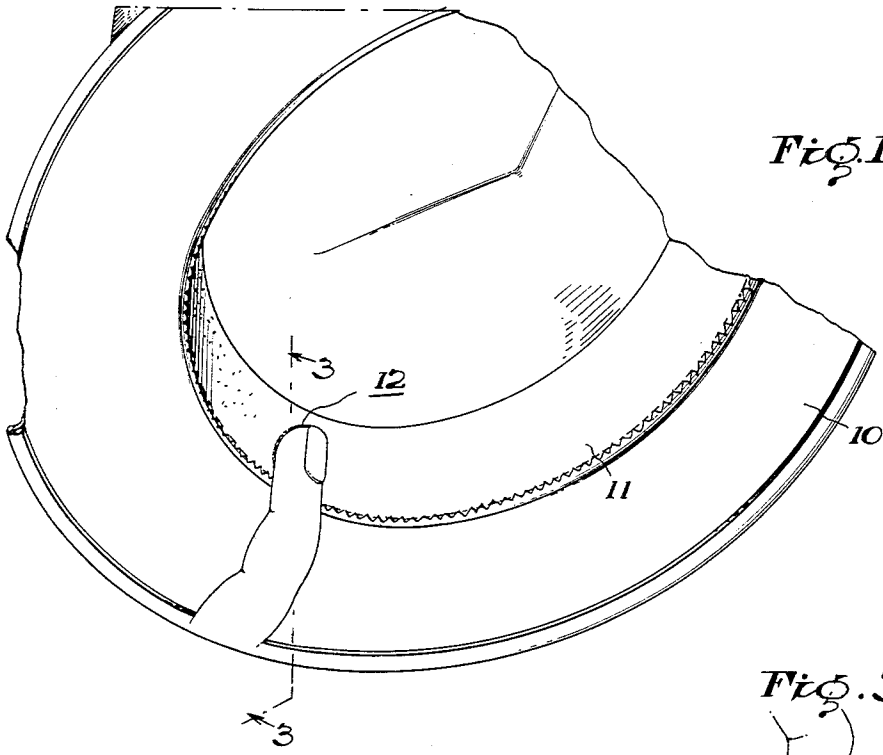


Fig. 1.

Fig. 3.

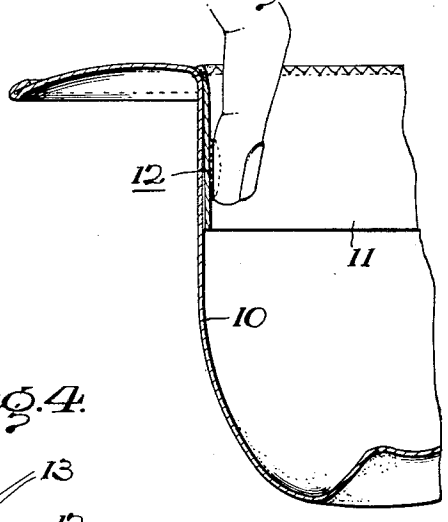


Fig. 2.

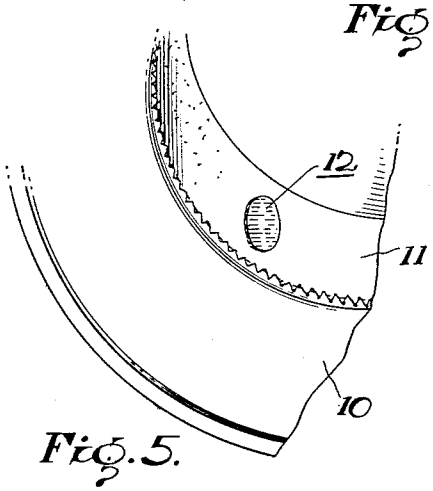


Fig. 4.

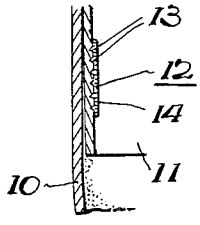
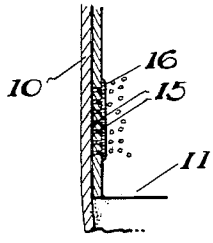


Fig. 5.



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SWEAT BANDS

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1 Claim. (Cl. 2—181)

The present invention relates to sweat bands for head coverings, such as hats, caps or the like.

The principal object of this invention is to provide a sweat band having a hat retaining spot or area formed in a small portion of the band material at a position which will be adjacent to the center of the forehead of a wearer of the hat and which spot is preferably disposed between the upper and lower edges of the sweat band.

Sweat bands are usually made of leather or leatherlike material with an outwardly appearing smooth surface. This surface may of course be of plastic or any other suitable material. The sweatband alone is not sufficient to hold a hat or cap on the head on a windy day and it has been discovered that a recessed area on the interior surface of the sweatband when slightly moistened will provide a fluid interlock with the pores in the forehead skin and cause this area of the band to adhere to the forehead skin of a hat or cap wearer's head so that the wind even at gale proportions does not blow the hat or cap off. This loss of a hat in the wind is a constant worry in windy weather and many a good hat is left home on a windy day for fear of having it blown off into the street, a mud puddle or the like.

The above and other objects of the present invention will appear more fully hereinafter from a consideration of the detailed description which follows, taken together with the accompanying drawing wherein two embodiments of the invention are illustrated. It is to be expressly understood, however, that the drawings are for the purpose of illustration only and are not intended as definition of the limits of the invention.

In the drawings, wherein like reference characters refer to like parts throughout the several views:

Figure 1 is a fragmental perspective view of a hat, as observed toward the interior thereof and showing the application of the present invention thereto, wherein the recessed area is being moistened from the tip of a wearer's finger.

Figure 2 is a fragmental view corresponding to Figure 1, showing the relative disposition of the recessed area with a film of moisture applied thereto.

Figure 3 is a cross section view taken along the section line 3—3 of Figure 1 with the hat in inverted position;

Figure 4 is a detailed view in cross section of one form of the novel recessed spot, showing the spot surface suitably formed with minute depressions, canals, or the like adapted to retain a film of moisture, until engaged with skin on the forehead;

Figure 5 is another embodiment of my invention showing the spot on the sweatband made with small openings, channels or canals which extend through the thickness of the band and also showing the moisture held in the openings, channels or canals as well as the moisture film over the spot, which film when applied to the forehead skin tends to provide a fluid interlock with the skin pores and the said openings, channels or canals.

Referring to the drawing and first with reference to Figures 1, 2 and 3, there is shown at hat **10** with a sweatband **11** formed with a recessed area **12** concentrated in one spot of the band. This area is provided with small recesses, dents, canals, or the like in the forehead adjacent side of the sweatband. For example, one form is illustrated in Figure 4, wherein the spot formations **13** are minute depressions, dents or the like. Also in Figure 4 is shown a film of moisture **14** over and within the formations **13**. The moisture may be applied directly by the tip of the potential hat wearer's tongue.

A second form of the invention is illustrated in Figure 5, wherein the spot or the entire sweatband surface may be formed with formations **15** such as small canals, openings, or the like. The moisture film **16** when applied will penetrate these openings or canals and when the fluid held in the spot formations contacts the forehead will be temporarily interlocked with the pores in the skin, until manually released.

The exact reason for the effective adhering action of the depressions, recesses or dents of Figure 4 and the canals of Figure 5 in combination with the applied moisture is not precisely known, but it is believed that such action may be partly due to a fluid interlock between the several dents, pores or the like of the small area and skin recesses in the forehead.

Thus I have provided a sweatband having the ability to hold a hat, cap or the like on the head of a wearer in windy weather and wherein the sweatband may be manufactured economically in the usual standard manner with only the subsequent simple formation of the relatively different surface spot therein, whether the formations are openings, canals, recesses or dents.

Although only two embodiments of the invention have been illustrated in detail, it is to be expressly understood that the same is not limited thereto, as various changes may be made in the formation and shape of the recessed area on the sweatband. For a definition of the scope or limits of the invention, reference should be had to the appended claim.

What I claim is:

A sweatband for use in headwear having a smooth glossy inner head engaging surface throughout its entire extent, except for a relatively small area disposed at the forehead engaging portion and between the upper and lower edges thereof, said area being provided with a plurality of moisture receiving recesses which are substantially larger than the normal pores in a sweatband, the recesses in cooperation with opposing pores in the forehead of a wearer adapted to hold liquid and provide a fluid interlock between the sweatband and the forehead of a wearer for retaining headwear provided with the sweatband in wearing position when subjected to the action of relatively strong winds.

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