Dec. 17, 1929. G. FEKETIS 1,740,290

SWIMMING GLOVE

Filed March 8, 1929

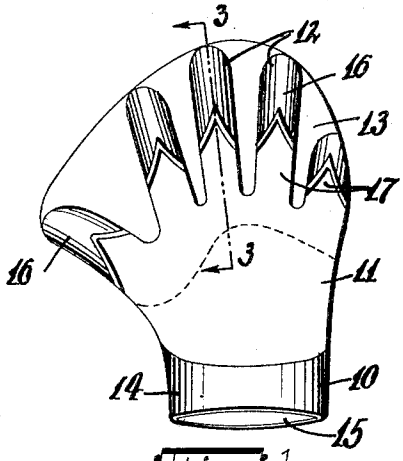


Fig. 1.

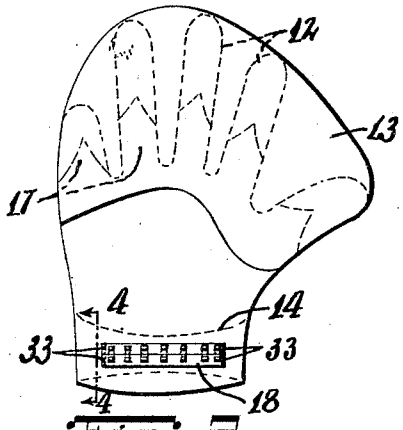


Fig. 2.

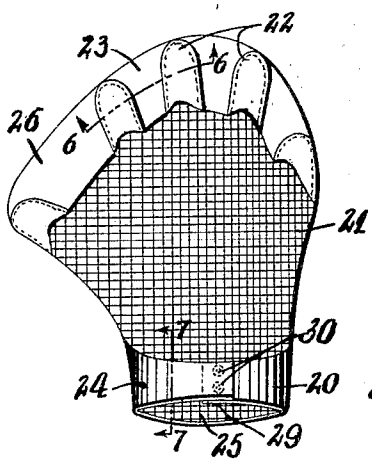


Fig. 5.

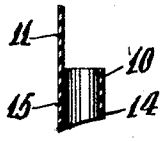


Fig. 4.

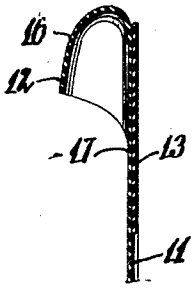


Fig. 3.

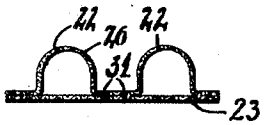


Fig. 6.

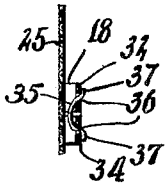


Fig. 7.

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Patented Dec. 17, 1929 1,740,290

UNITED STATES PATENT OFFICE

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SWIMMING GLOVE

Application filed March 8, 1929. Serial No. 345,286.

This invention relates to new and useful improvements in gloves for general use in handling materials and for swimming purposes.

The invention has for an object the provision of a device of the class mentioned which is of simple durable construction, dependable in use and efficient in action, and which can be manufactured and sold at a reasonable cost.

The invention proposes the use of a glove having a wrist strap connected with a palm portion, and webbed fingers connected with the said palm portion. The material should preferably be of sheet rubber or cloth though other material may be used, such as rubberized cloth. The finger portion should have tubular extremities for encasing the end portions of the fingers. A holder may be attached to the wrist strap for retaining the palm portion, the finger portion and the web portion in a folded disengaged condition from one's palm and fingers.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawing forming a material part of this disclosure:—

Fig. 1 is a perspective rear view of a glove constructed according to this invention.

Fig. 2 is a front elevational view thereof.

Fig. 3 is a fragmentary sectional view taken on the line 3—3 of Fig. 1.

Fig. 4 is a fragmentary sectional view taken on the line 4—4 of Fig. 2.

Fig. 5 is a view similar to Fig. 1 but disclosing a modified form of the device.

Fig. 6 is a sectional view taken on the line 6—6 of Fig. 5.

Fig. 7 is a sectional view taken on the line 7—7 of Fig. 5.

The reference numeral 10 indicates generally the wrist strap of a glove having a palm portion 11, finger portions 12 and a web 13. The wrist strap has a rear portion 14 integral at its ends with the sides of a front portion 15 which is integral at its top with the palm portion 11. The palm portion is shaped to cover the entire palm of one's hand.

Each of the finger portions 12 have tubular extremities 16 for encasing the end portions of the fingers, and integral with strip base portions 17 for covering the inner side of the fingers only. The web 13 extends from the tips of the fingers to the palm and is of sufficient length so that the finger portions may be in spread condition. Preferably the fingers 12 are cemented to the web portion which in turn is cemented upon a portion of the palm portion 11. Instead of cement, stitches or other fastening means may be used. A holder 18 for retaining the palm portion, the finger portion and the web portion in a folded condition disengaged from one's palm and fingers is shown attached upon the outer side of the front portion 15 of the wrist strap. This holder will be hereinafter described in detail.

In the modified form of the device illustrated in Figs. 5, 6 and 7, a glove has been shown formed with wrist strap 20 connected with a palm portion 21 and provided with finger portions 22. These finger portions are secured upon a web 23 which is integral with the palm portion 21. The wrist strap has a rear portion 24 integral at its ends with the sides of a front portion 25 integral at its top with the palm portion 21. The rear portion 24 is made of two sections overlapping each other as at 29 and connected by snap fasteners 30. The finger portions are formed by a strip of material 26 shaped to provide tubular openings for the fingers and extending along the web 23 and secured in fixed position by stitches 31. A holder 18 for retaining the palm portion, the finger portions and the web portion in a folded condition disengaged from one's palm and fingers is secured upon the outer face of the front portion 25 of the wrist strap.

The holder 18 consists of an upper strap 32 of elastic material attached at its ends to the front portion of the wrist strap by stitches 33, and an adjacent lower strap 34 attached at its ends to the front portion of the wrist strap also by stitches 33. The upper strap

is of weak elastic material and the lower strap is of very tough elastic material relative to the material of the upper strap. A plurality of transverse leaf springs 35 are disposed beneath the upper and lower straps so that their central portions extend across the adjacent edges of the straps, and the end portions of the leaf springs pass thru apertures 36 formed in the straps, and these end portions are secured upon the outer faces of the straps by stitches 37.

In a stretched condition of one's hand the glove may be retained in engagement thereon. In this condition the glove may be used for swimming purposes to add to the efficiency of each stroke of the swimmer, or the glove may be used for handling materials. When desired the wearer may bend his fingers for disengaging the same from the tubular portions of the finger members, then the palm portion, the finger portion and the web portion of the glove may be folded and in this folded condition forced beneath the straps 32 and 34.

For engaging the said portions beneath the straps they should first be engaged beneath the upper strap which is of relatively weak elastic material and readily stretches permitting insertion. The transverse leaf spring 35 serves as guides so that the material of the glove may next be forced beneath the lower strap which is of very tough elastic material. In this condition of the device it is disposed upon one's wrist without any inconvenience to the wearer, permitting the free use of the hand.

While I have shown and described the preferred embodiment of my invention, it is to be understood that I do not limit myself to the precise construction herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claims.

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

1. A glove of the class described, comprising a palm portion, finger portion integral therewith, a web portion secured on the fronts of the finger portions, a wrist strap connected on the bottom of the palm portion, and a holder for retaining the palm portion, the finger portions, and the web portion in a folded condition disengaged from one's hand.

2. A glove of the class described, comprising a palm portion, a web portion integral therewith, a strip secured on the web portion and shaped to form finger tubular finger engaging portions, a wrist strap connected on the palm portion and formed of two sections detachably connected, and a holder for retaining the palm portion, the finger portions, and the web portion in a folded condition disengaged from one's hand, said holder attached on the wrist strap.

3. A glove of the class described, comprising a palm portion, a web portion integral therewith, a strip secured on the web portion and shaped to form finger tubular finger engaging portions, a wrist strap connected on the palm portion and formed of two sections detachably connected, and a holder for retaining the palm portion, the finger portions, and the web portion in a folded condition disengaged from one's hand, said holder attached on the wrist strap, and including two straps of different degrees of elasticity.

In testimony whereof I have affixed my signature.

GEORGE FEKETIS.