Feb. 8, 1955 E. BERG 2,701,367

WORKERS' CAP

Filed Oct. 29, 1952

Fig-1

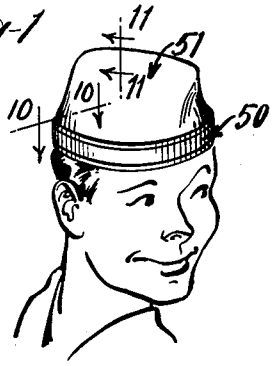


Fig-2

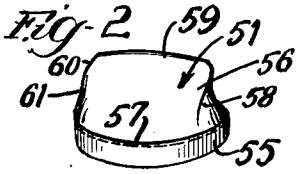


Fig-3

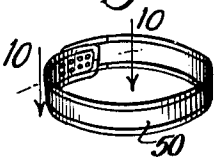


Fig-5

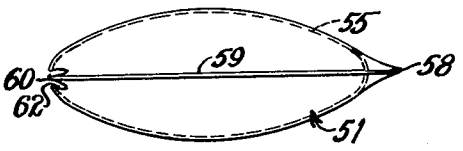


Fig-4

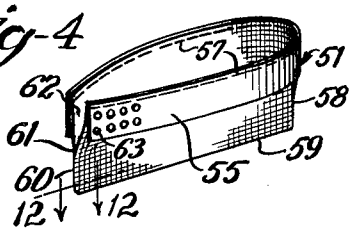


Fig.11



Fig.12

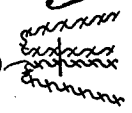


Fig-6

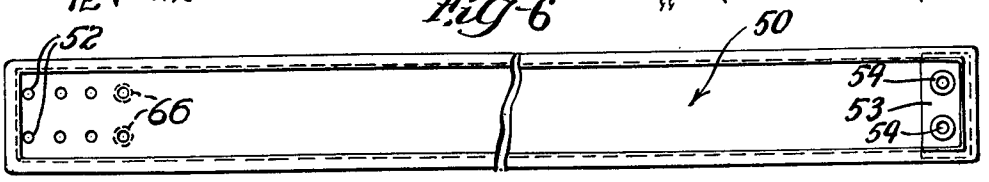


Fig-7

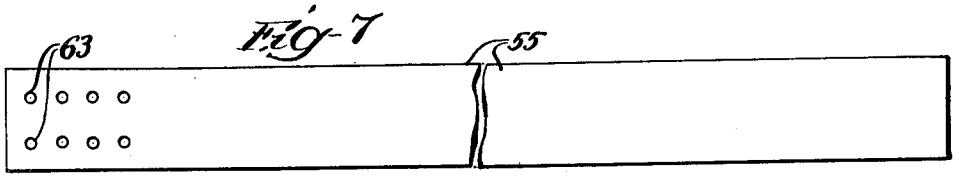


Fig-8

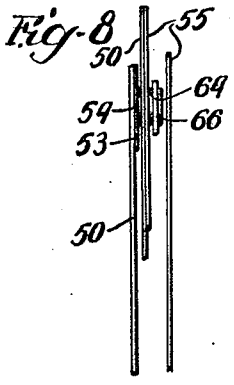


Fig-9

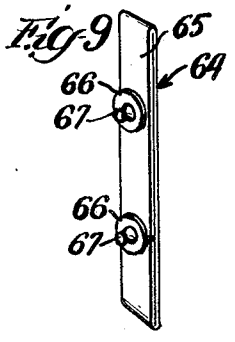
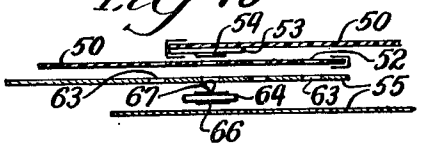


Fig-10



INVENTOR.

Elaine Berg

BY

Robert H. Smith

Atty.

United States Patent Office 2,701,367 Patented Feb. 8, 1955

2,701,367

WORKER'S CAP

Elaine Berg, Chicago, Ill.

Application October 29, 1952, Serial No. 317,523

3 Claims. (Cl. 2—197)

The present invention relates to workers' caps, and is particularly concerned with caps of the type worn by chefs or soda fountain workers.

One of the objects of the invention is the provision of improved caps and the like which may be manufactured without the necessity for employing skilled labor.

Another object of the invention is the provision of an improved cap, including a foundation band of smooth, shiny white sheet plastic which may be cleaned and placed in a new and sanitary condition by washing it with soap and water, and including a top covering or crown which may be laundered in the usual way.

Another object of the invention is the provision of an improved cap which is adjustable in size so that one form of cap may be used for all of the different head sizes, thereby reducing the amount of stock in caps that must be kept on hand.

Another object of the invention is the provision of an improved cap, having a launderable top and a plastic foundation band, the top being detachable from the band so that it may be laundered and replaced at any time; and the top itself, including a band which serves as a sweat band, is a part of the replaceable member.

Another object of the invention is the provision of an improved construction for caps for soda fountain workers, including a detachable top, which is adjustable in size, and a foundation band of smooth, shiny plastic that can be cleaned very easily and used over and over again with the replaceable tops.

Another object of the invention is the provision of improved caps for soda fountain workers which are simple in construction, adjustable in band size, durable, and capable of being used for a long period of time by virtue of the fact that the top is detachable and replaceable.

Other objects and advantages of the invention will be apparent from the following description and the accompanying drawings, in which similar characters of reference indicate similar parts throughout the several views.

Referring to the one sheet of drawings accompanying this specification,

Fig. 1 is a view in perspective of a soda fountain worker wearing a cap embodying the invention;

Fig. 2 is a view in perspective of the top employed for the soda fountain worker's cap;

Fig. 3 is a similar view of the foundation band;

Fig. 4 is a view in perspective of the cap top shown inverted to expose the adjustable size feature;

Fig. 5 is a top plan view of the cap top, showing its structure;

Fig. 6 is a plan view of the foundation band, seen from the inside, when laid out in a flat condition;

Fig. 7 is a plan view of the cardboard sheet pattern for the base band of the cap top;

Fig. 8 is a diagrammatic view showing the mode of fastening the ends of the foundation band and cap top together;

Fig. 9 is a view in perspective of a snap fastener unit which may be employed;

Fig. 10 is a fragmentary sectional view taken on the plane of the line **10—10** of Fig. 3 through the back of the cap, showing the various layers of the cap, which overlap each other to adjust the size and to secure the parts together.

Fig. 11 is a fragmentary sectional view of the top covering, taken on the plane of the line **11—11** of Fig. 1;

Fig. 12 is a fragmentary sectional view, taken on the plane of the line **12—12** of Fig. 4, looking in the direction of the arrows.

Referring to Figs. 1–3, the cap embodying the invention is indicated in its entirety by the numeral **51**; and it preferably includes a sheet plastic foundation band **50** and a top covering **56**. The foundation band is preferably made out of a rectangular piece of smooth, shiny sheet plastic having sufficient stiffness to maintain a substantially cylindrical shape when its two ends are secured together.

Various types of plastics may be employed; but they are preferably heat resistive so that they are definitely not inflammable. Among those that may be employed are vinylchloride acetate resins, vinyl chloride resins, vinylidene chloride resins, vinyl butyral resins, vinyl alcohol resin, methyl methacrylate, polystyrene, polyethylene, cellulose acetate, and cellulose acetate butyrate.

All of the foregoing have a very slow burning rate, are neutral in characteristics, and resistive to acids and alkalies, and may be provided in shiny sheet form of white or colors in such manner that dirt does not penetrate, and may be readily washed off with soap and water.

Referring to Figs. 1–12, these are views showing an improved construction for caps for soda fountain workers. In this case the cap includes a foundation band **50** of the smooth, shiny plastic, which may be white or may take different colors.

The top **51** resembles in shape the overseas hat used by the military, and may be made of paper or a closely woven mesh fabric which is stiff and white and maintains its shape. The foundation band **50** may be substantially the same in structure as that employed for the chef's cap and indicated at **21**; but it may be narrow in width, having only two snap fasteners in a row and two apertures **52** in each row for securing the ends of the foundation band together.

At the other end of the foundation band **50** a double layer of buckram tape **53** is provided, this buckram tape being relatively stiff and strong and being of the same length as the width of the foundation band **50** so that it may be arranged under the binding tape where it may be secured by the same line of stitching that secures the binding tape. The buckram strip **53** carries a plurality of female snap fastener openings **54** and is arranged to register with the rows of apertures **52** by being equally spaced.

The bottom or sweat band **55** of the top covering **51** may comprise a strip of cardboard of a soft, thick, bendable nature adapted to absorb perspiration and to support the fabric top **56**, which has its raw edge turned under and stitched to the cardboard with a single line of stitching at **57**.

The fabric top **56** is formed of a rectangular strip of fabric folded upon itself at the front edge **58** of the cap top and stitched together with the edges turned in along the top edge **59**. It is also stitched together along the rear edge **60** to the point **61** midway between the upper and lower edges, leaving a gap at **62** between the edges of the fabric and a gap between the ends of the cardboard band **55**.

The cardboard band **55** may be provided with a plurality of pairs of through apertures **63** arranged to register with the snap fasteners **54** on the foundation band **50**. In order to secure the parts of the cap together a snap fastener unit **64** may be employed or male snap fasteners may be used.

Snap fastener unit **64** comprises a strip of tape **65** doubled back upon itself and provided with a pair of male snap fasteners **66**. The male snap fasteners **66** have elongated nibs **67** sufficient to pass through the apertures **63** in the cardboard and **52** in the plastic, when engaged with the female snap fasteners **54**.

Referring to Fig. 10, the parts of the cap are secured together by placing the apertures **52** in the foundation band **50** in registry with the apertures **63** in the cap top or sweat band **55**, and bringing these apertures into registry with the female snap fasteners **54**, and then passing the nibs **67** of the male snap fasteners **66** through selected

sets of apertures **52**, **63** to engage the female snap fasteners **54**.

As the size of the cap is made smaller than the maximum, the ends of the cardboard band **57** of the top overlap each other inside the plastic band **50**, as shown in Fig. 10.

The top of the soda fountain worker's hat may be thrown away when it has become dirty or unsanitary or worn, and it may be replaced as often as necessary, while the foundation band may be cleaned by using soap and water or a cloth with kerosene.

The present caps may be adjusted to any desired size.

It will thus be observed that I have invented soda fountain workers' caps, which have the features of a readily cleanable plastic band and a replaceable top secured together by means of snap fasteners and adjustable in size so that only one size need be kept in stock; and the foundation band may be used over and over again with newly laundered or new tops.

My workers' caps are simple in construction and may be manufactured very cheaply though they present a very attractive appearance; and they confine the hair underneath the cap and give the user an efficient and sanitary head dress.

While I have illustrated a preferred embodiment of my invention, many modifications may be made without departing from the spirit of the invention, and I do not wish to be limited to the precise details of construction set forth, but desire to avail myself of all changes within the scope of the appended claims.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent of the United States, is:

1. A worker's cap comprising a foundation band of smooth, shiny sheet plastic which is flexible but sufficiently stiff to maintain a curved head shape, said band having a pair of spaced transversely aligned fastening openings at one end and a plurality of pairs of apertures similarly spaced at the other end, any two of which may register with the pair of openings, and a top covering unit comprising a rectangular top strip of material and a lower sweat band of absorptive material substantially coextensive therewith in length and secured thereto along one edge so as to depend therefrom, said sweat band and said strip being folded back upon themselves to form a U bend at the front, the corresponding edge portions of the top strip being stitched together along the top and down part of the rear edges, the lower part of the rear edges being left open for size adjustment by overlapping, said sweat band having a plurality of pairs of apertures at one end, said foundation band overlapping said sweat band and the pairs of apertures in the foundation band being in registry with the pairs of apertures in the sweat band, and fastening means passing through one pair of aligned apertures in the sweat band and foundation band and into the fastening openings in the other end of the foundation band, the ends of the sweat band being adapted to overlap inside the foundation band.

2. A worker's cap as set forth in claim 1 further characterized in that said fastening means are snap fasteners and said sweat band comprises a strip of absorptive cardboard.

3. A worker's cap as set forth in claim 2 further characterized in that said rectangular top strip comprises white paper, and the top covering unit being expendable and the foundation band being readily cleaned.

References Cited in the file of this patent

UNITED STATES PATENTS

1,411,509	Peters	Apr. 4, 1922
1,581,750	Mantilla	Apr. 20, 1926
1,599,978	Sutton	Sept. 14, 1926
2,051,084	Hertz	Aug. 18, 1936
2,160,513	Pasternak	May 30, 1939