Nov. 3, 1925. 1,559,917

W. H. SCHNEBEL

SANITARY DETACHABLE SWEATBAND

Filed Oct. 21, 1921

FIG. 1.

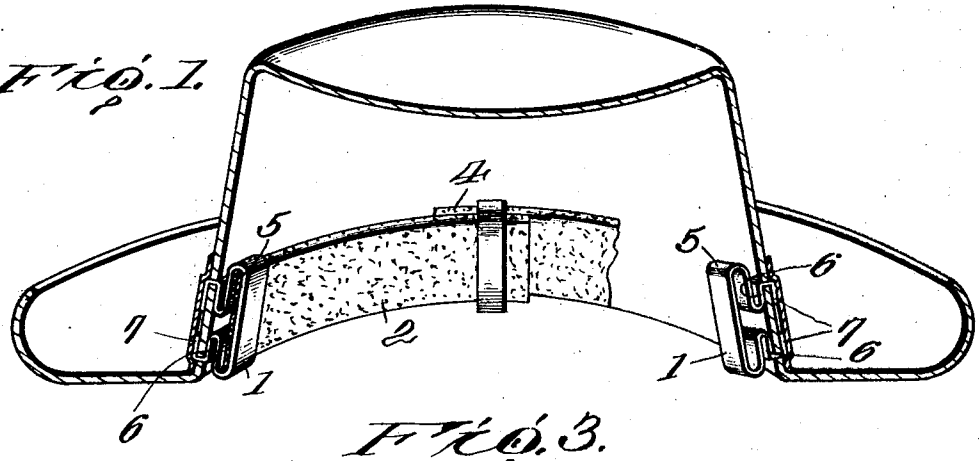
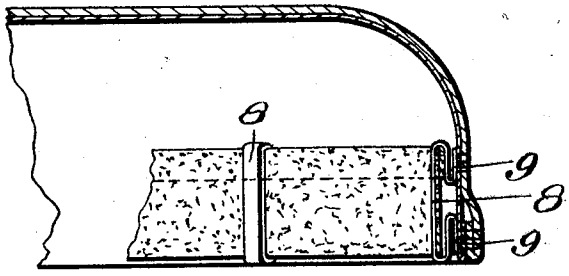


FIG. 3.



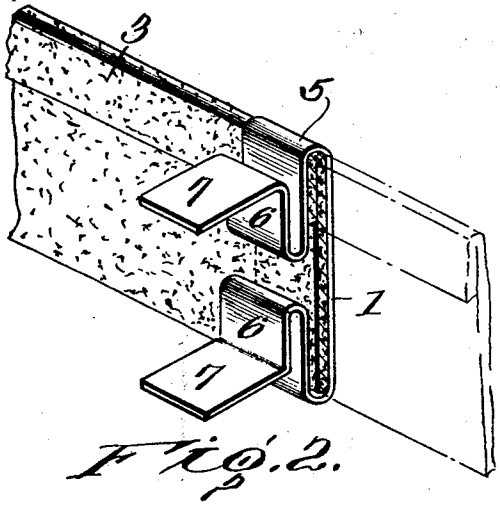
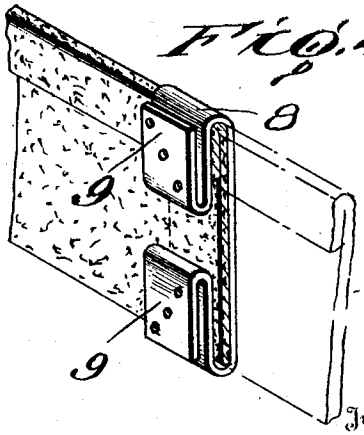


FIG. 2.

FIG. 4.



Inventor

W. H. SCHNEBEL.

By Attorney

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UNITED STATES PATENT OFFICE.

WILLIAM HENRY SCHNEBEL, OF FOREST HILL GARDEN, NEW YORK.

SANITARY DETACHABLE SWEATBAND.

Application filed October 21, 1921. Serial No. 509,397.

To all whom it may concern:

Be it known that I, WILLIAM HENRY SCHNEBEL, a citizen of the United States, residing at Forest Hill Garden, Long Island, in the county of Queens and State of New York, have invented certain new and useful Improvements in Sanitary Detachable Sweatbands, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to certain new and useful improvements in sweat bands for head coverings, such as hats, caps, helmets and the like, the object being to provide an adjustable, detachable sweat band for a hat which is mounted in suitable guides carried by the crown of the hat in such a manner that it can be readily inserted or removed so that it can be thoroughly cleaned.

Another and further object of the invention is to provide a sweat band which is held away from the inner face of the crown so as to allow circulation of air between the sweat band and the crown in order to prevent baldness and to prevent perspiration from passing from the sweat band to the hat proper and discoloring the same.

Another and further object of the invention is to provide a hat band which is capable of adjustment to the requirements of the individual wearing it, the same being formed of a strip of any suitable material, such as celluloid or the like having its ends overlapped so that it can expand and contract.

A still further object of the invention is to provide a sweat band which is exceedingly simple and cheap in construction, the guides being secured to the crown in a novel manner so that the sweat band can be readily threaded through the guides.

Other and further objects and advantages of the invention will be hereinafter set forth and the novel features thereof defined by the appended claims.

In the drawings,

Figure 1 is a longitudinal section through a hat showing the application of my improved construction of sweat band;

Figure 2 is a detail perspective view of one of the guides showing the sweat band in position;

Figure 3 is a detail section showing a slightly modified form of guide to be used with a cap or the like; and

Figure 4 is a detail perspective view of the guides showing the band in place.

In carrying out my invention I preferably arrange within the crown of the hat four guides 1 but it is, of course, understood that any number of these guides can be used and therefore I do not wish to limit myself to the number of guides employed. These guides are composed of aluminum or any other suitable material which is bendable and comprises a loop portion through which is adapted to pass a band 2, which is formed of celluloid or a composition such as now employed in making celluloid collars.

The sweat band 2 is herein shown formed with a turned down edge 3 for holding the same at a slight angle so as to conform to the taper of the head, but it is, of course, understood that I do not wish to limit myself to the use of a sweat band having a turned down edge as I am aware that the construction of guides employed is such that a sweat band with both of its edges bent upon itself or a flat band can be used to accomplish the desired result.

The ends of the band 2 are overlapped as shown at 4 so as to allow the band to adjust itself to the requirements of the individual wearing the hat in which the band is installed and by overlapping the ends, the band is free to expand and contract to fit the head of the person.

In Figures 1 and 2 the guides 1 are shown formed of a flat strip of metal bent to form a loop 5 to receive the band, the end portions being bent in opposite directions parallel with the inner faces of the loop as shown at 6 and then outwardly as shown at 7, the upwardly extending portions forming spurs which are adapted to pass through suitable openings formed in the side wall of the crown of the hat and be bent back upon the crown as shown in Figure 1.

These spurs are shown with square ends but it is, of course, understood that they could be pointed so that they could be forced through the crown but I have found that by forming suitable slits in the crown, the spurs could be readily forced through the same without injuring the hat in any way. The spurs are prevented from showing when the hat is in use by the outer band as shown in Figure 1.

The portions 6 of the loops are spaced from the inner walls of the loop so that the

sweat band is held away from the inner face of the crown to form air passages between the loops in order to allow air to freely circulate between the sweat band and the crown of the hat so that the head of the person wearing the same will be prevented from perspiring as a circulation of air is obtained which will prevent baldness.

In Figures 3 and 4 the loops 8 forming the guides are formed substantially the same as shown in Figures 1 and 2 with the exception that the outwardly extending portions are omitted and the upwardly extending portions 9 are provided with openings in order to allow the same to be attached to a soft hat, such as a cap, as shown in Figure 3.

While I have shown and described an adjustable, detachable sweat band mounted in a series of guides carried by the crown of the hat, I do not wish to limit myself to the use of any particular material for forming the loops or any particular material for forming the sweat band as I am aware that various kinds of material can be used for constructing these features but I have found in practice that aluminum will form a loop which can be made cheaply and will not increase the weight of the hat to any extent.

I have also found that celluloid or the composition now employed for making celluloid collars can be employed for forming the sweat band so that the sweat band can be removed and washed or can be washed within the hat without removing the same. By constructing a hat in this particular manner with loops, the sweat band is attached to the hat without the use of fastening means of any kind, which enables a linen sweat band to be used when desired so that when soiled, it can be removed and washed in the ordinary manner.

From the foregoing description it will be seen that I have provided a sanitary, detachable sweat band for head coverings comprising a series of loops or guides carried by the hat in which is mounted a strip of material forming a hat band having its ends overlapped in order to allow it to expand and contract and to adjust itself to the head of the individual wearing the hat.

When a sweat band is used having a turned down edge, the band instead of being held vertical within the hat, is held at an angle so as to conform to the taper of the head of the wearer and as the guides are spaced from the crown of the hat, the sweat band is held spaced therefrom so as to allow air to circulate between the sweat band and hat which not only prevents the perspiration from the hat band from passing onto the crown of the hat and discoloring the same but allows air to circulate into the crown of the hat and also prevents the head of the person wearing the same from perspiring.

What I claim is:—

1. The combination with a hat, of a series of guides disposed within the crown of a hat comprising loop portions provided with U-shaped ends for spacing the loop portions away from the crown of the hat, said guides having means for attaching the same to the crown and a sweat band loosely mounted within said guides.

2. The combination with a hat, of a series of guides disposed within the crown of said hat, said guides comprising loop portions having U-shaped portions provided with means for attaching said guides to the hat and for spacing said guides from the crown thereof and a sweat band loosely mounted in said guides having overlapping ends.

3. The combination with a hat, of a series of guides disposed within the crown of a hat, each of said guides comprising a loop portion in which a sweat band is adapted to be loosely mounted, said loop portions having their ends bent in opposite directions to form U-shaped portions for spacing said loop portions from the crown of the hat and means for securing said ends to the inner face of the crown of the hat.

In testimony whereof I hereunto affix my signature.

WILLIAM HENRY SCHNEBEL.