Sept. 15, 1959 G. L. GEIGER 2,904,052

ELASTIC HAT RETAINING DEVICE

Filed July 18, 1957

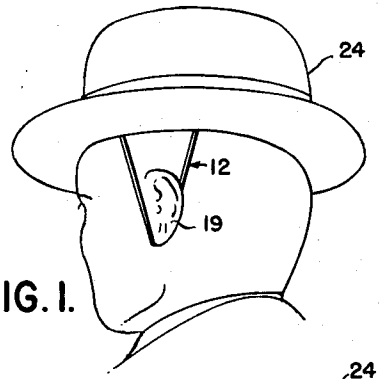


FIG. 1.

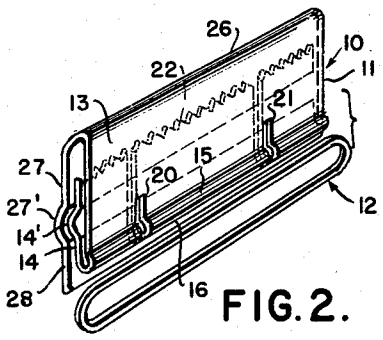


FIG. 2.

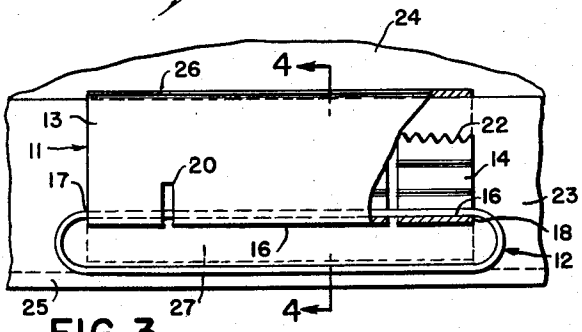


FIG. 3.

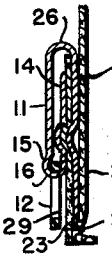


FIG. 4.

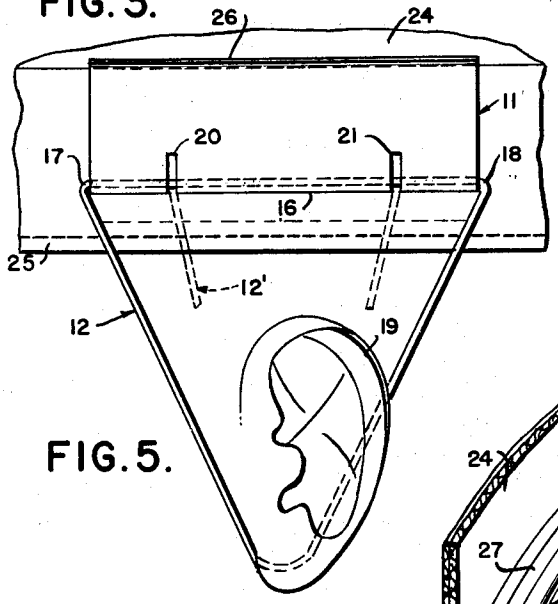


FIG. 5.

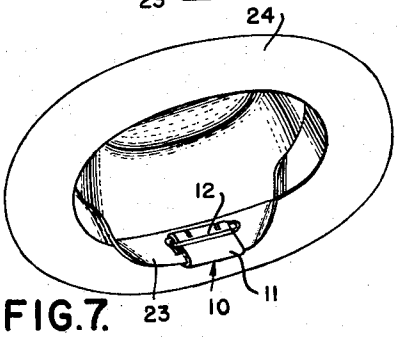


FIG. 7.

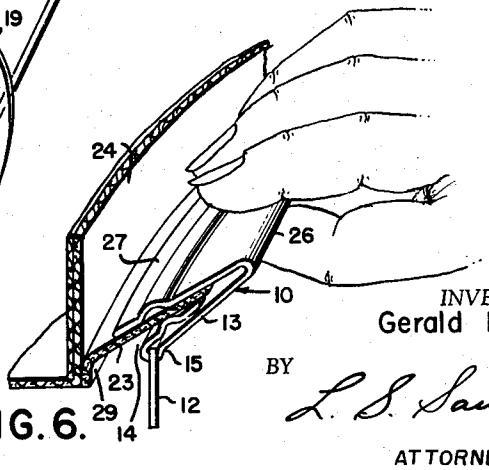


FIG. 6.

INVENTOR.
Gerald L. Geiger

BY L. S. Saulsbury

ATTORNEY

United States Patent Office 2,904,052 Patented Sept. 15, 1959

2,904,052

ELASTIC HAT RETAINING DEVICE

Gerald L. Geiger, Washington, D.C.

Application July 18, 1957, Serial No. 672,741

4 Claims. (Cl. 132—57)

This invention relates to a detachable elastic retaining device for men's hats.

It is the principal object of the present invention to provide a hat retaining device for use upon men's hats to prevent them from being accidentally blown off the head of the wearer during windy and stormy weather.

It is another object of the present invention to provide a hat retaining device that can be detachably attached to the sweat band of the hat by simply sliding the attaching pieces thereof over the edge of the sweat band, one device at each side of the hat, and the attaching piece carrying an elastic band that can be pulled down over the ear lobes to hold the hat in place upon the head.

It is another object of the invention to provide an elastic hat retaining device which has a sweat band attaching piece and an elastic band in which the attaching piece has sufficient length to extend downwardly over the inner face of the sweat band to the full depth thereof and so as to engage with the stitching that holds the sweat band within the hat thereby to support the attaching piece and the piece has an exterior side which is shorter than the interior side and to which an elastic band is attached and where the elastic when not in use will be normally held above the lower edge of the sweat band and within the hat so that quick and ready access can be had to the elastic band to pull it downwardly over ear when needed.

It is still another object of the invention to provide an elastic hat retaining device adapted to be connected to the sweat band of a hat in which the attaching piece can be reversed upon the sweat band to place the elastic band behind the sweat band when they are not needed for immediate use and to eliminate the interference with the normal use of the hat.

It is a further object of the invention to provide an elastic hat retaining device which can be simply formed as by folding of sheet plastic material, metal or the like by a continuous die process, cutting the pieces therefrom, and the elastic band assembled upon the attaching piece by a simple operation of forcing the elastic band into a through opening on the attaching piece so as to depend therefrom and to provide for a spacing of the elastic along the side of the sweat band and to provide for connection of the band to the hat forwardly and rearwardly of the ear and so that it can be held tightly thereover, and wherein if a different adjustment of the band upon the ear is desired to have the elastic band spaced less on the hat the elastic band can be inserted within parallel slits spaced inwardly from the opposite ends of the piece, and the band extended through only a portion of its opening in the attaching piece and perhaps afford a more comfortable connection of the elastic bands to the ear.

Other objects of the invention are to provide an elastic hat retaining device, having the above objects in mind, which is of simple construction, has a minimum number of parts, inexpensive to manufacture, suitable as a premium item, unharmful to the ear, adaptable for all size hats, of pleasing apparatus, effective and efficient in use.

For a better understanding of the invention, reference may be had to the following detailed description taken in connection with the accompanying drawing, in which

Figure 1 is an illustrative view showing the elastic band of the device pulled down from the hat and extended over the ear of the wearer,

Fig. 2 is a perspective and collective view of the sweat band attaching piece and of the elastic band,

Fig. 3 is a front face elevational view of one of the retaining devices mounted on the sweat band of a hat with the elastic band withdrawn into the hat,

Fig. 4 is a vertical sectional view taken on line 4—4 of Fig. 3,

Fig. 5 is an elevational view similar to Fig. 3 but with the elastic band stretched downwardly over an ear,

Fig. 6 is a fragmentary perspective view of a hat with illustration made as to the manner in which the hat retaining device is fastened to the sweat band of the hat, and

Fig. 7 is a perspective view looking into the opening in the bottom of a hat and showing the attaching piece placed on the sweat band so that the elastic band lies inside the sweat band and for the purpose of the device being stored.

Referring now to the figures, **10** represents generally the hat retaining device of the present invention that comprises only two parts, an attaching piece **11** and an elastic band **12**. The attaching piece **11** is formed preferably of resilient plastic sheet material that has a straight outer side portion **13** from the lower edge of which there extends inwardly and upwardly a clamp portion **14**. The lower edge of the outer side portion **13** is in the form of a bead **15** with the portion **14** extending upwardly from the inner side thereof. The bead **15** affords sufficient resiliency to the portion **14** to have clamping action against the outer face of the sweat band when the attaching piece is applied thereto. The elastic band is assembled upon the attaching piece **11** by extending it over the upper edge of the clamp portion **14** and drawing it down into a through opening **16**, afforded by the bead **15**. This opening **16** preferably is slightly less in diameter than the diameter of the elastic band **12** so that the elastic band cannot readily slip therethrough. If the elastic band is stretched to place it over the ear, it will be bent sufficiently over the ends of the bead as indicated at **17** and **18** in Fig. 3 so that it will be further held against slipping when applied to ear **19**.

If it is desired to adapt the band for use upon a smaller ear or to give possibly a better holding effect the band can be slid downwardly through one or both parallel slits **20** and **21** in the clamping portion **14** as illustrated with broken lines **12'** in Fig. 5. The upper edge of the clamp portion **14** has serrations **22** so as to better grip the face of sweat band **23** lying within a hat **24** and fixed to the bottom thereof by stitching **25**.

A bend **26** is provided on the portion **13** and extending therefrom is a rear clamp or clip portion **27** that is of a length such that its lower edge **27** when the attaching piece is extended over the sweat band **23** will reach the bottom of the band to rest upon the stitching **25** thereof so that the force of the stretched elastic band is transferred directly to the bottom of the hat. This rear portion **27** is resiliently biased to be urged inwardly against the inner face of the sweat band and toward spring clamp portion **14** so that the attaching piece will be tightly clamped to the sweat band and held against sliding movement thereupon. To afford a better gripping action of the attaching piece with the sweat band, the clamp portion **14** is indented at **14'** throughout its length to receive with the sweat band an indentation **27'** of the rear clamp portion **27** and which will draw the band material against the serrations **22** of the clamp portion **14** to further hold

the attaching piece against outward displacement from the sweat band.

When the hat retaining device is placed upon the sweat band with the edge **26** resting along the stitching **25** of the sweat band to the hat, the depending length of the front portion **13** is such that sufficient space **29** on the front of the hat band **23** is provided to accommodate the released and retracted elastic band **12** without the same appearing upon the head and below the bottom of the hat. When in this position the elastic band is made readily available to the wearer of the hat so that it can be quickly and easily reached when needed and to be pulled down over the ear.

At times when the retaining device is not needed the device can be better stored within the hat by reversing it so that the elastic band **12** will lie inside the sweat band **23** as best shown in Fig. 7. The attaching piece **11** may be applied to the sweat band for use in the manner illustrated in Fig. 6 and with the edge **28** of the portion **27** slightly flared it will slide readily over the inner face of the sweat band. The attaching piece **11** is preferably formed of sheet plastic material such that the bead **15** and the bend **26** will have sufficient resiliency to afford a clamping action of the clamp portions **14** and **27** upon the opposite faces of the sweat band. The attaching piece can be made by forcing a strip of the sheet material through a shaping die while heated in order that a permanent set can be given to the material. The outer faces of the portions **13** and **27** may bear advertising data. The attaching piece is light in weight and can be readily applied to and stored within the sweat band of the hat and may even have the function of better fitting the hat to the wearer.

With the holder being applied to each side of the sweat band the hat can be held upon the head in very windy and stormy weather or at least sufficiently retained from blowing off the head to give the wearer sufficient time to get his hand to the hat and prevent its complete removal from the head.

While various changes may be made in the detail construction, it shall be understood that such changes shall be within the spirit and scope of the present invention as defined by the appended claims.

What is claimed is:

1. A hat retaining device comprising a sweat band attaching piece having an outside portion with a bottom edge folded to provide a through opening and a clamp portion depending from the upper edge adapted to fit over the sweat band and extend downwardly over the inner face thereof, an elastic band extending through the opening in the lower edge of the attaching piece and depending therefrom, said elastic band being adapted to be stretched from the attaching piece when applied to the hat sweat band and downwardly over the ear lobe of the wearer, and an inner clamp portion extending upwardly from the bottom edge of the outside portion and having parallel slits that extend downwardly from its upper edge to the bottom of the outside portion through the bottom of which the elastic band can be slid to locate the elastic band within the opening throughout a short distance thereof whereby the elastic band can be adjusted for a different gripping action upon the ear of the wearer.

2. A hat retaining device comprising a sweat band attaching piece having an outside portion with a bottom edge folded to provide a through opening and a clamp portion depending from the upper edge adapted to fit over the sweat band and extend downwardly over the inner face thereof, an elastic band extending through the opening in the lower edge of the attaching piece and depending therefrom, said elastic band being adapted to be stretched from the attaching piece when applied to the hat sweat band and downwardly over the ear lobe of the wearer, and an inner clamp portion extending upwardly from the bottom edge of the outside portion and having parallel slits that extend downwardly from its upper edge to the bottom of the outside portion through the bottom of which the elastic band can be slid to locate the elastic band within the opening throughout a short distance thereof whereby the elastic band can be adjusted for a different gripping action upon the ear of the wearer, and said clamping portion having inner and outer clamp portions resiliently biased toward each other to provide a clamping action of the portions upon the opposite faces of the sweat band.

3. A hat retaining device comprising a sweat band attaching piece having an outside portion with a bottom edge folded to provide a through opening and a clamp portion depending from the upper edge adapted to fit over the sweat band and extend downwardly over the inner face thereof, an elastic band extending through the opening in the lower edge of the attaching piece and depending therefrom, said elastic band being adapted to be stretched from the attaching piece when applied to the hat sweat band and downwardly over the ear lobe of the wearer, and an inner clamp portion extending upwardly from the bottom edge of the outside portion and having parallel slits that extend downwardly from its upper edge to the bottom of the outside portion through the bottom of which the elastic band can be slid to locate the elastic band within the opening throughout a short distance thereof whereby the elastic band can be adjusted for a different gripping action upon the ear of the wearer, and said clamping portion having inner and outer clamp portions resiliently biased toward each other to provide a clamping action of the portions upon the opposite faces of the sweat band, said clamping portions having cooperating indentations to provide further gripping action upon the sweat band.

4. A hat retaining device comprising a sweat band attaching piece having an outside portion with a bottom edge folded to provide a through opening and a clamp portion depending from the upper edge adapted to fit over the sweat band and extend downwardly over the inner face thereof, an elastic band extending through the opening in the lower edge of the attaching piece and depending therefrom, said elastic band being adapted to be stretched from the attaching piece when applied to the hat sweat band and downwardly over the ear lobe of the wearer, and an inner clamp portion extending upwardly from the bottom edge of the outside portion and having parallel slits that extend downwardly from its upper edge to the bottom of the outside portion through the bottom of which the elastic band can be slid to locate the elastic band within the opening throughout a short distance thereof whereby the elastic band can be adjusted for a different gripping action upon the ear of the wearer, and said clamping portion having inner and outer clamp portions resiliently biased toward each other to provide a clamping action of the portions upon the opposite faces of the sweat band, said clamping portions having cooperating indentations to provide further gripping action upon the sweat band, and an upwardly extending clamping portion with serrations on the upper edge to engage with the face of the sweat band adjacent to the indentations and to provide further means to prevent the detachment of a holder piece from the sweat band as the hat is applied to the head.

References Cited in the file of this patent

UNITED STATES PATENTS

384,897	Drake	June 19, 1888
862,328	Figg	Aug. 6, 1907
1,005,591	Bower	Oct. 10, 1911
1,601,395	Ishiwata	Sept. 28, 1926
1,613,416	Smith	Jan. 4, 1927