

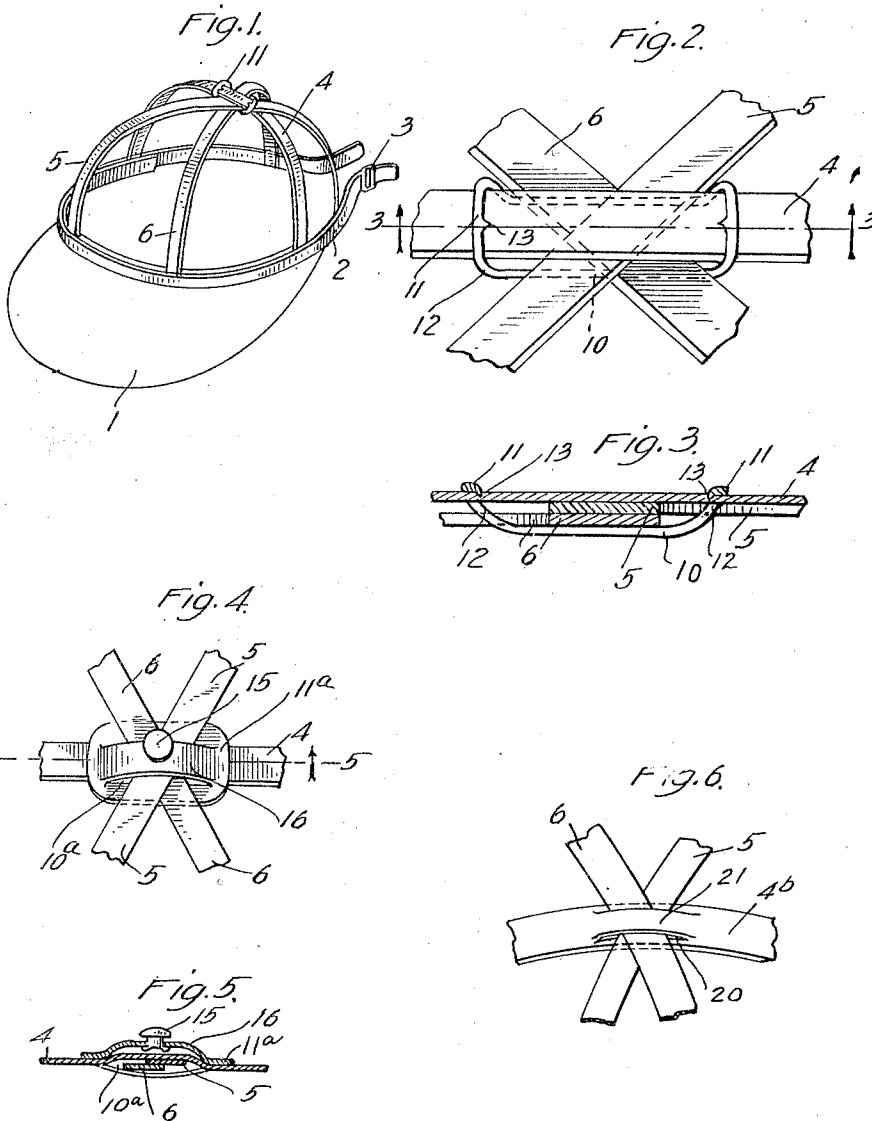
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HAIR HOLDING DEVICE

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HAIR-HOLDING DEVICE

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This invention is a device to be worn upon the head for holding the hair in place and also adapted to support a visor in position to form an eye shade; and it is the object of the invention to adapt the device for ready adjustment to snugly fit any head, and also provide for simplicity in construction so that an inexperienced operator may assemble the device without the possibility of a resulting misfit of the parts.

More particularly it is the object of the invention to combine a brow encircling band with a plurality of bands adapted to extend over the head and cross at a common point, so that the head bands fit snugly against the hair for holding it in place and also form a convenient means for supporting a visor which may be attached to the brow band; and the invention includes means for connecting the crossed head bands so that they are longitudinally adjustable relative to one another to form a skeleton cap structure adapted to readily conform to the contour of any head and providing for the desired centering of the point where the head bands cross without requiring particular care on the part of the operator during the process of manufacture.

In the drawings I have illustrated what I now believe to be the preferred form of the invention providing an adjustable connection between the crossed head bands; and I have also illustrated and described various modifications of the adjustable connection.

Fig. 1 is a perspective view of the preferred embodiment of the invention.

Fig. 2 is a fragmentary plan view of the same.

Fig. 3 is a vertical section on the line 3—3 of Fig. 2.

Fig. 4 is a fragmentary perspective view of a modified construction.

Fig. 5 is a vertical section on the line 5—5 of Fig. 4.

Fig. 6 is a fragmentary perspective view of a still further modification of the invention.

In its preferred form the invention embodies an eye shade and a hair holding means forming the support for the eye shade. The

eye shade 1, which may be of suitable material such as celluloid and of usual visor construction, is fixed at its upper edge to the front portion of a brow encircling band 2 which is adjustable to fit the brow by a suitable separable connection at its rear portion shown as a buckle 3.

Bands of suitable pliable material such as cloth are fixed at their ends to the brow band and extend over the top of the head and cross at a common point, thereby forming a skeleton cap structure holding the hair in place by an extremely light and freely ventilated construction which provides a support for the visor bearing against the top of the head instead of simply the brow. In the present instance the crossed bands are three in number, and extend transversely across the top of the head as shown at 4, and diagonally from front to rear of the head as shown at 5 and 6.

At their common crossing point the bands 4, 5 and 6 are connected so as to permit independent longitudinal shifting of the respective bands, and as a result the device will automatically adjust itself to the contour of the head, since for example, if the forehead is high and the rear part of the head is relatively flat, the bands 5 and 6 will adjust themselves by shifting forward relative to the transverse band 4 to provide the proper curve for fitting the head. In similar manner relative longitudinal adjustment of the respective bands will automatically fit the skeleton cap structure to any head.

Permitting relative adjustment of the crossed bands also simplifies the construction of the device, since the operator when sewing or otherwise securing the ends of the head bands to the brow band 2, need not take care that the crossed bands remain centered as they will automatically adjust themselves to proper relative position after they are connected to the brow band.

The means for connecting the crossed head bands so as to permit their relative longitudinal adjustment is shown in Figs. 1 to 3 as an elongated loop of metal or the like, having sides 10 and ends 11, and adapted to receive the bands 5—6 across the medial portion of the loop with the band 4 extending

lengthwise of the loop across the bands 5—6 and beneath the ends 11. The ends 11 may be upwardly offset a sufficient distance as shown at 12 to permit the band 4 lying flat when extending beneath the ends of the loops; and to prevent the possibility of complete separation of the crossed bands during the process of manufacture before their ends have been connected to the brow band, the ends 11 are preferably provided with slightly depending teeth 13 adapted to engage band 4 so as to prevent its accidental displacement and thereby also prevent accidental displacement of the bands 5—6 by the binding thereof between the retaining loop and the band 4. The teeth 13 however, are so arranged as to permit the band 4 being readily pulled past the same and the bands 5—6 being shifted relative to the band 4 for required longitudinal adjustment as a result of the device being fitted to the head.

In the modification of the invention shown in Figs. 4 and 5, the retaining means for the crossed head bands provides a support for an ornamental button 15; and for this purpose the retaining means comprises a plate longitudinally slotted adjacent opposite side edges to form sides 10^a connected by ends 11^a which have a supporting strip 16 between the same adapted for mounting of the ornamental button thereon. In this construction the bands 5—6 extend across the retaining plate at its underside and the band 4 extends lengthwise of the plate between it and the underside of the crossed bands 5—6.

A more simple modification is shown in Fig. 6 where the band 4^b which extends transversely across the top of the head is slotted at its medial portion adjacent each side edge as shown at 20, and the crossed bands 5—6 extend under the strip 21 which is formed between the slots 20.

By any of the retaining means as thus described, the crossed head bands are connected so as to maintain a skeleton cap form adapted to hold the hair in place and support visor 1; and the crossed bands are free for independent longitudinal adjustment relative to one another so that the skeleton cap structure will freely adjust itself to the exact contour of any head.

I claim:

A device of the character described comprising a brow band, a transverse head band having its ends connected to opposite sides of the brow band, a longitudinal head band crossing the transverse head band and having its ends connected to the forward and rear portions of the brow band, a loop having the crossed head bands resting thereon with the transverse band uppermost and extending under the loop, the portions of the loop under which the transverse band extends being upwardly offset to permit the transverse band as well as the longitudinal band lying flat,

and said offset portions of the loop having integrally formed depending teeth adapted to engage the transverse band so as to prevent accidental shifting thereof with relation to the longitudinal band while permitting intentional adjustment of said transverse band with relation to the longitudinal band limited only by the length of the transverse band, the said transverse band when extending under the loop binding the longitudinal band against accidental shifting with relation to the transverse band but permitting ready slipping of said binding engagement as a result of the transverse band lying flat, and thereby providing for automatic adjustment of the longitudinal band relative to the transverse band when the crossed head bands are pulled down upon the head so as to exert a pull upon the longitudinal band for conforming the crossed bands to the contour of the head, the said automatic adjustment of the longitudinal band with relation to the transverse band being limited only by the length of the longitudinal band.

In testimony whereof he has affixed his signature to this specification.

VOLNEY E. KIRK.