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SWIMMING GLOVE

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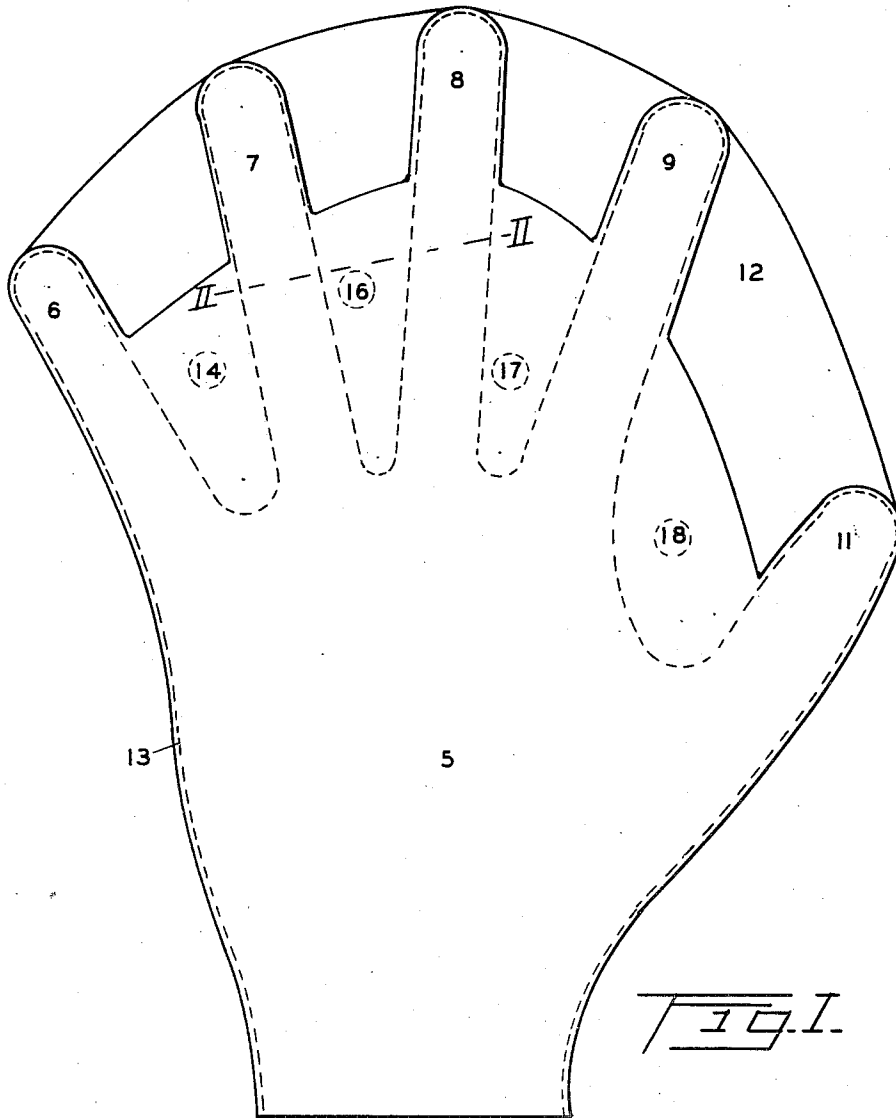


FIG. I.

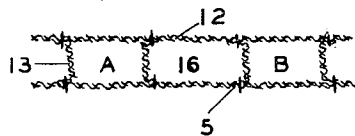


FIG. II.

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SWIMMING GLOVE

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2 Claims. (Cl. 9—21)

This invention relates to improvements in swimming devices and has particular reference to a swimming glove.

The principal object of this invention is to produce a glove which the wearer uses in swimming to increase the area of the hand in order to secure a greater purchase on the water during the swimming stroke.

A further object is to produce a device of this character which is economical to manufacture, one which is adaptable to any form of swimming stroke and one which does not require skill in learning to use.

A further object is to provide means for holding the glove on the hand through the reactive force of the water against the tendency of the glove to leave the hand at certain portions of the stroke.

Other objects and advantages will be apparent during the course of the following description.

In the accompanying drawing forming a part of this specification and in which like numerals are employed to designate like parts throughout the same,

Fig. I is a palm view of my improved glove.

Fig. II is a fragmentary cross sectional view taken on the line 2—2 of Fig. I.

In swimming it is customary for the person to hold the fingers closed together and to slightly cup the hand in order to secure as great a purchase as is possible on the water, so that the swimmer may react against this water in order to secure motion of his body through this medium.

It is, of course, well understood that if the fingers are spread apart the water will pass therebetween and a great deal of the efficiency of the stroke will be lost.

Applicant has, therefore, devised a glove which permits the spreading of the fingers in a much more natural way than that of holding them closed together and by providing webs between the fingers to increase the area of the hand to act upon a larger quantity of water during the swimming stroke.

And further, applicant has provided means whereby pockets are formed between each of the fingers and between the front and back portion of the glove. These pockets serve to become filled with water in such a manner that the pressure of the water into these cups or pockets will tend to force the glove on to the hand, as will be later described.

In the drawing the numeral 5 designates the palm portion of the glove, which has short finger extensions 6, 7, 8 and 9, and a thumb extension 11.

The back portion of the glove is shown at 12 and is similar in contour to the palm portion, with the exception that it has no finger extensions, but does have an extension visible in Fig. I, the margin of which is tangent with the ends of the fingers and the thumb.

A separating strip 13 is stitched between the palm portion and the back, as indicated in dotted lines in Fig. I. This arrangement forms pockets 14, 16, 17 and 18 between the fingers and the front and back portion. One of these pockets is shown in Fig. II, the fingers occupying the space "A" and "B."

The result of this construction is that when a person wearing the glove attempts to swim the front part of the back portion will scoop water into the pockets 14, 16, 17 and 18, and also the palm portion will present a greater area, and therefore, the stroke of the swimmer will act upon a much larger area of water than without the use of my glove.

As the hand moves backwardly toward the completion of the stroke the pressure of water in the pockets 14 to 18 counteracts any tendency of the glove to leave the hand due to the movement of water past the hand as the body moves forwardly.

As the hand leaves the water in the forward stroke, it is apparent that any water in the pockets will immediately drain therefrom and will not add to the effort of the swimmer.

It will thus be seen that I have produced a device which will accomplish all the objects above set forth.

It is to be understood that the form of my invention herewith shown and described is to be taken as a preferred example of the same and that various changes relative to the material, size, shape and arrangement of parts may be resorted to without departing from the spirit of the invention or the scope of the subjoined claims.

Having thus described my invention, I claim:

1. A swimming glove having a palm portion and a back portion, a separator strip secured to the margin of said palm portion, and said back portion and sewed thereto in such a manner as to form fingers and pockets therebetween.

2. In a swimming glove, a palm portion having short finger extensions and a back portion formed without fingers and having one margin thereof tangent with the ends of the finger portions of the palm section and a connecting strip sewed between said palm and said back portion and forming fingers and pockets therebetween.

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