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E. C. LINDFELT

2,314,545

GLOVE

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Fig. 1.

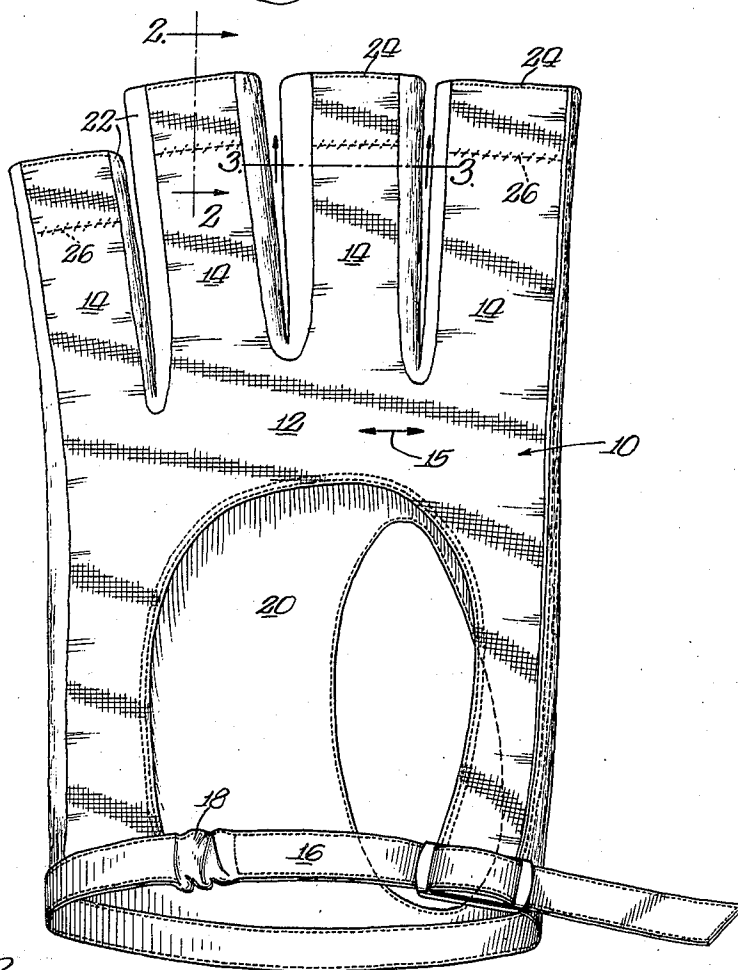


Fig. 2.

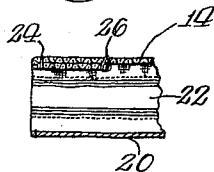
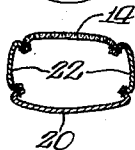


Fig. 3.



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UNITED STATES PATENT OFFICE

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GLOVE

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5 Claims. (Cl. 2—159)

My invention consists of a construction for a glove whereby the glove will readily fit hands of various shapes.

It is well known in the glove trade that one of the serious problems is the difficulty of providing, in a line of gloves, a sufficient range of sizes so that all purchasers can obtain a satisfactory fit. Hand shapes vary a great deal, so that individual persons may have considerable difficulty in getting a dress glove or sports glove which fits comfortably and satisfactorily. For many types of gloves, good fit is essential if the glove is to have a long and useful life.

A general object of my invention is to provide a glove which will conform smoothly to the wearer's hand.

A more specific object, in gloves having short fingers with open ends, is to provide a construction which will prevent rolling of the edges of the glove around the open ends of the finger portions.

With these and other objects in view, my invention consists in the construction, arrangement and combination of the various parts of my device whereby the objects contemplated are attained, as hereinafter more fully set forth, pointed out in my claims and illustrated in the accompanying drawing, in which:

Figure 1 is a plan view showing the rear portion of a sport glove embodying my invention.

Figure 2 is a fragmentary cross sectional view taken on the line 2—2 of Figure 1.

Figure 3 is a cross sectional view taken on the line 3—3 of Figure 1.

According to my invention I use for the back portion of the glove an elastic fabric, which causes the glove to conform smoothly and comfortably to the shape of the wearer's hand at all points. The glove, indicated generally at 10, has a back portion 12, which may be of any suitable elastic material, and is extended out into the fingers in the usual way, as shown at 14. I have found elastic satin materials to be suitable for this purpose, although many others may be satisfactorily employed. For best results, a so-called "one way stretch" material is preferred, and the material is so arranged in the cutting of the back portion that the stretch occurs transversely of the glove, in the direction indicated by the double arrow 15. The resistance of the "one-way stretch" fabric to stretching in a direction longitudinally of the glove keeps the glove from losing its shape. The glove is preferably provided with a wrist strap 16 having an elastic portion 18 or any other suitable elastic arrangement. The palm portion 20 and the finger gusset portions 22

are made of leather, ordinary cloth or fabric materials, or any of the usual materials as desired.

In a glove made as above described it will be seen that the elastic character of the back 12 and its finger portions 14 will cause the glove to fit smoothly across the knuckles and around the fingers. Provision of elastic means 18 in connection with the wrist strap completes the combination to give a glove which fits smoothly and comfortably at all parts of the hand regardless of how unusual or different from the common pattern the wearer's hand may be.

In certain types of sport gloves my construction makes possible a refinement which has very distinct advantages. Golfers have for a number of years appreciated the virtues of a glove made without a thumb stall, and having short fingers without tips, so that the careful touch control required in handling golf clubs would not be interfered with. One of the faults of ordinary gloves of this type, however, has been that after a short period of use, particularly if there is much perspiration of the hands, the edges of the glove fingers around the open ends, particularly on the palm side, tend to flare out or roll up and cause an uncomfortable bunch between the fingers of the wearer and the club handle, which destroys the very advantage the glove is supposed to have. Therefore, golf gloves of this type have sometimes failed to give satisfactory long service.

In using my elastic back construction for golf gloves of the kind referred to, I turn back a wide fold of the hem of the elastic material inside the edge of the fingers, as may be seen particularly in Figure 2. The two thicknesses of material are sewed through along a line close to the fold, as shown at 24, and the cut edge of the hem is stitched up, as at 26. This keeps the two thicknesses of elastic material flat, avoids a bunch or ridge which might be caused by a narrow hem at this point, and prevents rolling of the elastic material itself.

Of course, the principal difficulty from rolling has not been at the back of the glove, but more on the palm side. However, with my double reinforced elastic portion across the back of the fingers adjacent the ends, there is a firm tension around the outer end of the finger stalls, effectually overcoming any tendency of the edges to flare or roll up when subject to rubbing action against the golf clubs, etc. I have found that gloves of this design have a substantially longer satisfactory service life than plain leather gloves of the same style, and that they retain

their desirable quality of permitting careful touch control in playing golf, throughout this increased life.

Some changes may be made in the construction and arrangement of the parts of my device without departing from the real spirit and purpose of my invention, and it is my intention to cover by my claims any modified forms of structure, or use of mechanical equivalents, which may be reasonably included within their scope.

I claim as my invention:

1. A glove having a relatively inelastic palm portion, short fingers with open ends, an elastic back portion extending across the knuckles and down the backs of the fingers, and elastic clasping means at the wrist, said palm portion having an enlarged opening for the thumb and said back portion at the outer ends of the fingers being turned back inside in a wide hem, giving a double thickness of elastic material adjacent the ends, causing the ends to fit snugly around the wearer's fingers.

2. In a sport glove, a palm portion of relatively inelastic material, an enlarged opening therein for the thumb, finger gusset pieces, a back portion across the knuckles and extending down the fingers, joined to said gusset pieces, said fingers being short and with open ends, said back portion being formed of one-way stretch elastic fabric, stretchable in a direction transversely of the glove, and relatively non-stretchable longitudinally of the glove, said back portion at the

outer ends of the fingers being turned back in a wide hem, giving a double thickness of elastic material adjacent the ends.

3. A glove construction incorporating a palm portion and finger gusset pieces of relatively inelastic material, and a back portion of elastic fabric material, said back portion being extended down the fingers and joined to said finger gusset pieces.

4. A glove having a palm portion and finger gusset pieces of relatively inelastic material, a back portion across the knuckles and extending down the fingers, said back portion being formed of one-way stretch elastic fabric, stretchable in a direction transversely of the glove, and relatively non-stretchable longitudinally of the glove, and elastic wrist fastener means.

5. In a sport glove having short fingers with open ends, a palm portion of relatively inelastic material, and a back portion of fabric material which is elastically yielding in a direction transversely of the glove, said back portion at the outer ends of the fingers being turned back in a hem at least half as wide in a direction longitudinally of the glove, as the width of the back portion of the finger transversely of the glove, the two thicknesses of material being sewed through along a line close to the fold, and stitched together at the transverse cut edge of the material.

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