May 22, 1923. 1,455,826

P. L. L. YORGENSEN

SWIMMING APPLIANCE

Filed Nov. 27, 1922

FIG. 1

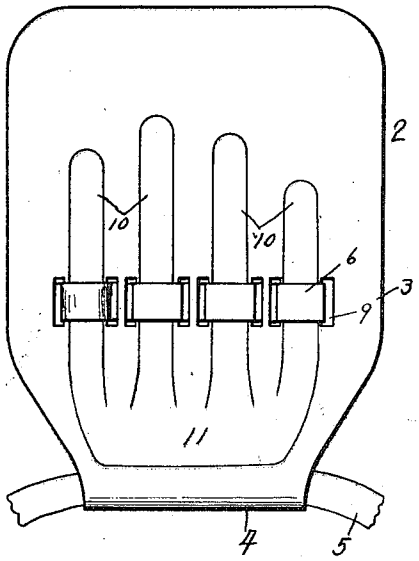


FIG. 2.

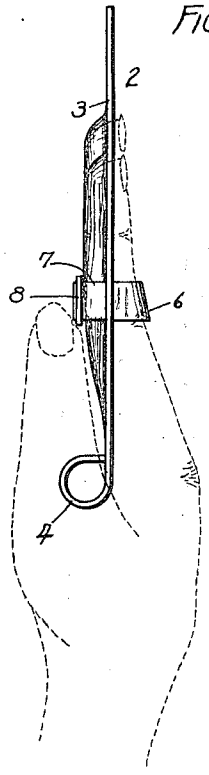
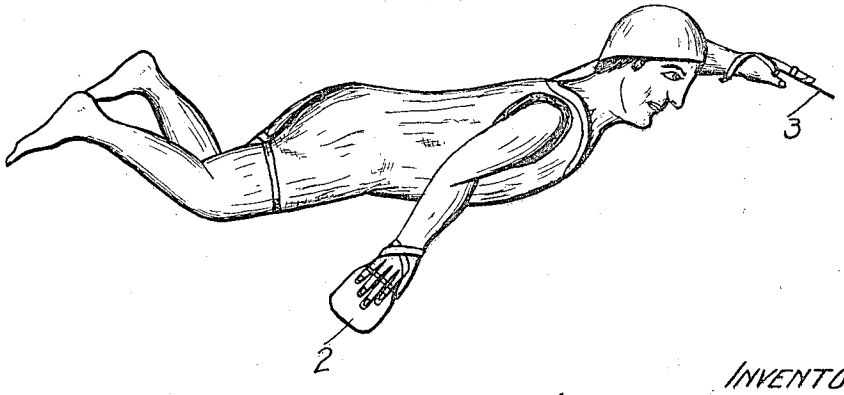


FIG 3



INVENTOR

P. L. L. Yorgensen

Watt Fritsche

ATTORNEY

Patented May 22, 1923. 1,455,826

UNITED STATES PATENT OFFICE.

PAUL L. L. YORGENSEN, OF HARTFORD, CONNECTICUT, ASSIGNOR OF ONE-HALF TO ALFRED J. GENGRAS, OF HARTFORD, CONNECTICUT.

SWIMMING APPLIANCE.

Application filed November 27, 1922. Serial No. 603,477.

To all whom it may concern:

Be it known that PAUL L. L. YORGENSEN, citizen of the United States, residing at Hartford, in the county of Hartford and State of Connecticut, has invented certain new and useful Improvements in Swimming Appliances, of which the following is a specification.

This invention relates to a swimming-appliance and which can be readily and easily attached to members of the body of a swimmer to facilitate his passage through the water.

The device is in the nature of a practically flat plate detachably associable with a member of the body such as a hand or hands.

In the drawing accompanying and forming part of the present specification, I have represented in detail a form of embodiment of the invention which to enable those skilled in the art to practice the same will be set forth fully in the following description. Clearly I am not restricted to this disclosure. I may depart therefrom in a number of respects within the scope of the invention defined by the claims following said description.

Referring to said drawings:

Figure 1 is a top plan view of the device.

Fig. 2 is an elevation as seen from the left in Figure 1, the dotted lines showing the relation of the article to a hand of the user.

Fig. 3 is an elevation showing a swimmer furnished with two of the paddles, applied to his hands.

Like characters refer to like parts throughout the several views.

The swimming appliance is made up of two paddles as 2 and 3. For instance, in Fig. 3 I show a manner of using the same. The paddle 2 represented in Figs. 1 and 2 on a somewhat larger scale than Fig. 3, is exactly like the paddle 3, so that a detailed description of the paddle 2 (Figs. 1 and 2) will apply to the paddle 3, they being virtually the same.

Said paddle 2 involves in its make-up a fan-like body such as 3 having at its reduced rear or inner end the curve or bend 4 which is intended to fit in the palm of the hand at the junction of the thumb therewith, as shown for instance by Fig. 2. This curving or bending as at 4, of the body 3 produces a loop to receive a strap 5 which can be tied around the wrist as shown in Fig. 3, while the paddle is removably applied to the hand.

The body 3 has upon one side thereof several loops 6 of which as shown there are four and through which the fingers can be projected. The loops 6 are formed by a strap 7 which can be removably held in place by a buckle 8. The strap is extended through elongated parallel slots 9 as shown best in Fig. 1, to produce the loops.

Below each loop 6 is a cavity 10, there being as shown four of these cavities which are intended to receive the fingers of a hand. The cavities merge into or extend from a transverse cavity 11 near the base or inner portion of the body 3 on the rear side thereof as shown for instance in Fig. 1.

In action, the strap 7 will be fastened by the buckle 8 after which the fingers of the hands will be laid into the channels or grooves 10 with the transverse groove 11 receiving the ball portions of the thumbs of the hand. The strap 5 will then be projected through the loop or eye 4 passing around the wrist and there tied for instance in a bow. One of each of the paddles will be applied to the hands at which time the appliance is in readiness for use in swimming which, may be any of the strokes in vogue except that the stroke will be merely simplified and rendered easy.

What I claim is:

A swimmer's appliance involving a fan-shaped plate having loops to detachably receive the fingers of a user and also having channels to receive the fingers placed through the loops and also having a transverse channel to receive the hand at the junction of the fingers with the palm.

In testimony whereof I hereby affix my signature.

PAUL L. L. YORGENSEN.

Witnesses:

ELIN C. GARDELL,

HEATH SUTHERLAND.