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R. A. WASHINGTON

2,431,287

KNEE PROTECTOR

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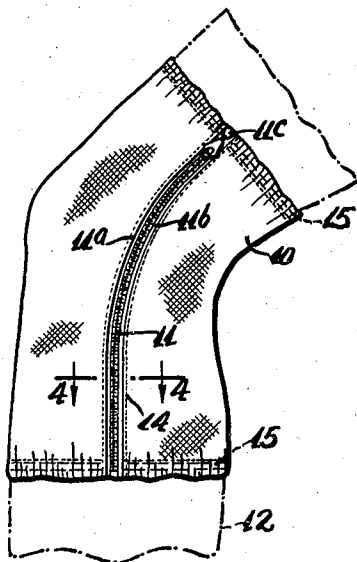


Fig. 1.

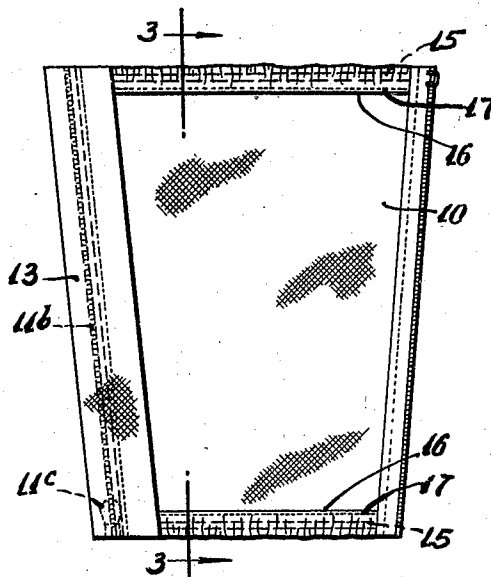


Fig. 2.

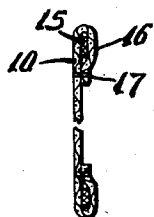


Fig. 3.

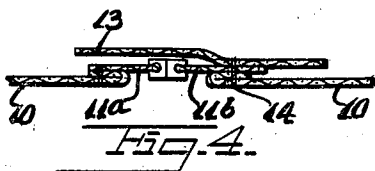


Fig. 4.

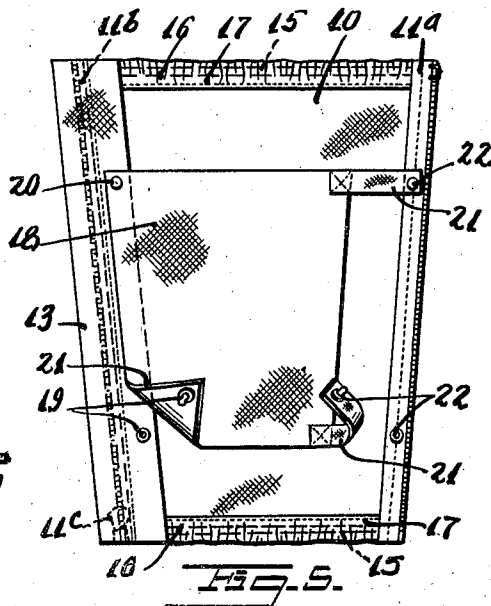


Fig. 5.

INVENTOR.
Robert A. Washington
BY *Golden H. Polach*
ATTORNEY

UNITED STATES PATENT OFFICE

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KNEE PROTECTOR

Robert A. Washington, Brooklyn, N. Y.

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2 Claims. (Cl. 128—165)

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This invention relates to new and useful improvements in a knee protector.

More particularly, the invention proposes a knee protector which may be engaged around one's leg at, above, and below the knee.

Still further the invention proposes to characterize the knee protector by a strip of cloth of knitted, or other material, and provided with a slide fastener on the edge portions thereof for holding the same about one's knee.

Still further the invention contemplates providing the top and bottom portions of said strip of cloth with elastic strips for gathering and making the same form fitting.

Still further an arrangement is proposed which will prevent the slide fastener from directly contacting a wearer's skin.

Another object of the invention resides in the provision of an auxiliary pad mounted upon the cloth strip for further protecting the knee.

Another object of the invention is the construction of an article as mentioned which is simple and durable, and which may be manufactured and sold at a reasonable cost.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawing forming a material part of this disclosure:

Fig. 1 is a side elevational view of a knee protector constructed in accordance with this invention.

Fig. 2 is an elevational view of the knee protector illustrated in Fig. 1 but shown in an open position and viewed from the back.

Fig. 3 is a fragmentary vertical sectional view taken on the line 3—3 of Fig. 2.

Fig. 4 is a fragmentary horizontal sectional view taken on the line 4—4 of Fig. 1.

Fig. 5 is a bottom view similar to Fig. 2 but illustrating a modified construction.

The knee protector, in accordance with this invention, includes a strip of cloth material 10 which may be made of ribbed material or other knitted types of material. This strip of cloth 10 is adapted to encircle a person's leg at, above, and below the knee. A slide fastener 11 is mounted on the edge portions of the strip 10 for holding the strip in position on one's leg, as schematically illustrated in Fig. 1, in which the dot and dash lines 12 indicate one's leg. This slide fastener 11 is of conventional construction, having the

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usual hook stringers 11^a and 11^b attached upon the sides of the strip 10 and adapted to inter-engage each other in the usual way by the proper manipulation of a control slide 11^c. A guard strip 13 is mounted on the back and along one side of the strip 10 for extending beneath the slide fastener, as clearly illustrated in Fig. 4. This guard strip is held in position by the line of stitches 14 which holds the stringer 11^b of the slide fastener in position.

Elastic strips 15 are mounted upon the top and bottom portions of the strip 10 for gathering and making same form fitting. These elastic strips 15 are secured within the top and bottom folded portions 16 of the strip 10. Lines of stitches 17 hold the folded portions 16 in formation.

In Fig. 5 a modified form of the invention has been disclosed which distinguishes from the prior form in the fact that a pad 18 is mounted between the guard strip 13 and the other side of the strip 10. This pad may be constructed of flannel or other protective material. The pad 18 is removably mounted upon the strip 13 by several snap fasteners 19, the co-operating parts of which are positioned upon guard strip 13 and the strip 10, respectively. The other side of the pad 18 is provided with projecting elastic strips 21. The outer ends of these elastic strips 21 are provided with snap fasteners 22 which are cooperative with the edge portion of the strip 10 for releasably securing these parts together.

The knee protector is intended to be worn during cold weather to keep the knees warm. However, it may be used for other reasons whenever protection for the knee is desirable. It is believed that the engagement and removal of the protector upon the leg is obvious without a detailed description thereof.

While I have illustrated and described the preferred embodiments of my invention, it is to be understood that I do not limit myself to the precise constructions herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claims.

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

1. A knee protector, comprising a strip of cloth material adapted to encircle a person's leg across and above and below the knee, a slide fastener on the edge portions of said strip for holding the strip in position on one's leg, elastic strips mounted on the top and bottom portions of said strip for gathering and making same form fitting,

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a guard strip mounted on the back and along one side of said strip for extending beneath said slide fastener, and a pad mounted between said guard strip and the other side edge of said strip, one side of said pad being provided with snap fasteners cooperative with complementary snap fasteners mounted in said guard strip.

2. A knee protector, comprising a strip of cloth material adapted to encircle a person's leg across and above and below the knee, a slide fastener on the edge portions of said strip for holding the strip in position on one's leg, elastic strips mounted on the top and bottom portions of said strip for gathering and making same form fitting, a guard strip mounted on the back and along one side of said strip for extending beneath said slide fastener, and a pad mounted between said guard strip and the other side edge of said strip, one side of said pad being provided with snap fasteners cooperative with complementary snap fasteners mounted in said guard strip.

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teners mounted in said guard strip, the other side of said pad being provided with projecting elastic straps having snap fasteners cooperative with complementary snap fasteners upon the latter side edge of said strip.

ROBERT A. WASHINGTON.

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