

Feb. 28, 1939.

B. NICHTHAUSER

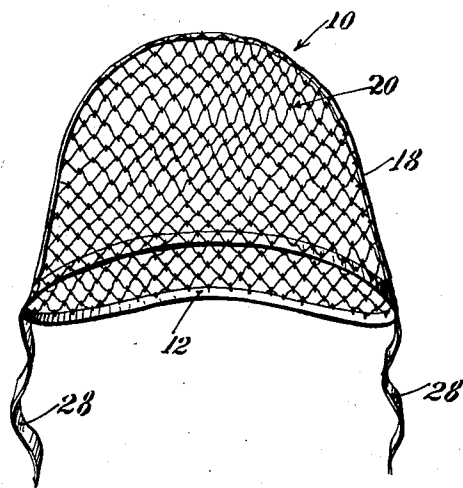
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HAIR DRESSING CAP

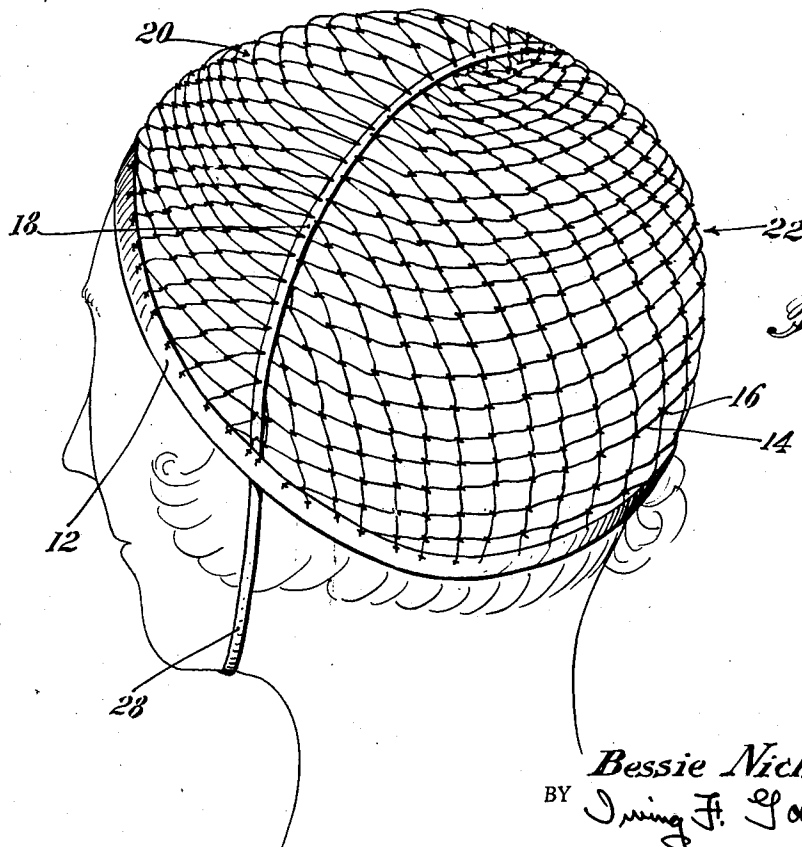
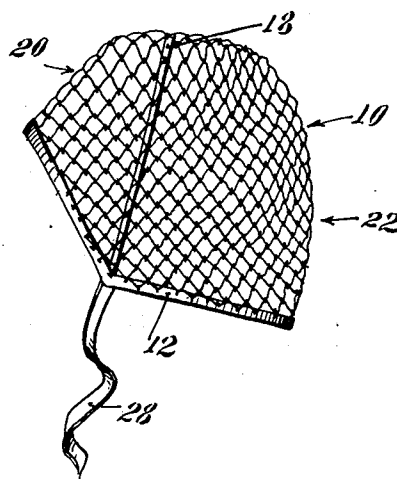
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2 Sheets-Sheet 1

*Fig. 1.*



*Fig. 2.*



*Fig. 3.*

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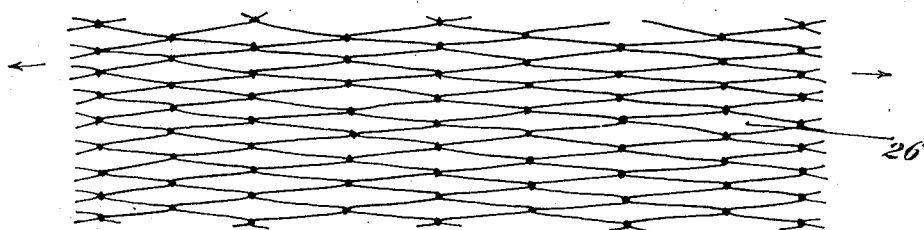
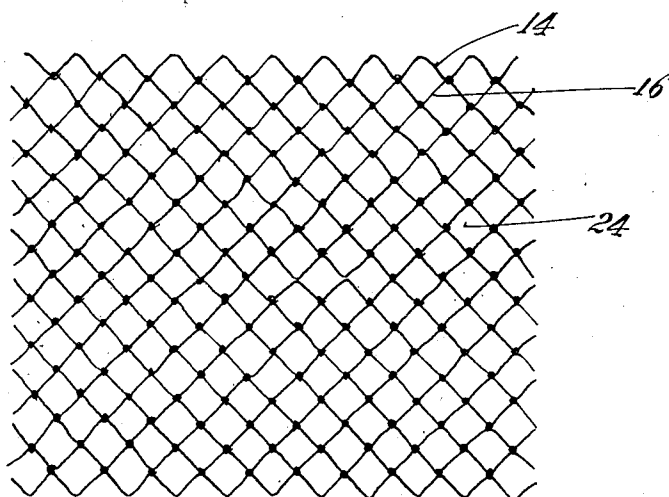
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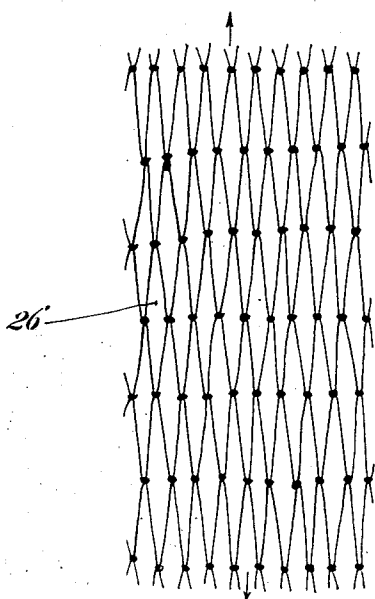
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*Fig. 4.*



*Fig. 5.*



*Fig. 6*

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## UNITED STATES PATENT OFFICE

2,148,771

## HAIRDRESSING CAP

Bessie Nichthauser, New York, N. Y.

Application April 21, 1937, Serial No. 138,069

4 Claims. (Cl. 132-49)

This invention relates to a cap and more particularly to a cap in the nature of a hair net.

My invention contemplates the provision of a cap in the nature of a hair net which may be arranged on the head of the wearer to infold the hair and thereby retain the coiffure thereof in proper arrangement and fixation.

My invention further contemplates the provision of such a cap which may be worn while sleeping, dressing, disrobing, or while engaged in varied other activities such as games or sports or other physical activities generally and which cap will be extremely comfortable for wear while preventing accidental disarrangement of the coiffure or hair adornment.

Heretofore, hair caps of the net or mesh type have comprised inelastic strands or threads formed with real hair, silk or other such material which, because of their inelasticity, did not serve to properly retain the coiffure in the arrangement in which it has been set.

Caps of this type heretofore used and which were flexible comprised rubber strips which are impermeable to moisture and air and are therefore uncomfortable to wear particularly when engaged in any physical activity. In addition, since such caps were not adapted to stretch in any and all directions, they were not adjustable to conform to the configuration of the coiffure or hair adornment.

My invention, therefore, contemplates the provision of a cap comprising elastic threads interlaced and secured together in the form of a net to thereby provide a cap through which air and moisture may circulate and which is, therefore, extremely comfortable to wear.

My invention further contemplates the provision of such a net which is adapted to stretch in any and all directions so that it will uniformly adjust itself to the configuration of the coiffure or setting of the hair to thereby retain it in its original arrangement or setting.

Other objects of my invention will be clear from the description which follows and from the drawings in which

Fig. 1 is a front elevation of a cap embodying my invention.

Fig. 2 is a side elevation of Fig. 1.

Fig. 3 is a perspective rear view showing the cap applied to the head of a person.

Fig. 4 is a plan view of the netting comprising the body of the cap and in normal unstretched position.

Fig. 5 is a plan view of the netting comprising

the body of the cap and stretched in a lateral direction.

Fig. 6 is a plan view of the netting comprising the body of the cap and stretched in a longitudinal direction.

Referring now to the drawings, the elastic netting 10 is secured throughout its border to the elastic band 12, forming a selvage which when the cap is arranged on the wearer contracts under the elastic tension thereof to grasp the head thereabout and thereby completely incloses the hair in the cap.

The netting 10 comprises the elastic warp yarns or threads 14 which interlace the woof threads 16 and which are secured successively thereto in any suitable manner as by stitching.

In order to permit the cap to more readily adjust itself and conform to the head of the wearer, I prefer to arrange the elastic strip 18 reaching across the cap and secured to the netting and at each side thereof to the border band or selvage 12 to thereby divide the cap into a front section 20 and a rear section 22.

I prefer to construct the front section of shorter circumference from the strip 18 to the border band or selvage 12 than that of the rear section so that the border band or selvage will be arranged on the forehead of the wearer and adjacent the nape of the neck of the wearer to thereby conform substantially to the shape of a feminine head.

Such construction arranges the front section of the border band or selvage extending an angle upwardly from the border band of the rear section.

It will be apparent that a cap is thereby provided which will completely inclose the hair of the wearer and which is adapted to be arranged in conformity to the head of the wearer.

If desired, chin straps 28 may be secured to the border band at each side of the cap which may be tied under the chin of the wearer to thereby assist in comfortably retaining the cap securely on the head of the wearer.

In order to prevent disarrangement of the coiffure and to permit the cap to snugly adjust and conform itself thereto, I have provided a netting which will stretch in any and all directions.

By interlacing the elastic yarns or threads preferably equidistant each from the other, I have provided an elastic netting which has substantially square interstices 24 which are preferably comparatively large (see Figure 4).

It will be apparent that upon applying a ten-

sioning force to the netting in a lateral direction, the warp and woof yarns or threads will be stretched between the intersecting nodes 26, whereat the yarns or threads are secured to each other, in the direction of application of the force, the same interstices assuming substantially elongated parallelogrammic form (see Figure 5).

Similarly, upon applying a tensioning force in a longitudinal direction, the warp and woof yarns or threads will be stretched between the intersecting nodes 26 in the longitudinal direction of application of the force (see Figure 6).

It will be apparent, therefore, that the netting will stretch similarly in any direction dependent upon the direction of application of tension thereto, and the netting will, therefore, arrange and adjust itself to conform to whatever configuration the coiffure has assumed.

It will be apparent that I have provided a meshlike hair cap which is permeable to air and moisture and, therefore, extremely comfortable to wear and which will prevent disarrangement of the coiffure of the wearer.

It will be apparent that my novel cap will adjust itself to the configuration of the coiffure of the wearer and retain it in its original arrangement.

I claim:

1. A cap comprising an elastic net adapted to stretch in any direction, an elastic border secured

to the net at the edges thereof to provide an elastic selvage and an elastic strip extending across the netting and secured thereto and to the border at each side of the cap to form front and rear sections of the cap.

2. In a cap, a net comprising a plurality of elastic warp threads, a plurality of elastic woof threads interlacing the warp threads and successively secured thereto to form a substantially cap-shaped member and a band secured to the threads at the ends thereof.

3. In a cap, a plurality of elastic threads interlaced and secured to each other to form a substantially cap-shaped net adapted to stretch in any direction, a band secured to the net around the border thereof to form a selvage and an elastic strip extending transversely across the cap and secured to the netting and to the band to form front and rear cap sections.

4. In a cap, a plurality of elastic threads interlaced and secured to each other to form a substantially cap-shaped net adapted to stretch in any direction, an elastic band secured to the net around the border thereof to form an elastic selvage and an elastic strip extending transversely across the cap and secured to the netting and to the band to form front and rear cap sections.

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