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INSULATED AND PROTECTIVE HELMET

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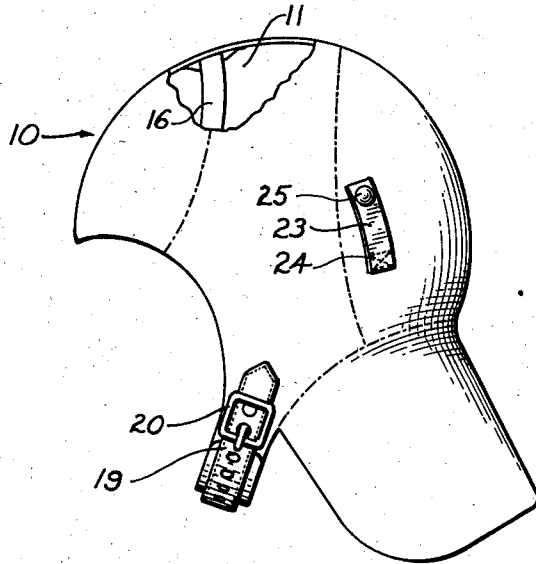


Fig. 1

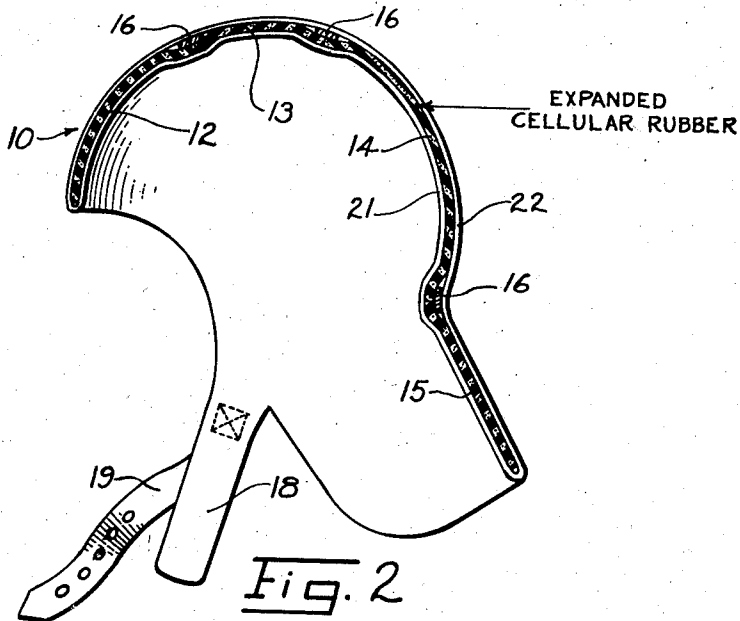


Fig. 2

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INSULATED AND PROTECTIVE HELMET

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3 Claims. (Cl. 2-6)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

This invention relates to an insulating and protective helmet and has for an object to provide a helmet especially designed to protect the head and back of the neck against cold, wetness, and wind, and further protect the head from shock due to impact with another object.

Still a further object of this invention is to provide a protective helmet which may be worn alone or beneath a steel helmet by occupants of military tanks which are notorious for their rough rides and tight quarters, thereby exposing the occupant to constant danger of head injuries.

A further object of this invention is to provide a helmet which is soft, flexible and light, and fits snugly about the head and is provided with a depending extending flat covering and protecting of the neck and carrying away any water which might run down the back of the helmet. A further object of this invention is to provide means for securing and temporarily holding the helmet in position on the wearer, as well as means for securing goggles thereto.

With the foregoing and other objects in view, the invention consists in the construction, combination and arrangement of parts hereinafter described and illustrated in the drawing, in which:

Figure 1 is an elevational partly broken-away view of the helmet of this invention; and

Figure 2 is a longitudinal sectional view of the helmet of Figure 1.

There is shown at 10 the helmet of this invention consisting principally of an interlining of soft, light, flexible and waterproof material 11, such as expanded cellular rubber. As shown, this interlining 11 is made in three sections 12, 13 and 14 cut to fit across the front, top and rear of the head of the wearer, while the fourth section 15 is cut to fit about the back of the neck of the wearer. These sections 12, 13, 14 and 15 are joined together by vulcanizing strips 16 making the same into an integral one-piece helmet, the top section 13 being provided with an extension strap 18 adapted to fit under the neck of the wearer and acting as a cushion piece for the fastening strip 20 and buckle 21 for holding it in position.

The inner side of the joined interlining 11 is covered with a suitable cloth 21, such as flannel or the like, while the outer side is covered with a suitable cloth 22, such as gaberdine, drill cloth or the like.

In addition, the back section 14 may be provided on its outside with a pair of short goggle straps 23 fastened at one end as at 24 and provided with a snap fastener as at 25 for securing the goggle band therebeneath.

Other modifications and changes in the proportions and arrangements of the parts may be made by those skilled in the art without depart-

ing from the nature of the invention, within the scope of what is hereinafter claimed.

The invention described herein may be manufactured and used by or for the Government of the United States of America for governmental purposes without the payment of any royalties thereon or therefor.

Having thus set forth and disclosed the nature of this invention, what is claimed is:

1. A helmet comprising, an interlining of light, soft, flexible material, an inner cloth covering and an outer cloth covering, said interlining comprising a plurality of sections joined together, one section fitting across the front of the head, a second section joined thereto covering the top and opposite sides of the head, a third section joined to the second section covering the rear of the head and a fourth section joined across the edge of the third section and also along the side covering parts of the second section providing a neck protecting portion.

2. A helmet comprising an interlining of light, soft, flexible material, an inner cloth covering and an outer cloth covering, said interlining comprising a plurality of sections joined together, one section fitting across the front of the head, a second section joined thereto covering the top and opposite sides of the head, a third section joined to the second section covering the rear of the head and a fourth section joined across the edge of the third section and also along the spaced side covering parts of the second section providing a neck protecting portion, said second section having an extension depending thereon adapted to fit under the chin of the wearer and fastener straps on said extension, said extension providing a cushioning means for said fastening strap.

3. A helmet comprising an interlining of light, soft, flexible material, an inner cloth covering and an outer cloth covering, said interlining comprising a plurality of sections joined together, one section fitting across the front of the head, a second section joined thereto covering the top and opposite sides of the head, a third section joined to the second section covering the rear of the head and a fourth section joined across the edge of the third section and also along the spaced side covering parts of the second section providing a neck protecting portion, said second section having an extension depending thereon adapted to fit under the chin of the wearer and fastener straps on said extension, said extension providing a cushioning means for said fastening strap, each of said sections of said interlining being of expanded cellular rubber, said sections of rubber being secured together by vulcanizing strips along their joints.

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