J. M. POWERS.

HATBAND.

APPLICATION FILED MAY 14, 1919.

1,342,924. **Patented June 8, 1920.**

Fig. 1

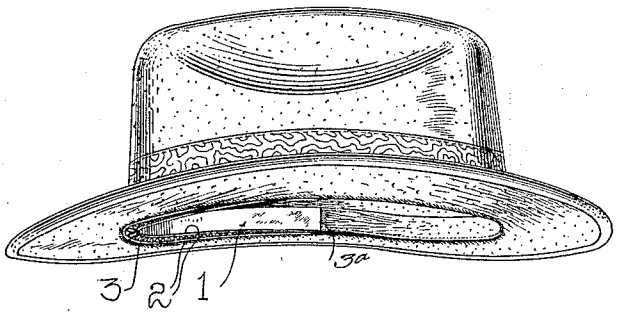


Fig. 2

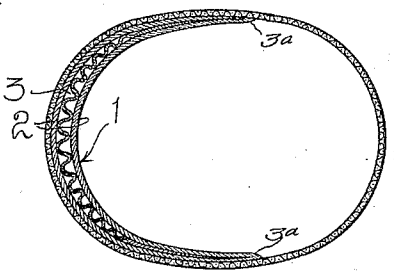


Fig. 3

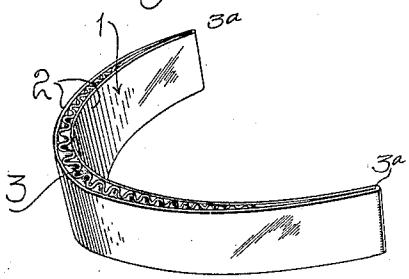


Fig. 4

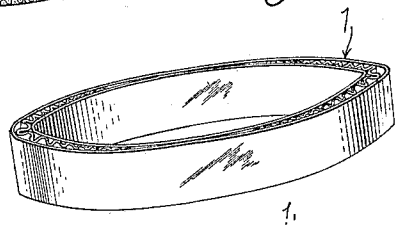
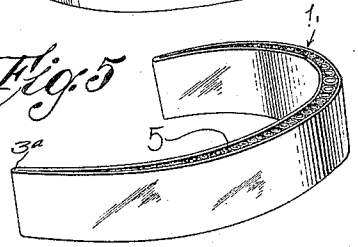


Fig. 5



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HATBAND.

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To all whom it may concern:

Be it known that I, JAMES M. POWERS, a citizen of the United States, residing at Miami, in the county of Dade and State of Florida, have invented certain new and useful Improvements in Hatbands, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to an inside hat band adapted to be placed on the inside of the hat over or under the old band, or entirely around the inside of the hat over or under the old band, or it may be substituted in place of the old band.

An object of the invention is to provide an inside hat band, which may be constructed of any suitable material, such as celluloid, cork, leather, papier mâché, metal, or other material, or combination of materials, said band being provided with means to permit a free passage of air to pass up through the band for cooling the head and preventing perspiration soiling the hat, and also to permit of a thorough ventilation to cool the head, thereby preventing the head from becoming overheated, which causes pain in the head and the eyes.

A further object of the invention is to provide an inside hat band of this general character, which may extend entirely around the inside of the hat or part way thereof, and comprises opposing parts of uniform length and width and suitably spaced apart by means of an undulated, fluted or crimped or intermediate piece, thereby causing to be formed a plurality of passages, to permit of the passage of air between the opposing pieces and into the crown of the hat, thereby ventilating the inside of the crown of the hat, and cooling the top of the head. It is obvious that tubular pieces, such as indicated in one of the views of the drawings may be interposed between the opposite pieces, to permit of a thorough circulation of air therethrough and into the crown of the hat.

A further object of the invention is to construct an inside hat band, whereby the opposing pieces of the band, when constructed to extend partially around the inside of the hat, converge toward each other at opposite points of the crown of the hat, so as to permit the head to properly engage the hat band and the hat without discomfort.

While the design and construction at present illustrated and set forth is deemed preferable, it is obvious that as a result of a reduction of the invention to a more practical form for commercial purposes, the invention may be susceptible to changes, and the right to these changes is claimed, provided they are comprehended within the scope of what is claimed.

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

In the drawings:

Figure 1 is a perspective view of a hat looking upwardly, showing the inside hat band applied thereto.

Fig. 2 is a sectional view in a horizontal plane through the hat.

Fig. 3 is an enlarged detail view of the inside hat band removed.

Fig. 4 is a detail view in perspective of an inside hat band, adapted to fit about the entire portion of the crown.

Fig. 5 is a perspective view of a hat band, to fit a half portion of the crown of the hat, and illustrating the modified construction.

Referring more especially to the drawings, 1 designates the hat band as a whole, and which comprises the opposing pieces 2. These pieces of the hat band may be constructed of any suitable material, such as previously stated, and are held spaced by means of an intermediate filler or spacing piece 3. This spacing piece or filler 3 may be constructed of any suitable material, preferably cork or the like, and this intermediate piece or filler is undulated in form, and it is to be noted that the undulations 4 gradually diminish or decrease in size toward the opposite ends of the intermediate piece or filler, that is when the inside hat band is constructed, to only fit one-half of the side of the crown of the hat. In fact, these undulations of the intermediate piece or filler finally become lost at the ends of the band, in which case the opposing pieces of the band converge toward each other, thereby providing an inside hat band which tapers toward its opposite ends, in order to fit neatly between the wall of the crown of the hat and the head and without discomfort to the head. By means of this undulated intermediate piece, it is to be noted, that passages are formed, through which a thor-

ough circulation of air may pass, in order to cool the top of the head, and thereby prevent perspiration, which would soil the hat, and also preventing the head from becoming overheated. As previously stated, the hat band may be worn between the old hat band and the hat, on the exterior of the old hat band, or may be substituted in place of the old hat band. Also as shown in the drawings, it is possible to construct a hat band of this kind to fit the entire part of the side wall of the crown. If the inside hat band be applied over or under the old hat band, it may be fastened in position by suitable stitches, or a special cement, or glue or other suitable fastening means. In one of the views of the drawings, it will be seen that the opposing pieces of the band are spaced, by a plurality of closely arranged tubular members 5. However, by this construction it is obvious that practically the same result is attained, as when using the undulated intermediate piece, namely, there are passages or spaces afforded, between the opposing pieces of the band, and through these spaces, and through the tubular members a thorough circulation of air is allowed to pass upwardly into the crown of the hat for ventilating the crown and the top of the head, thereby preventing perspiration. As shown clearly in Figs. 1, 2, 3 and 5, it will be noted that the hat band is constructed from a single piece of material. This material, as is obvious, before it is constructed to form the band, is substantially circular in form. To form the hat band, a certain portion of the material is positioned adjacent to but spaced from the corresponding diametrical opposite portion, and to accomplish this, certain other diametrical opposite portions are folded, as at 3^a. The portions which are positioned adjacent to but spaced from each other form the opposed parts of the hat band, and it will be noted that the space between the opposed parts is tapered. Furthermore, the filler or spacing piece 3, though it is provided with undulations, tapers toward its opposite ends, and as is shown in Fig. 2, the terminal portions of the filler or spacing piece terminate immediately adjacent the folds 3^a, thereby closing the space between the opposing parts of the band at the sides of the band. It will be observed that when a pair of bands such as shown in Figs. 3 and 5 or as shown in Fig. 3 are placed in the proper position in the hat as shown in Fig. 1 adjacent the forward and back portions of the head, a circulation of air may pass upwardly through the forward portion of the hat and pass outwardly at the rear of the hat, thereby thoroughly ventilating the space between the top of the head and the crown of the hat. This same result can be attained by the construction shown in Fig. 4, and in either case air is prevented from passing through the opposing parts of the band at the sides of the band. When two hat bands such as shown in Fig. 3 are used forwardly and rearwardly of the hat, it will be noted that a hat band is formed to extend entirely around the head which will perform the same function as performed by the construction of the hat band shown in Fig. 4.

The invention having been set forth, what is claimed as new and useful is:

1. In a hat band as set forth, the combination with a pair of opposing pieces of substantially equal length and arranged in conformity with each other and having their opposite end portions converging toward and in fixed contact with each other, of an intermediate spacing filler having undulations gradually diminishing in size toward the opposite ends of the filler, thereby providing a tapered filler to occupy the space between the opposing pieces and having their tapered ends extending toward the contacting opposite ends of the opposing pieces, said undulations extending vertically, thereby providing a plurality of vertical passages gradually diminishing from the center of the filler to the opposite ends of the band and through which air may circulate to ventilate the space between the top of the crown and the top of the head.

2. In an inside hat band as set forth to engage between the head and the hat, the combination with opposing pieces of equal length and arranged in conformity with each other and having their adjacent opposite ends integrally connected and being spaced to provide a filler receiving space tapering from the center of the band to the integrally connected ends of the opposing pieces, of a tapering filler arranged in said tapering space and provided with undulations gradually diminishing in size to gradually conform to the tapering space between the opposing pieces, said undulations extending vertically, thereby providing a plurality of vertical passages gradually diminishing from the center of the band and finally terminating at the ends of the filler, and through which air is adapted to circulate to ventilate the space between the top of the crown of the hat and the top of the head.

3. In an inside hat band as set forth constructed from a single piece of material folded upon itself at diametrically opposite portions, whereby certain other diametrically opposite portions may be arranged in opposed positions, thereby forming the opposed parts with a tapering space between the parts, tapering from the center of the band to the ends of the band where the

material is folded, a filler in said tapering space between the opposed parts, said filler having vertical passages gradually diminishing in size to fill the tapered ends of the space and through which passages air is adapted to pass to ventilate the space between the top of the crown and the top of the head, the terminals of the filler terminating at the ends of the band where the material is folded.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

JAMES M. POWERS.

Witnesses:
H. R. PRIDGEN,
J. W. WALLACE.