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SAMUEL FRAIS
USUALLY KNOWN AS SAM FRAIS
SHOULDER PAD FOR GARMENTS
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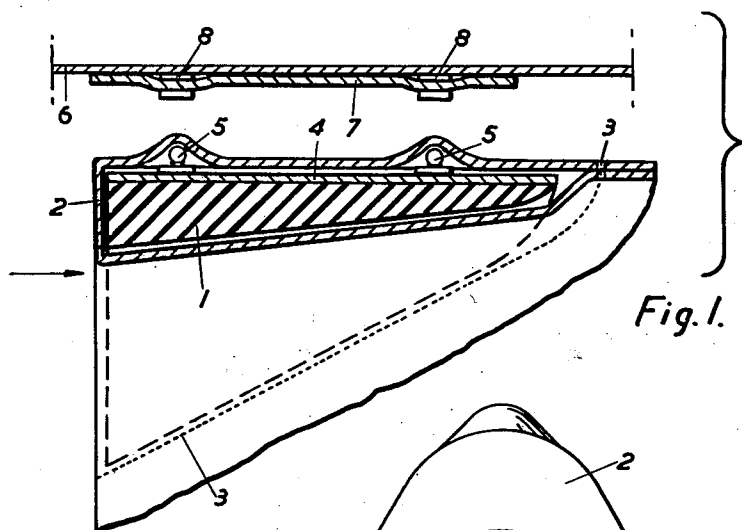


Fig. 1.

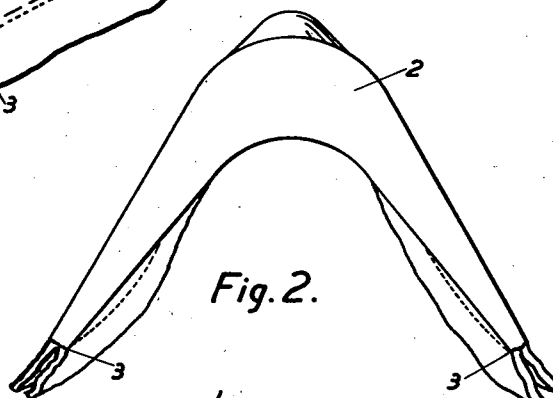


Fig. 2.

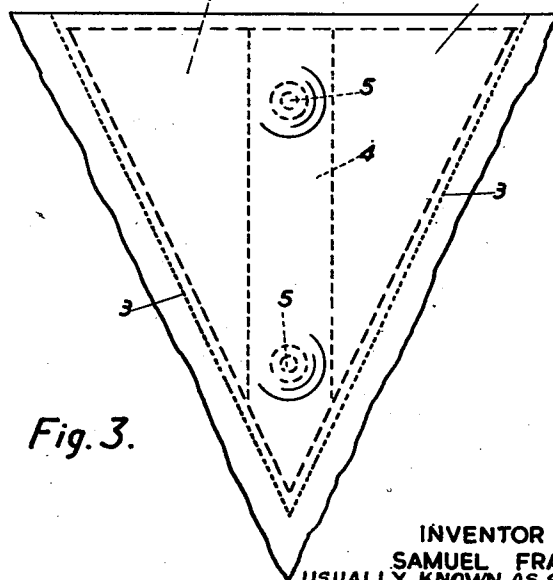


Fig. 3.

INVENTOR
SAMUEL FRAIS
USUALLY KNOWN AS SAM FRAIS
BY *Chetson & Company*
ATTORNEYS

UNITED STATES PATENT OFFICE

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SHOULDER PAD FOR GARMENTS

Samuel Fraiss, usually known as Sam Fraiss, London, England, assignor to Parapads Limited, London, England, a company of Great Britain

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4 Claims. (Cl. 2—268)

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This invention relates to shoulder and like pads for fitting to garments, its object being to provide an improved and simplified method of attaching fastening means to such pads whereby they can be readily secured to and removed from the garment when the latter is to be cleaned or discarded or again when it is desired to use the pads in some other garment.

The pads which may have a body of felt, hair, rubber, sponge rubber or any other appropriate substance or admixture of substances of a like nature suitable for the purpose, are each covered with a loose outer casing of any suitable material such as silk, art silk, cotton, nylon and so forth and if desired this outer casing may be rendered impermeable to water or to solvents used in dry cleaning.

In order to render such pads readily removable from the garment to which they have been fitted, it is customary to provide fastening means, the male members of which are carried on a tape or like strip of fabric stitched on the inside of the outer loose casing, holes being preformed in such outer casing for the passage of the heads of said male members or studs so that they may coact with their female or counterparts which are sewn on an independent tape adapted to be appropriately engaged with the garment to which the pad is to be fitted, the two parts of the fastening means being then engaged together.

According to the present invention the manufacture of such pads is simplified by integralising a strip of fabric or tape member on which the male members or studs of the fastening means are carried, with the upper surface of the body itself of the pad by causing it, for example, to adhere thereto by suitable adhesive along a longitudinal central or axial line and extending between the inner and outer ends of the pad, whereafter a loose pre-prepared outer impermeate casing is slipped over the body portion. This casing is not pre-perforated and it will only be necessary to press the coacting parts of the fastening means together to cause the male member or stud to self-perforate the outer casing and permit both parts to tightly interlock but enabling them to be quite easily disconnected in known manner, when desired.

The body portion may be curved and tapered for instance in thickness and height from its outer end towards its inner end and is pre-shaped from resilient material, whilst the casing comprises a piece of material folded about the body portion and stitched along the sides thereof.

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The fastening means may be press studs of known kind consisting of the usual male and female members adapted to engage removably one with the other.

The coacting female part of each press fastening means is, as before, fixed to an independent tape or the like.

In order that the invention may be more fully understood, it is shown by way of example in the accompanying drawing, wherein:

Figure 1 is a central vertical section of a shoulder pad.

Figure 2 is an end elevation looking in the direction of the arrow in Figure 1.

Figure 3 is a plan view.

In these figures, 1 is the body portion of a shoulder pad made for example of sponge rubber, which as can be clearly seen in Figure 1, tapers from a thicker portion at the shoulder end to a feather edge at the head or neck end. At the upper surface of the central part of the body 1 there is integralised therewith, such as by glueing or sticking with rubber solution or otherwise appropriately, a tape 4 on which have been previously affixed the male or stud members 5 of press fasteners of known kind.

The body 1 is totally enclosed in a loose outer casing 2, advantageously pre-formed which is passed over the thick end of the body and is secured in place by one or more rows of stitching 3.

When the pad is initially assembled, the body 1, tape 4 and the male or stud members 5 are totally enclosed within the casing 2 which at this stage is imperforate. 6 represents the material of the dress or other garment in which the pad is to be secured. On the inside thereof a tape 7 is secured by stitching or any other suitable method of known kind.

The tape 7 carries the coacting female members 8 of the press fastening means arranged in corresponding positions to the male or stud members 5. It will be appreciated that in Figure 1 the pad is shown slightly separated from the dress material or the like, and that it will only be necessary to engage them together to permit the male and female members of the press fastening means to interlock. At the moment of engagement the male or stud members force their way through the material of the casing 2 and engage in the female members in the usual way, thus avoiding the need of pre-forming apertures in the casing which may not correspond correctly with the positions of the studs 5.

This simple construction is an advance in the

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art and effects considerable saving in time and labour since there is no need to stitch one piece of tape or strip of fabric carrying the studs to the outer casing and as stated no need to provide initial perforations in such outer casing for the passage of the heads of the studs.

After slipping the outer casing 2 onto the body 1 during assembly, it is only necessary to stitch along that edge which was left open for the passage of the body 1.

This construction is especially applicable to pads made of resilient material such as sponge rubber, wherein the tape 4 can be quickly and firmly attached by the use of rubber solution.

I claim:

1. A shoulder pad for garments comprising a pre-shaped resilient body portion, substantially rigid garment securing means for said pad secured to said body portion and projecting outwardly of the surface of said body portion, and an impermeate casing completely enclosing said body portion and said securing means, the said securing means being adapted to be forced through said casing into garment engaging position.

2. The shoulder pad of claim 1 additionally

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including a strip of fabric secured to the surface of said body portion and wherein said garment securing means is carried by said strip.

3. The shoulder pad of claim 1 wherein said garment securing means is in the form of press studs co-acting with complementary stud receiving means carried by the garment.

4. The shoulder pad of claim 1 additionally including a strip of fabric secured to the surface of said body portion and wherein said garment securing means is in the form of press studs carried by said strip and co-acting with complementary stud receiving means carried by the garment.

SAMUEL FRAIS,

Usually known as Sam Fraiss.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
2,436,054	Pinkus	Feb. 17, 1948
2,441,482	Gerry	May 11, 1948
2,497,382	Weber	Feb. 14, 1950