Aug. 20, 1929. I. KAPLAN 1,725,520

VENTILATED CAP

Filed May 19, 1926

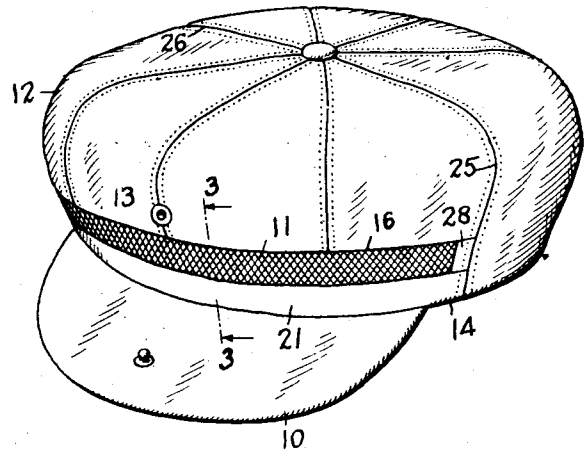


Fig. 1

Fig. 2

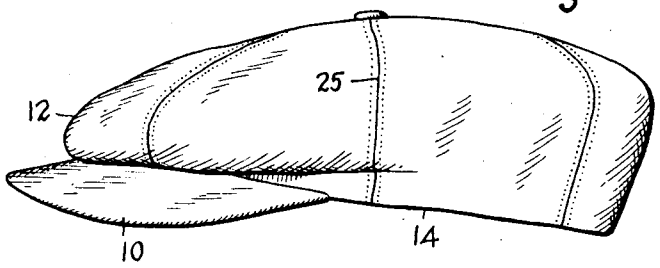


Fig. 3

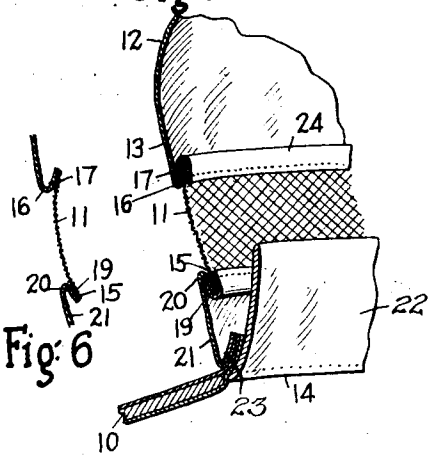


Fig. 6

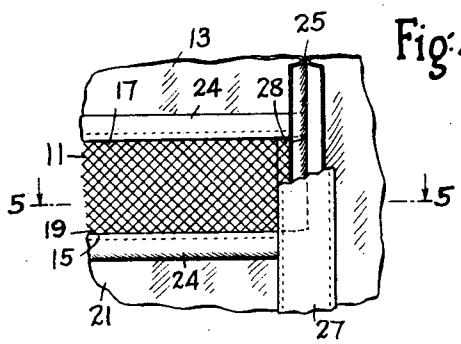


Fig. 4

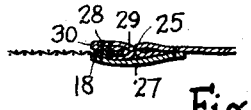


Fig. 5

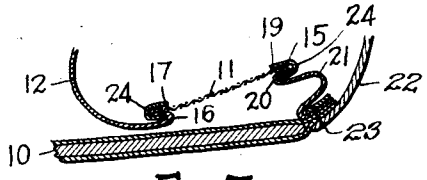


Fig. 7

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Patented Aug. 20, 1929. 1,725,520

UNITED STATES PATENT OFFICE.

ISIDOR KAPLAN, OF NEW YORK, N. Y.

VENTILATED CAP.

Application filed May 19, 1926. Serial No. 110,075.

This invention relates to ventilated caps, and particularly to that type wherein provision is made for the circulation of air between the interior of the cap and the outside for cooling the head of the wearer.

The various objects of my invention will be clear from the description which follows and from the drawings, in which,

Fig. 1 is a perspective view of my improved cap, the tip being shown extended to its uppermost position to show the ventilating screen.

Fig. 2 is a side view of the cap as it appears when in use.

Fig. 3 is a partial longitudinal section taken through a portion of the peak and through a portion the tip of the cap, on the line 3—3 of Fig. 1.

Fig. 4 is an elevation of a portion of the interior surface of the cap near one end of the ventilating screen.

Fig. 5 is a horizontal section of the same taken on the line 5—5 of Fig. 4.

Fig. 6 is a vertical cross section of the ventilating screen showing the appearance thereof before the edges of said screen have been finished with binding tape, and

Fig. 7 is a vertical section of the part of the tip and peak in the position thereof shown in Fig. 2.

In the preferred embodiment of my invention, an opening or space of substantially the same length as that of the peak is left in the front portion of the cap between the peak 10 thereof and the tip 12. In order to properly brace the cap so that the front portion and the tip cannot collapse and detract from the appearance of the cap when it is worn on the head, I prefer to cover the said opening with comparatively stiff bracing material designed to allow the ready passage of air therethrough.

As illustrated the material used for this purpose preferably takes the form of a screen 11 of comparatively soft fine wire which is seamed over the opening mentioned in a manner soon to be described. The front portion 13 between the peak 10 and the tip 12, it will be noted, is substantially conical in shape as is usual. Any insert therefore, which is arranged in said front as illustrated in Fig. 1 with the long edges thereof parallel to the lower edge 14 of the cap and the ends along elements of the cone should have an upper edge which is longer than the lower edge, as in the present instance. In order to save material, however, I prefer to cut the screen insert substantially rectangular in outline and then to stretch the upper edge thereof to the proper length when said insert is seamed into place. For purposes of economy and to attain the best results, I prefer to arrange the lower edge 15 of the screen insert so that said edge is parallel to the edge 14 of the cap as illustrated and above described.

The screen 11 is preferably inserted between the seams 25 and 26. In order, however, to conceal the tape 27, which is usually used on the inside of the cap to cover the seams from view through the ends of the screen, I prefer to use an additional end covering member 28 at each end of the screen. The rear edge 29 of one of said members is fastened in place by the seam 25, while the front edge 30 is turned under and seamed to front face of the end 18 of the screen. The width of the member 28 is sufficient to cover the tape 27 for the entire width thereof so that said tape cannot be seen through the screen.

The lower edge 16 of the tip 12 forms the top edge of the opening and is seamed to upper edge 17 of the screen, being seamed in the usual manner in which a piece of fabric is seamed to another. While the seaming of the upper edge 17 is being done, said edge is stretched sufficiently to lengthen the screen so that said screen entirely covers the opening which it is desired to conceal. The lower edge 19 of the screen is seamed to the upper edge 20 of the spacing member 21 as shown in Fig. 6. Said spacing member 21 serves several purposes. One of its functions is to connect the peak 10 with the screen member 11 and the sweat band 22 of the usual type as by means of the seam 23. Another function is to maintain the screen 11 in spaced relation to the peak 10 so that when the cap is worn on the head the various parts assume the position shown in the Fig. 7 wherein the screen is maintained substantially parallel to or at a slight angle to the peak 10 and above said peak. An air passage substantially triangular in cross section of which the upper side is the screen, and which is open at both ends is thereby provided between the peak 10 and the screen 11

through which air can readily pass from the exterior of the cap through said screen to the interior of the cap and air may also pass in the opposite direction from the interior of the cap through said screen and out to the atmosphere.

The weight of the screen tends to pull down the upper edge 20 of the spacing member, the remainder or lower part of which remains substantially upright and maintains the screen above the peak at all times. The member 21 therefor becomes folded or bent about a line just below the edge 20 when the cap is in use.

To prevent chafing or injury to the head of the wearer, the edges 17 and 19 of the screen are preferably finished and covered as by means of the binding material 24 covering both sides of the screen at said edges.

It will be understood that the structure shown and described as the preferred form of my invention may be varied in various ways within the scope of the appended claims and I do not intend therefore to limit myself to the specific construction illustrated.

I claim:

In a cap including a peak, a tip and side seams, a substantially rectangular wire screen having the long edges thereof substantially parallel to the rear edge of said peak arranged to cover an opening in the front of said cap above said peak, below said tip and between said side seams, the ends of the screen being inserted in the folds of the side seams, tape on the inner surface of the screen at each of said side seams covering the folds of the seam and the ends of the screen and a narrow covering member of the same material as said cap front covering said ends and said tape on the outside surface of the screen and seamed in said side seams.

Signed at New York city in the County of New York and State of New York this 18th day of May, A. D. 1926.

ISIDOR KAPLAN.