

June 10, 1941.

A. D. GOLDSTEIN

2,244,835

TEXTILE MATERIAL

Filed May 18, 1939

FIG. 1.

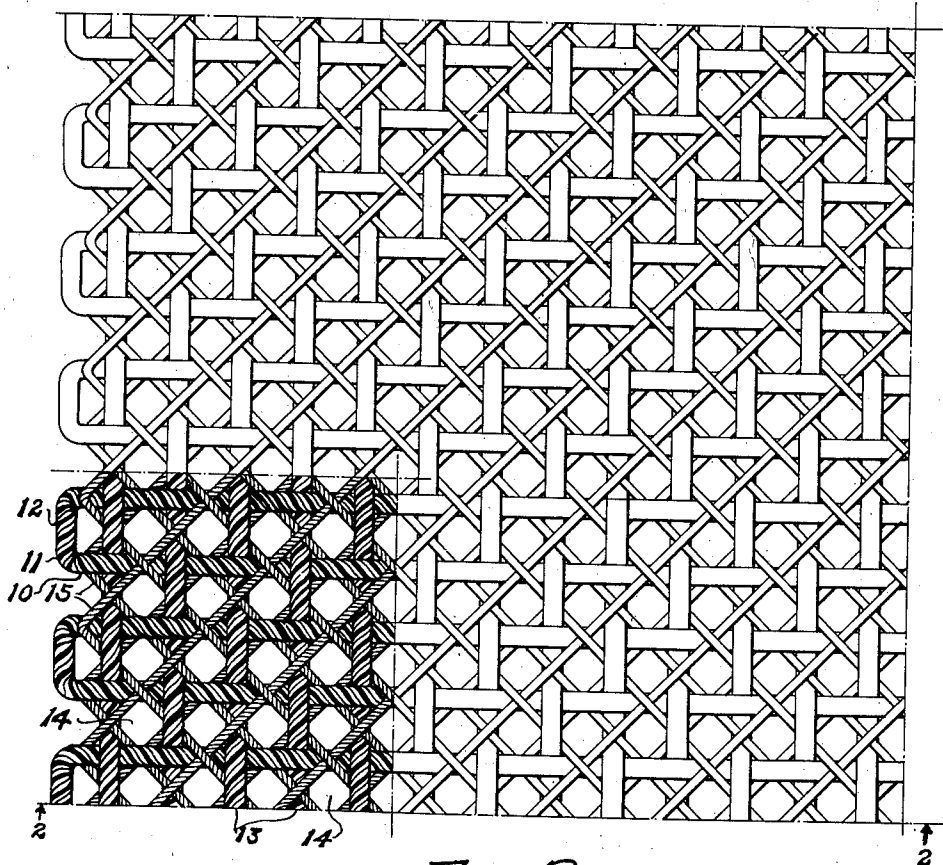


FIG. 2.

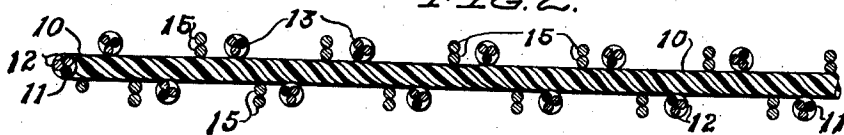
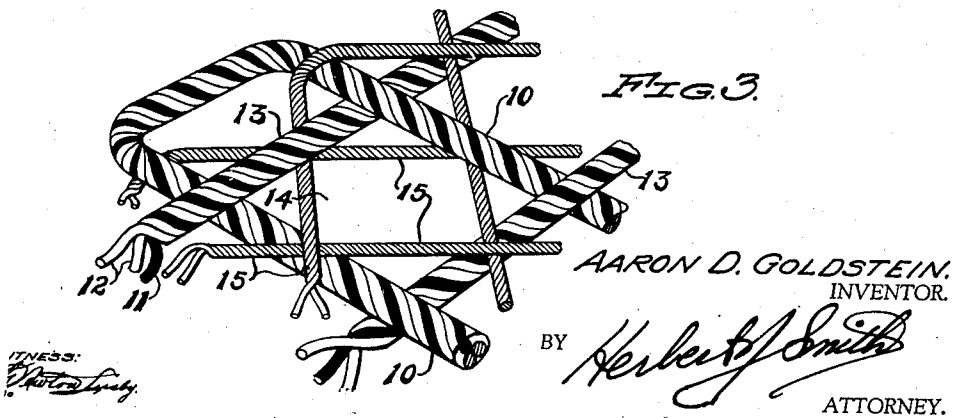


FIG. 3.



WITNESS:  
*Herbert B. Smith*

## UNITED STATES PATENT OFFICE

2,244,835

## TEXTILE MATERIAL

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3 Claims. (Cl. 139—427)

This invention relates to textile materials and more particularly to a textile material which has woven therein a component of hair or some equivalent material which will provide a means for increasing the rigidity or stiffness of a material to be used primarily for foundations for garments.

Heretofore, it has been difficult to provide a light weight summer suit which had a foundation on the chest portions thereof and which foundation would permit the suit to be light in weight and also retain an amount of shape to afford a definite form fit.

It is an object of this invention to provide a textile material which will be light in weight and of a maximum rigidity and at the same time one which is provided with a maximum number of vents.

A further object is to provide a textile material having a warp and a weft each having hair as one of its component parts.

A further object is to provide a textile material having a plurality of vents therein, each of said vents being composed of a hexagonal aperture, four sides of which are composed of a material which is more rigid than the material forming the remaining sides.

Other and further objects may be and may become apparent to one skilled in the art without departing from the spirit of the invention or the scope of the appended claims.

In the drawing:

Figure 1 is an enlarged plan view partially in full lines to differentiate between the component parts of the material,

Figure 2 is a sectional view taken substantially along line 2—2 of Figure 1, and with the weft threads not shown in section.

Figure 3 is an enlarged perspective view showing the construction of the material in detail.

Referring more particularly to the drawing, there is shown therein a fabric having weft threads 10 composed of preferably one strand of hair 11 and two strands of linen or cotton as indicated at 12. It will be noted that the warp threads 10 are twisted previously to weaving. There is also provided a series of warp threads 13 of like construction to the warp threads 10.

Interwoven diagonally with respect to the warp and weft threads and at right angles to one another, are two series of relatively smaller threads of cotton or linen as indicated at 15.

It will be seen that this construction provides substantially hexagonal openings 14 which allow a maximum of ventilation and that at the same time a material of great strength is provided.

While but one form of the invention has been herein shown and described, it will be apparent to those skilled in the art that many minor modifications may be made without departing from the disclosure presented in the subjoined claims.

I claim:

1. A fabric woven of warp threads each composed of one strand of hair and two strands of fibrous material twisted previously to weaving, weft threads of like construction the warp and weft threads being interlaced with each other and two series of diagonally extending threads of fibrous material, each series extending at right angles to the other, said diagonally extending threads being interlaced with the warp and weft threads to make a unitary fabric.

2. A textile material for suit foundations having warp and weft threads each consisting of a strand of hair and two strands of linen twisted together and interlaced to form a multiplicity of square shaped apertures, and two series of reinforcing threads each series consisting of a pair of twisted linen or cotton threads, the reinforcing threads forming a multiplicity of square shaped apertures, the threads forming the last said squares being interlaced with the warp and weft threads to form a plurality of octagonally shaped apertures in a unitary fabric.

3. A textile material for suit foundations woven of warp threads each composed of two strands of fibrous material and at least one strand of hair twisted previously to weaving to form a substantial uniform thread, weft threads substantially similar in construction to said threads of the warp, the warp and weft threads being interlaced with each other forming a plurality of square shaped openings in the fabric, threads of fibrous material extending diagonally to the warp and weft threads and interwoven therewith so that each of the apertures in the fabric has two pair of diagonally extending threads each pair spaced substantially at right angles from the other pair, whereby the completed fabric consists of a unitary pliable material to form a plurality of octagonally shaped holes in a unitary fabric.

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