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**A leg guard.**

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References cited:  
**GB-A- 386 780  
GB-A- 955 486  
GB-A- 2 073 009**

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## Description

This invention relates to a leg guard comprising a central portion for covering, the leg part between instep and knee joint, a first portion non-detachably attached to one end of the central portion for covering the ankle joint and a second portion for protecting the knee joint.

Generally known leg guards of this type (e.g. GB-A 386 780) are used among other things for goal keepers in the field hockey sport. In these known leg guards, the second portion is attached to the other end of the central portion. It has been found that when practising this sport on artificial turf, rapid wear of the first portion of the leg guards for covering the ankle joint will occur. This has the drawback that even if only the first portion of one leg guard is worn out, a new set has to be purchased.

It is an object of the present invention to provide a leg guard which can be used again after the first portion is worn out.

A leg guard according to the present invention is characterized in that to the other end of the central portion there is also non-detachably attached another first portion for covering the ankle joint and the second portion is alternatively detachably attachable to both first portions for protecting the ankle joint.

The present invention will now be described, by way of example, with reference to the accompanying drawings, in which:

Fig. 1 is a front view of a known leg guard;

Fig. 2 is a front view of a portion of the leg guard according to the present invention; and

Fig. 3 shows the portion of the leg guard for covering the knee joint.

Fig. 1 shows a known leg guard whose first portion 1 for covering the ankle joint and second portion 2 for covering the knee joint are attached non-detachably to the ends of the central portion 3 for covering the leg between instep and knee joint. Straps for attachment of the leg guard are shown at 4, 5, 6, 7.

Fig. 2 shows a portion of a leg guard according to the present invention, in which identical first portions 8, 9 for covering the ankle joint are attached non-detachably to the central portion 10 for covering the leg between instep and knee joint. At 11, 12, 13 and 14, openings for the passage of a strap are shown.

Fig. 3 shows the second portion 17 for covering the knee joint of the leg guard according to the present invention with a strap 20 passed through openings 18, 19 and a strap 21 attached thereto. This second portion 17 can be fitted over the first portions 8, 9 of the leg guard and be attached by means of strap 20 via openings 11, 12 or 13, 14 and strap 21 via holes 15 or 16.

It will be clear that when e.g. the second portion 17 is attached to the portion 8 and the first portion 9 is worn out, the leg guard can be made suitable for

re-use by transferring the second portion 17 to the first portion 9.

Since in actual practice, a pad, not shown, is attached to the inside along one side of the central portion, which pad is adapted to rest against the outside of the leg, it will be necessary, after displacement of the second portion 17 in the above described manner, to wear the leg guard first worn e.g. on the left leg subsequently on the right leg.

## Claims

A leg guard comprising a central portion (10) for covering the part of the leg between instep and knee joint, a first portion (9) non-detachably attached to one end of the central portion (10) for covering the ankle joint, and a second portion (17) for covering the knee joint, characterized in that to the other end of the central portion (10) there is also non-detachably attached another first portion (8) for covering the ankle joint and the second portion (17) is alternatively detachably attachable to both first portions (8, 9) for protecting the ankle joint.

## Patentansprüche

Beinschutz, umfassend einen mittleren Teil (10) zum Bedecken des Teiles des Beins zwischen Rist und Kniegelenk, einen ersten Teil (9), nicht entfernbar an einem Ende des mittleren Teils (10) angebracht, zum Bedecken des Knöchelgelenks und einen zweiten Teil (17) zum Bedecken des Kniegelenks, dadurch gekennzeichnet, daß am anderen Ende des mittleren Teils (10) auch noch ein Teil (8) zum Bedecken des Knöchelgelenks nicht-entfernbar angebracht ist und der zweite Teil (17) alternativ an beiden Teilen (8, 9) zum Schutz des Knöchelgelenks entfernbar befestigbar ist.

## Revendications

Jambière comprenant une partie centrale (10) pour couvrir une partie de la jambe comprise entre la cambrure du pied et la jointure du genou, une première partie (9) fixée de façon non détachable à une extrémité de la partie centrale (10) servant à couvrir l'articulation de la cheville, et une seconde partie (17) servant à couvrir la jointure du genou, caractérisée en ce qu'à l'autre extrémité de la partie centrale (10) se trouve une autre partie (8) fixée de façon non détachable et servant à couvrir l'articulation de la cheville et une seconde partie (17) qui est fixée de façon détachable alternativement à chacune des parties (8, 9) sert à protéger l'articulation de la cheville.

FIG. 1

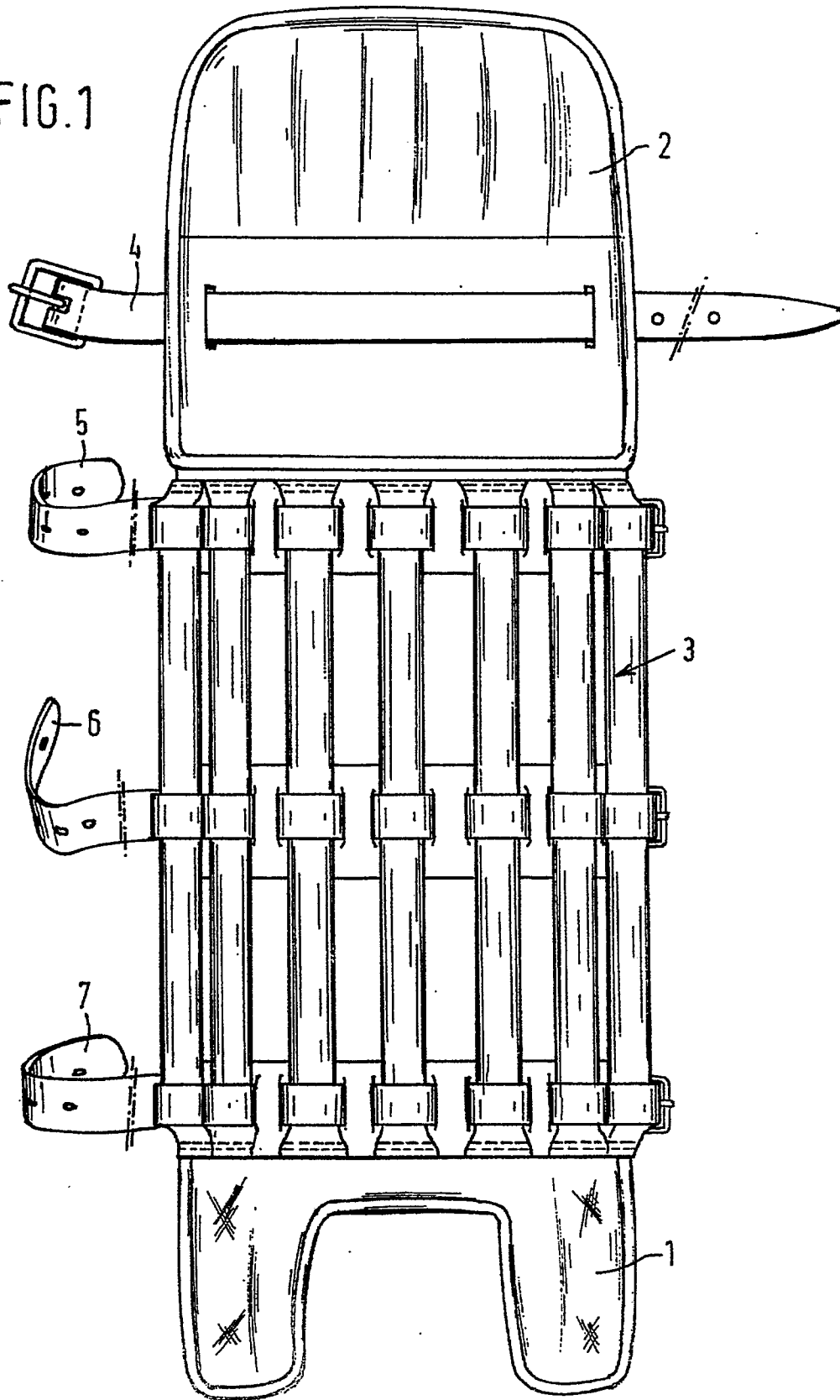


FIG. 2

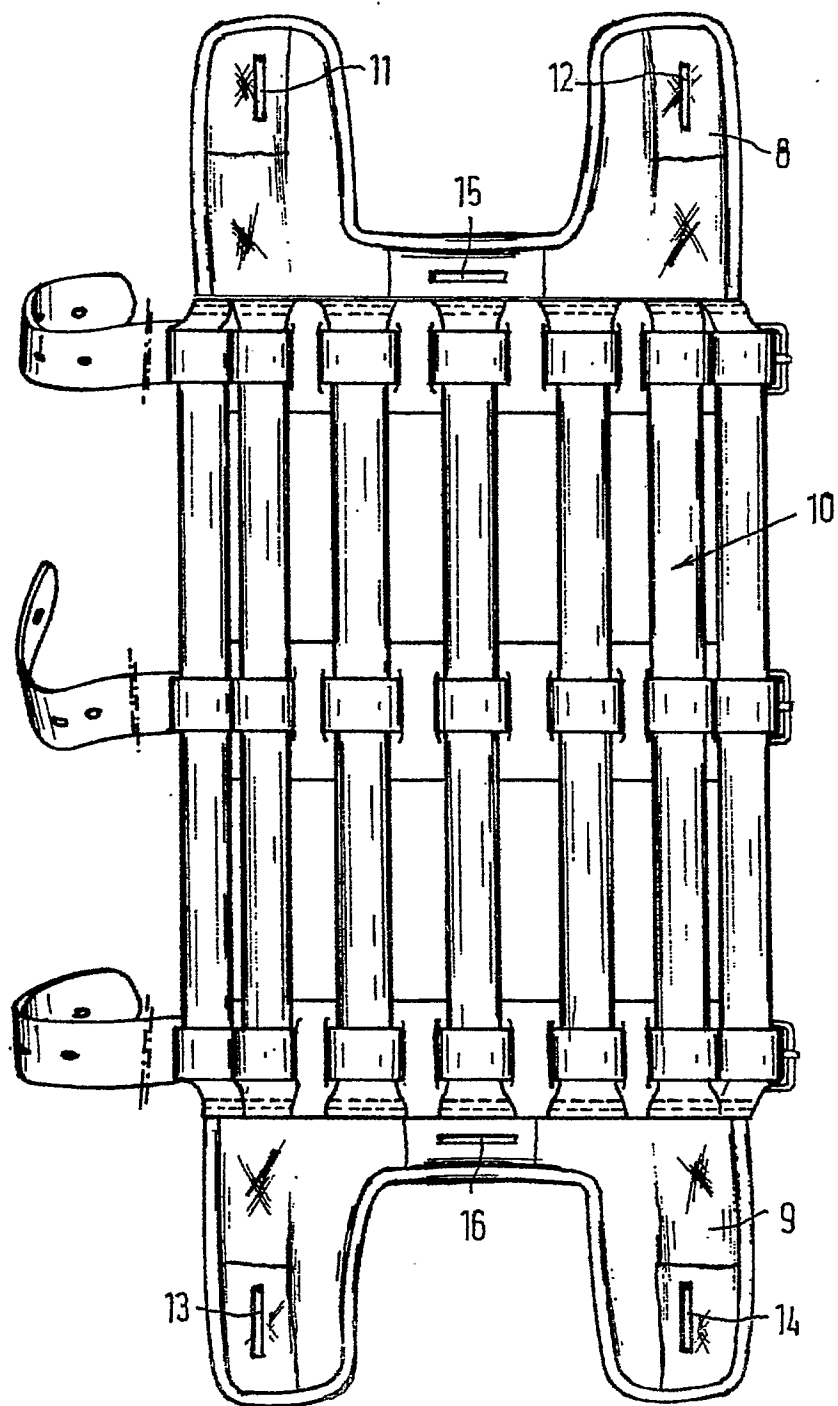


FIG. 3

