April 9, 1968 K. M. ASHMORE 3,376,580

PAPER CAPS

Filed March 31, 1966 2 Sheets-Sheet 1

Fig. 1

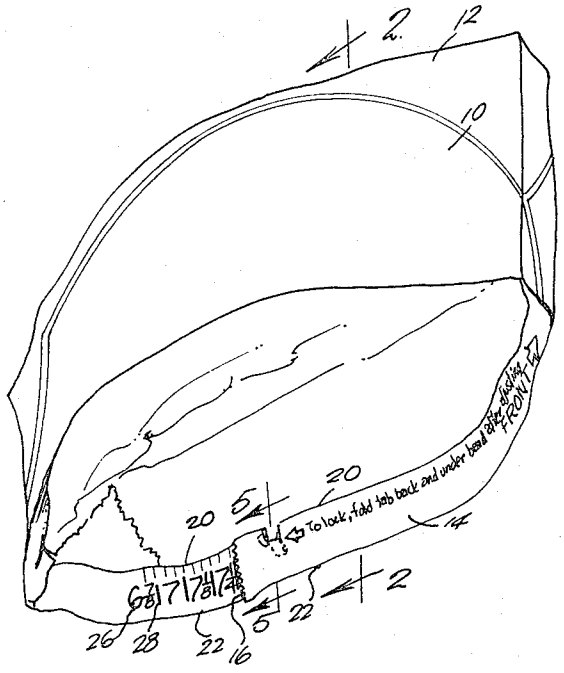


Fig. 2.

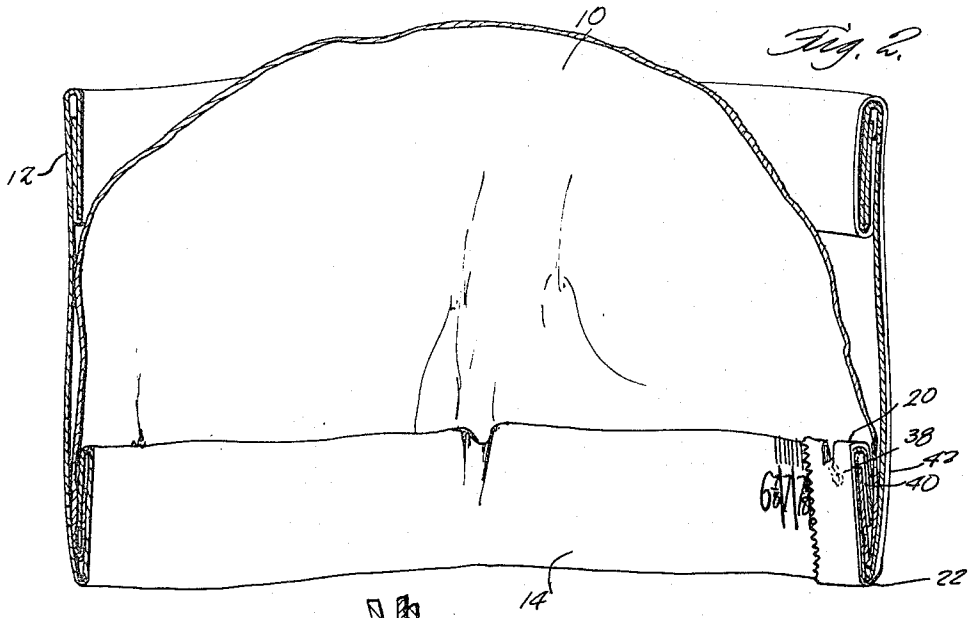
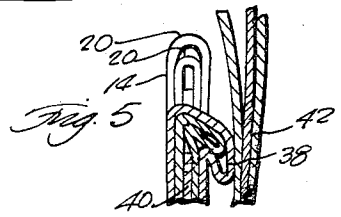


Fig. 5



INVENTOR.
KENNETH M. ASHMORE
BY
Victor J. Evans & Co.
ATTORNEYS

April 9, 1968 K. M. ASHMORE 3,376,580

PAPER CAPS

Filed March 31, 1966 2 Sheets-Sheet 2

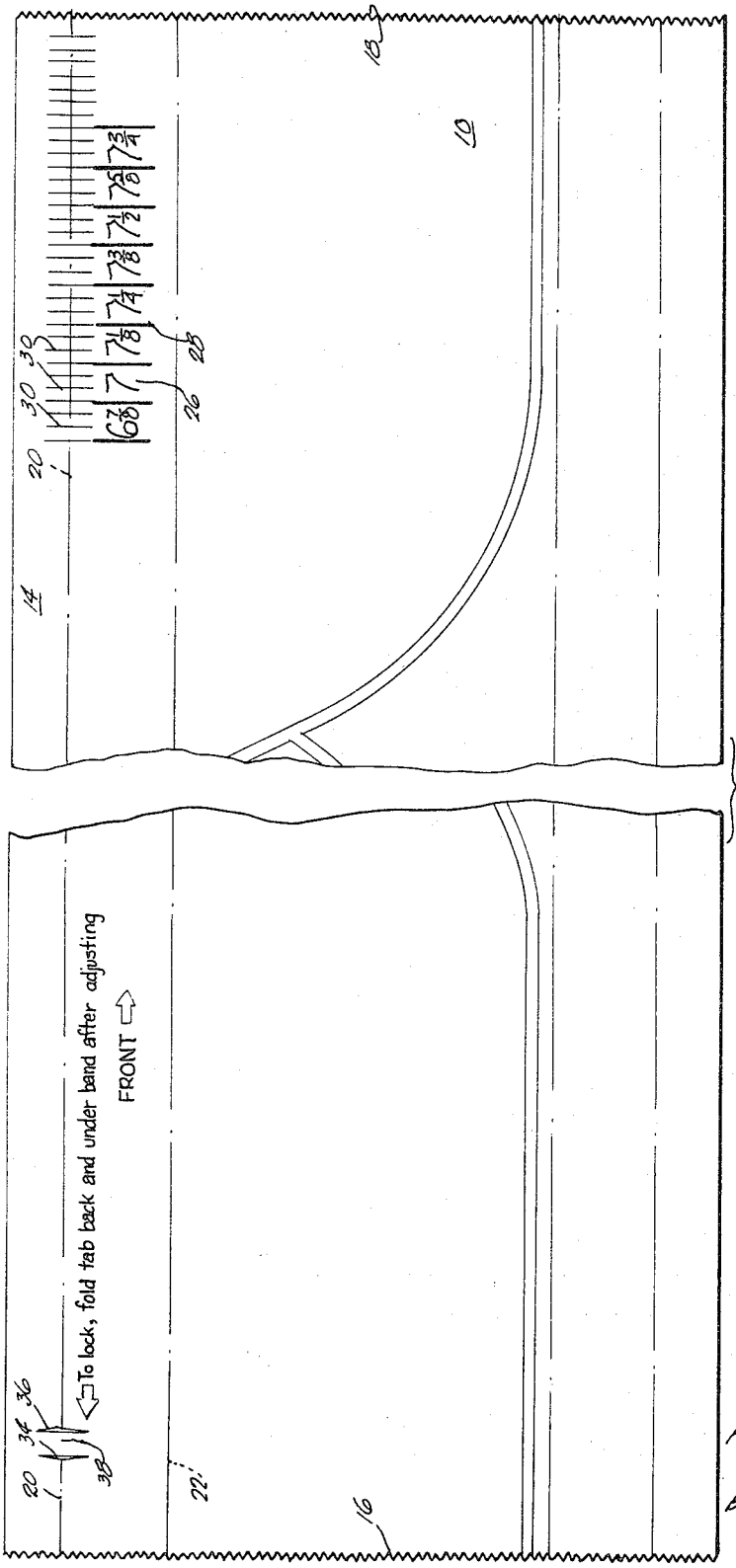


Fig. 3.

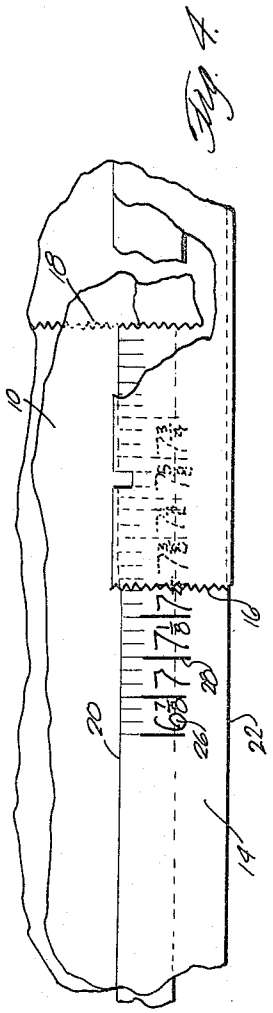


Fig. 4.

INVENTOR.
KENNETH M. ASHMORE

BY Victor J. Evans & Co.
ATTORNEYS

United States Patent Office

3,376,580

Patented Apr. 9, 1968

3,376,580

PAPER CAPS

Kenneth M. Ashmore, Rte. 4, Freeport, Ill. 61032

Filed Mar. 31, 1966, Ser. No. 539,048

1 Claim. (Cl. 2—197)

ABSTRACT OF THE DISCLOSURE

A paper cap having a locking tab on an adjustable headband in which the tab is formed by a pair of transverse cuts in at least one of the bands, an outer band being disposed to carry said transverse cuts, and a series of cuts for incremental sizes being disposed on a portion of an edge of the inner band, including a pair of cuts for cooperating with two of the series of incremental cuts being disposed on the outer band to form locking tabs.

The present invention relates to a paper cap having a locking tab on an adjustable headband, and more particularly the invention is directed to a paper cap having a crown supported by an adjustably disposed paper band in which there is a sliding engagement between the ends of the bands so that one is interior of the other, the inner one having a series of transverse cuts disposed adjacent the end of the outer band and in which there is, proximate to the end of the outer band and adapted to be cooperative with a pair of the cuts on the inner band, a pair of cuts that may be folded to cooperate with a pair of cuts on the inner band and thus form a locking tab.

While there are paper caps used in restaurants and in the food industry that are well known, they are found to have defective adjustments while they are worn, and are quickly discarded because there is slippage after a slight amount of wearing. Especially in damp conditions, prior art devices have their headbands characterized by slipping, and it is an object therefore of the present invention to provide a simple method, unobvious over the prior art, to overcome this and other defects.

An object of the present invention is to provide a series of cuts on an inner band and at least a pair of cuts adapted to engage at least two adjacent cuts disposed on the edge of the outer band and adapted to coalesce with two adjacently disposed transverse cuts on the inner band, so that after the band is adjusted, the tab formed by the two outer cuts in cooperation with a pair of cuts on the inner band will form a locking tab, and as it is folded under the headband, it is held in place by being placed on one's head.

It is an object of the present invention to provide an improvement over existing paper caps and headgear which provides a locking tab feature in the headband so that the prior art devices may be more particularly found to be useful.

A feature of the present invention is to provide a tab that lies behind the band and which goes next to the head when the tab is in locked position so that the pressure against the head flattens the band and retains the tab in locked position to maintain it in its folded relation.

The above and other objects and advantages of the invention will become apparent upon full consideration of the following detailed description and accompanying drawings in which:

FIGURE 1 is a lower front perspective view of a paper cap embodying the advantages and features of the present invention;

FIGURE 2 is a cross-sectional view taken along lines 2—2 of FIGURE 1;

FIGURE 3 is an enlarged projected and broken away view showing the length of the paper band, particularly the salient features that are disposed at the ends thereof;

FIGURE 4 is a broken away view showing the manner in which the ends of the elongated paper band are assembled together by folding the peripheral edges of the paper band, as shown; and

FIGURE 5 shows a cross-sectional view taken along lines 5—5 through the locking tab of FIGURE 1.

Referring now to the drawings, there is shown a paper cap **10** having and including a crown **12** having its periphery supported throughout by an adjustably provided headband **14**. The headband forms a brim throughout the opening edge of the paper cap, and it is seen that the headband is essentially an elongated length of paper having ends **16**, **18**, as shown in FIG. 3 and FIG. 4, and there are provided reinforcing or strengthening folded sections formed by folds **20**, **22**, respectively.

The brim, therefore, is seen consisting of the elongated length of paper band **14** arranged to return upon itself so that the ends **16**, **18** are arranged as shown in FIG. 4, and in which upper and lower edges **20**, **22**, respectively, as further shown in FIGS. 3 and 4 and FIG. 1, are adapted to provide stiff folds to give strength, character and form to the brim forming the paper cap. Of course, the crown **12**, as described above, is supported from the brim of the paper cap. As is shown in FIGS. 1–4, there are a series of indicia and indicia markings **26**, **28**, on the band proximate to edge **18** that are indicative of the band size when the end or edge **16** is measured off in cooperative relation therewith as shown in FIG. 1. There is also provided a plurality of cuts **30**, **30**, **30** proximate and in alignment with the indicia **26**, **28**, or spatially related thereto, as is shown in FIG. 3, so that these series of cuts **30**, **30** are set out for a given length along the fold **20**. Further, there is provided at the end of the band along fold **20** proximate to the edge **16**, a pair of cuts **34**, **36** adapted to cooperate with at least two of the cuts **30**, **30**, when the cuts **34**, **36** are congruous or coalesce with one of a set of cuts **30**, **30**. When this is achieved and the band **14** is adjusted to a given size or length as desired, then the portion of paper **38** is folded away and downwardly between the cuts **34**, **36** to form a locking tab, and it is held in place when the paper cap is placed upon one's head. While the paper cap is being worn, the locking tab **38** is maintained in its folded condition downwardly and between composite sections **40**, **42**, as seen in FIG. 2, and the purpose of the locking tab is maintained in place without being capable of slippage or any undesired adjustment of the headband.

It is within the scope of the invention to provide a resin or paraffin used throughout the sweat band **14** to aid in securing the lock tab **38** in place.

The tab **38** may be formed by cuts **34**, **36** incident to a cutting operation formed by a die making the slots **34**, **36**.

Additional embodiments of the invention in this specification will occur to others and therefore it is intended that the scope of the invention be limited only by the appended claim and not by the embodiments described hereinabove. Accordingly, reference should be made to the following claim in determining the full scope of the invention.

What is claimed is:

1. A paper cap comprising a brim and a crown portion secured thereto, said brim being an elongated band having upper and lower marginally folded portions and telescoped end portions, one of said telescoping end portions having a series of spaced transverse cuts formed marginally in the fold of the upper folded portion and including

size indicia thereon, the other of said telescoping end portions having a pair of spaced transverse cuts formed in the fold of the upper folded portion, the spacing of said pair of transverse cuts being equal to the spacing of any two adjacent cuts of said series of spaced transverse cuts, said pair of spaced transverse cuts and any two adjacent spaced transverse cuts of said series being placed in alignment when adjusting the elongated band with the aligned cuts defining a bendable locking tab therebetween.

References Cited

UNITED STATES PATENTS

1,926,359	9/1933	Anthony	24—17.1
2,685,090	8/1954	Wagenfeld	2—197
2,856,608	10/1958	Wagenfeld	2—197

JORDAN FRANKLIN, *Primary Examiner.*

G. H. KRIZMANICH, *Assistant Examiner.*