C. P. PEARSON.

SWIMMING GLOVE.

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Fig. 1.

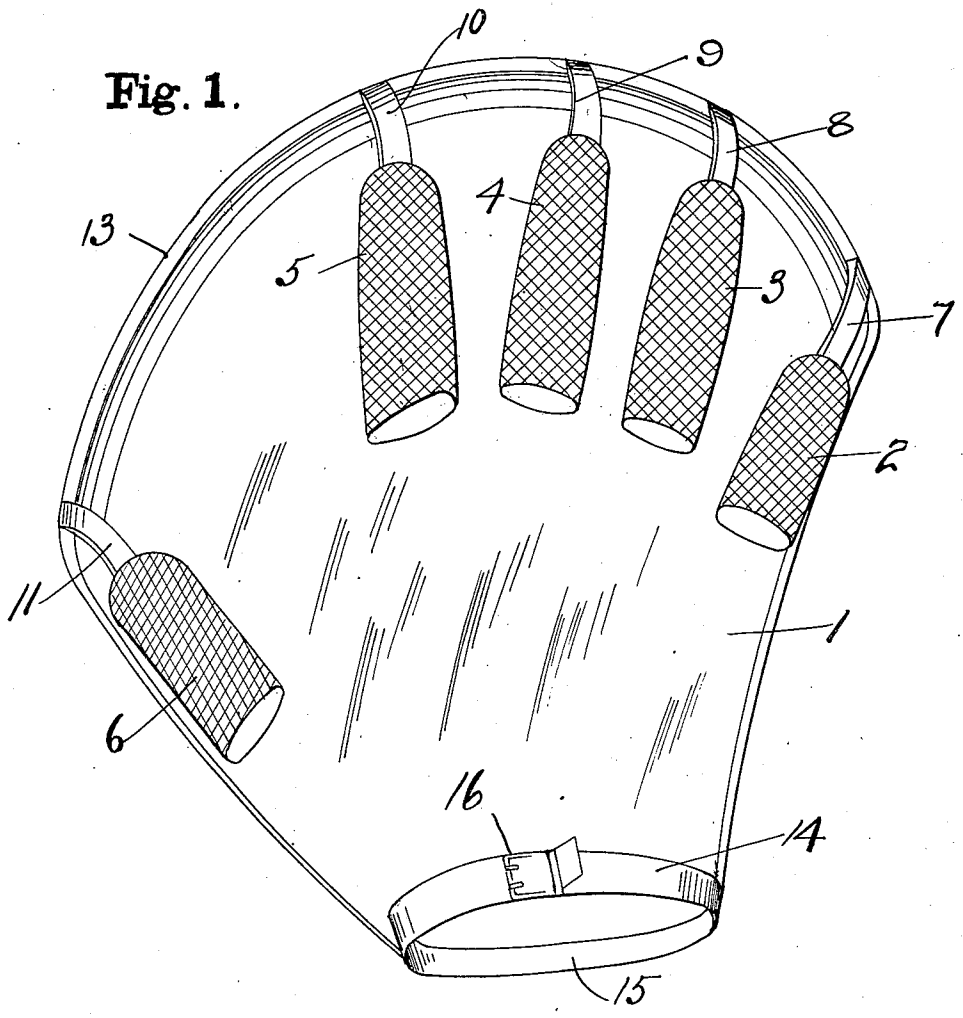
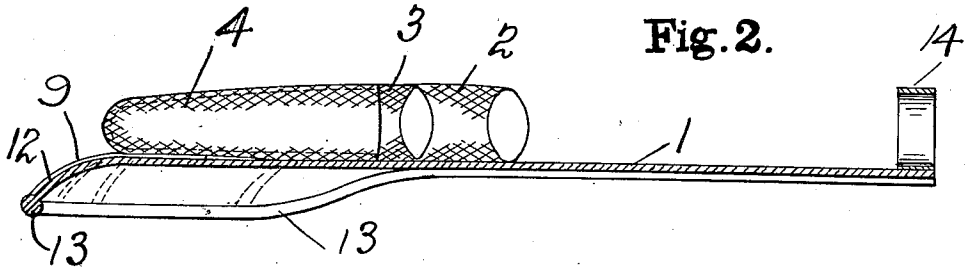


Fig. 2.



WITNESSES

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SWIMMING-GLOVE.

958,527. Specification of Letters Patent. Patented May 17, 1910.

Application filed January 26, 1910. Serial No. 540,110.

To all whom it may concern:

Be it known that I, CHARLES P. PEARSON, a citizen of the United States of America, residing at the city of Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Swimming-Gloves, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to swimming gloves and has for its object to provide a glove of this character having a flexible or elastic web substantially the shape of, but somewhat larger and covering more area than the hand of the wearer, the web being provided with the usual finger receiving cots, stalls, or pockets which are preferably perforated or formed of knitted fabric.

A further object of the invention is to provide simple and effective stiffening means whereby the outer edge of the glove web may be extended beyond the ends of the fingers for the purpose of presenting a greatly increased effective area or working surface to the swimmer, also for the purpose of causing said outer edge to curve inward giving the glove substantially a concaved, dishing or scooping effect for the purpose of obtaining the maximum efficiency while in action.

With these and other objects in view, the invention consists of certain novel features of construction, as will be more fully described and particularly pointed out in the appended claims.

In the accompanying drawings: Figure 1— is a view, partially in perspective, showing the back of the glove of extended area, the finger receiving cots and the extension members. Fig. 2— is a central longitudinal section through the glove.

These gloves are used in pairs on the hands of swimmers, each glove comprising a flexible sheet 1 having substantially the contour of the open hand, but adapted to cover somewhat more area than the hand even in its most extended position. This sheet is preferably made of water-proof material, such as sheet rubber or water-proof fabric. To the back of this sheet or web are secured the cots or stalls 2, 3, 4, 5 and 6 which may be made in any convenient form to receive the fingers and thumb of the wearer and which may be of any desired flexible material, but preferably of open-work, such as knitted fabric or netting, or the like. By constructing these cots of this open-work material the water is allowed to circulate freely therethrough around the fingers while contained therein, and this construction is found in practice to be much more comfortable to the wearer than a tight cot, and at the same time the strings or cords of the netting adhere, grip, bind and have a tendency to prevent the glove from slipping off during the opening and closing motion of the hands while swimming.

Another feature of this invention is that the web is extended for considerable distance beyond the ends of the fingers by inserting strips 7, 8, 9, 10 and 11 under each cot respectively, the same being of metal, hard rubber, or other suitable stiffening material. These strips are attached to the web in their respective positions by cementing, sewing or otherwise preferably beneath each cot. The outer end of each strip is turned inward from the back toward the inside of the glove as at 12, in Fig. 2, and thus serves the purpose of supporting the outer edge of the web and also of turning this edge inward giving the same a concave shape and forming a scooping or dishing effect to the glove. As a further support for the outer edge of this web I have provided a binding or tension cord 13, which is preferably made of a string, cord or rope of rubber, or other elastic or flexible material, the same being adapted preferably to lead completely around the web and be fastened to the outer edge thereof so that when the hand is opened and the fingers spread apart this cord will itself naturally draw the edge of the web inward giving it the desired scooping effect.

In order to assist the finger stalls in retaining the glove upon the hand I have provided a wrist band or strap 14, one side of which is attached to the web at 15, the opposite side of the strap being provided with a buckle 16 whereby it may be readily passed around the wrist and secured in position thereon.

By my improved construction this swimming glove may be made to cover a much greater area than the hand of the wearer and by turning the outer edge inward forming a scooping or dishing effect to the same, the glove is made much more effective than the ordinary flat glove.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent, is:

1. A swimming glove comprising a flexible sheet of water-proof material, a stall or cot for each finger fastened to the back of said sheet, the outer edge of said sheet extending beyond the ends of said stalls, curved stiffening strips for supporting said extending portion and causing the same to curve inwardly toward the palm giving the glove a concave or scooping effect.

2. A swimming glove comprising a flexible sheet of water-proof material, a stall or cot for each finger made of open-work or netting fastened to the back of said sheet, the outer edge of said sheet extending beyond the ends of said stalls, curved stiffening strips for supporting said extending portion and causing the same to curve inwardly toward the palm giving the glove a concave or scooping effect.

3. A swimming glove comprising a flexible sheet of water-proof material, a stall or cot for each finger fastened to the back of said sheet, the outer edge of said sheet extending beyond the ends of said stalls, curved stiffening strips for supporting said extending portion and causing the same to curve inwardly toward the palm giving the glove a concave or scooping effect, and a flexible tension cord around the outer edge of said web.

4. A swimming glove comprising a flexible sheet of water-proof material, a stall or cot for each finger made of open-work or netting fastened to the back of said sheet, the outer edge of said sheet extending beyond the ends of said stalls, curved stiffening strips extending outward from beneath each stall for supporting said extending portion and causing the same to curve inwardly toward the palm of the glove giving said glove a concave or scooping effect and an elastic tension cord around the outer edge of said web.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES P. PEARSON.

Witnesses:
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