Jan. 15, 1952 L. DUMAS 2,582,240

GLOVE

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Fig. 1.

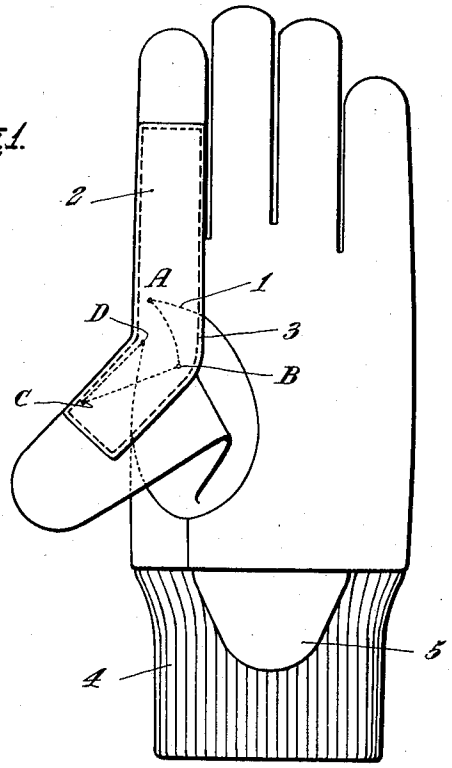
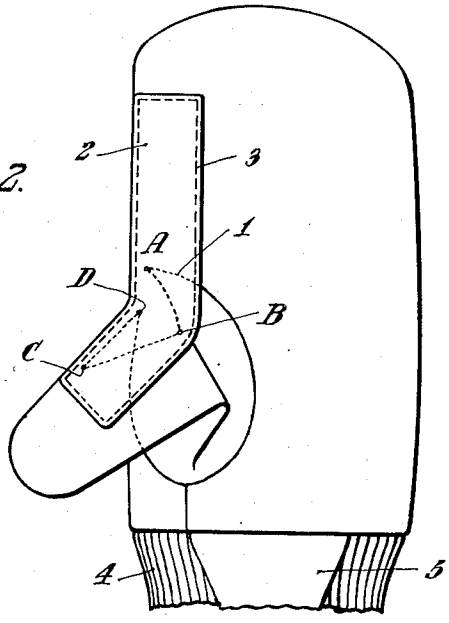


Fig. 2.



INVENTOR:
LEONCE DUMAS
BY Leon M. Strauss

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GLOVE

Léonce Dumas, Lausanne, Switzerland

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3 Claims. (Cl. 2—161)

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This invention relates to gloves, and has for its primary object the provision of means facilitating strong and durable glove structures with great resistance to wear and particular adaptability to use as ski-ing, motoring or like sport gloves in which the gusset or crotch part between thumb and fore finger or parts of the palm, are subjected to excessive wear. Gloves are known in which certain parts thereof are reinforced, and such is the case with certain riding gloves, for example, in which the interior of the hand, thumb and fingers is reinforced. In these gloves, however, the reinforcing pieces form and contribute to undesired thickness of the different pieces of the glove when assembled together by stitches, and these reinforcing pieces are joined to the glove by the same stitching as that which joins the constituent pieces of the glove together. In general, moreover, the stitches are subjected to heavy strain and the normal stitching is unprotected.

It is a further object of the invention to provide means eliminating this disadvantage, and seeking to protect, in an article of glovewear, at least a part of the stitching joining the thumb with the rest of the glove or similar article.

According to this invention there is provided an article of glovewear wherein at least one reinforcing piece extends at least over the part of the article to cover the inside of the thumb and the index finger as well as over the part of the palm situated between the said covered parts, in such a manner that the reinforcing piece covers a part of the stitching joining the thumb to the remainder of the article, this reinforcing piece being joined to the article by stitching, which at least over part of its length is independent of the normal stitching on the article.

Preferably, the reinforcing piece is stitched along its edge and all around its entire periphery to the article and independently of the stitching connecting the thumb body to the glove article.

In order that a clear understanding of the invention may be obtained reference will now be made to the accompanying sheet of drawings in which:

Figure 1 shows the invention applied to a glove.

Figure 2 shows the invention applied to a mitten.

The glove shown in Figure 1 is a leather glove whose parts are joined together by stitches. In

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particular, the thumb body, of the "ricochet" type, is joined by stitching to the rest of the article. By reason of its shape, this thumb body gives the best fitting since the defining edge of said thumb body conforms to the anatomically shaped thumb of the wearer's hand and the four pointed ends A—B—C—D of said edge including the stitching contained between the thumb and the index finger are the ones which the reinforcing piece chiefly aims to protect. These stitches are, moreover, subject to heavy strains, and when the glove is used in ski-ing, the rubbing of the ski-stick causes rapid wear of the inside part of the thumb, of the index finger and of the part of the palm situated between. To protect the conventional stitches 1 joining the thumb body to the glove, and to avoid wear of the glove in the above mentioned part, a reinforcement piece 2 of substantially rectangular shape and substantially uniform width throughout its length covers the inside of the thumb, of the index finger, and the crotch part of the palm situated therebetween. In this way, the normal stitching 1, which joins the thumb body to the rest of the article, and in particular the points A—B—C—D, are covered by the piece 2. Reinforcement piece 2 preferably corresponds in width to the index finger of the wearer's hand, but is less than the width of the thumb of the wearer's hand.

It will be noticed that, over the greater part of its length, the stitching 3 which joins the reinforcing piece to the glove is separate from and independent of the stitching of the fingers. It is, however, understood that in other modes of execution, the stitching 3 can be entirely independent of the stitching of the fingers. It will further be noticed that, when used for ski-ing, the glove will bear upon the whole periphery of the ski-stick through the medium of the reinforcing piece 2. Preferably, the reinforcing piece 2 extends only toward and terminates sufficiently below the region of the tip portions of the thumb and index finger, these regions remaining thus uncovered to thereby not impair any binding action and the feeling of these upper finger portions or tips across the glove material.

The glove shown includes, in addition, a knitted cuff 4, and a leather fitting-flap 5, the latter being provided to take the pull when fitting on the glove.

The mitten shown in Figure 2 is also of leather and includes a "ricochet" type thumb joined to the rest of the mitten by means of normal stitching 1. This stitching is also covered on its part situated between thumb and index finger by a

reinforcing piece 2 covering the inside face of the thumb, the inside face of the index finger facing the thumb and the part of the palm situated between these two adjacent thumb and index faces. This piece 2 is joined to the mitten by stitching 3, which is independent of the stitching 1 joining the pieces of the mitten together. The regions of the finger tips of the mitten are left uncovered.

This mitten also displays a knitted cuff 4 and a leather fitting-flap 5.

In the two embodiments shown, the reinforcing pieces 2 are of leather. It is possible for the body of the article to be made of skin, cloth, knitted, fabric, or other suitable materials. The reinforcing piece can also be made of skin, cloth, knitted, or fabric materials.

In certain modes of execution intended for purposes other than ski-ing, as, for example, horse-riding or motoring, the reinforcing piece could extend to other parts of the article so as to cover still other parts of its stitching. A further possibility is to employ one or more reinforcing pieces in addition to that which joins the inside of the thumb and the inside of the index finger, these other pieces covering other stitching interconnecting certain finger parts of the article, and being fixed to the article by independent stitching other than normal or conventional stitching used on the article.

It can thus be seen that there has been provided according to this invention a glove having a thumb body insert terminating in a circumferential edge with a plurality of spaced pointed ends cut to conform said edge to the anatomically shaped thumb of the wearer's hand and affixed to the remaining glove body by means of stitching and further including a crotch between said thumb body and said remaining glove body; a substantially rectangular-shaped reinforcement piece having a width for covering said pointed ends and having a length extending across said crotch and along adjacent portions of said thumb body and of said remaining glove body facing each other, and stitch means attaching said reinforcement piece in place to thereby cover said pointed ends and said stitching adjacent the latter, said stitch means extending along the circumference of said reinforcement piece and independently of said stitching.

Having now particularly described and ascertained the nature of my said invention and in which manner the same is to be performed, I declare that what I claim is:

1. In a glove for use in sport and for like purposes having a thumb body insert terminating in a circumferential edge with a plurality of spaced pointed ends cut to conform said edge to the anatomically shaped thumb of the wearer's hand and affixed to the remaining glove body by means of stitching and further including a crotch between said thumb body and said remaining glove body; a substantially rectangular-shaped reinforcement piece having a width for covering said pointed ends and having a length extending across said crotch and along adjacent portions of said thumb body and of said remaining glove body facing each other, and stitch means attaching said reinforcement piece in place to thereby cover said pointed ends and said stitching adjacent the latter, said stitch means extending along the circumference of said reinforcement piece and independently of said stitching.

2. In a glove for use in sport and for like purposes having a thumb body insert terminating in a circumferential edge with a plurality of spaced pointed ends and cut to conform said edge to the anatomically shaped thumb of the wearer's hand, said thumb body being affixed to the remaining glove body by means of stitching and a crotch arranged between said thumb body and said remaining glove body; a substantially rectangular-shaped elongated reinforcement piece of substantially uniform width throughout its length and corresponding to the width of the index finger of the wearer's hand and being of lesser width than that of the thumb of the wearer's hand but sufficient to cover said pointed ends of said thumb body, said reinforcement piece having a length extending from short of the tip of said index finger across said crotch to the thumb body and terminating short of the tip of the thumb, and stitch means attaching said reinforcement piece in place to thereby cover said pointed ends and said stitching, said stitch means extending along the edge defining said reinforcement piece and independently of said stitching, whereby the tip of the index finger and that of the thumb of the wearer's hand remain substantially free from said reinforcement piece to allow movability of said finger tips.

3. In a glove according to claim 2, wherein said reinforcement piece extends over the inner face of a considerable part of the thumb body across the thumb crotch and along and over the entire inner face of the index finger, but for the tip of the latter.

LÉONCE DUMAS.

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