No. 685,757. Patented Nov. 5, 1901.

H. J. GLOCKE & B. FENNER.

SWIMMING JACKET.

(Application filed June 29, 1901.)

(No Model.)

Fig. 1.

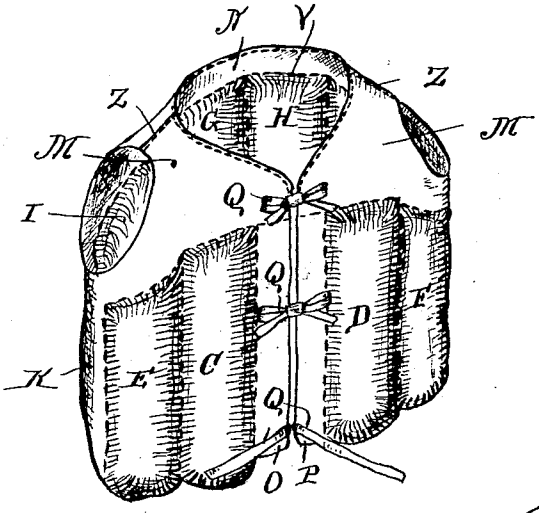


Fig. 2.

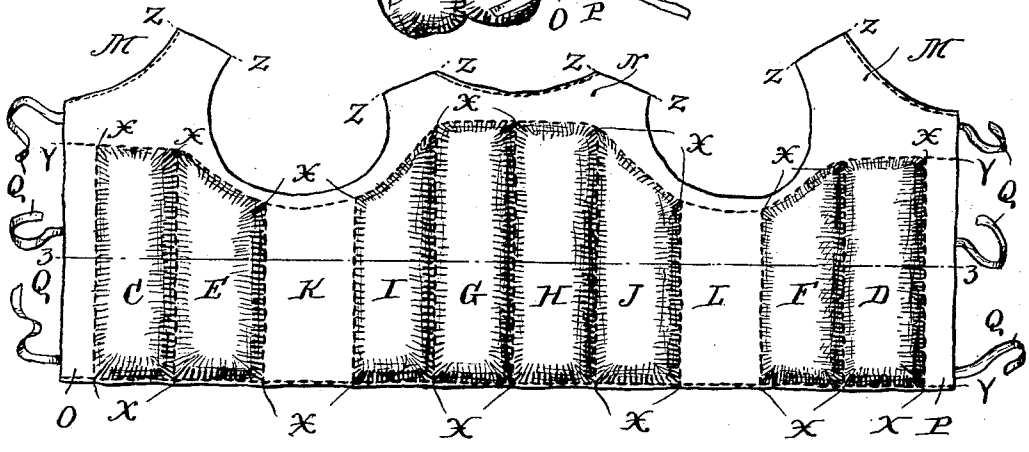
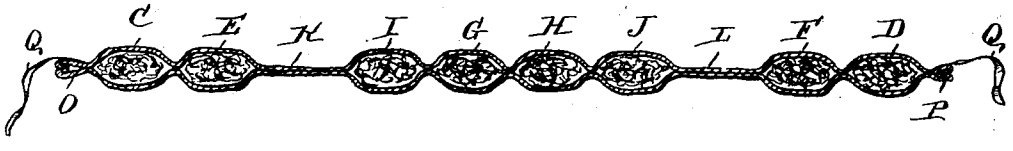


Fig. 3.



Witnesses:
Jesse B. Keller,
M. M. Hamilton.

Inventors
Herman J. Glocke
Barnet Fenner
by Harding and Harding
Attorneys.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

HERMAN J. GLOCKE AND BARNET FENNER, OF PHILADELPHIA, PENNSYLVANIA.

SWIMMING-JACKET.

SPECIFICATION forming part of Letters Patent No. 685,757, dated November 5, 1901.

Application filed June 29, 1901. Serial No. 66,478. (No model.)

To all whom it may concern:

Be it known that we, HERMAN J. GLOCKE and BARNET FENNER, citizens of the United States, residing at Philadelphia, county of Philadelphia, and State of Pennsylvania, have invented a new and useful Improvement in Swimming-Jackets, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, which form a part of this specification.

The object of our invention is to so construct a swimming-jacket that it will aid a learner not only to keep afloat, but will tend to throw the body forward into the position assumed in swimming.

A further object of the invention is to leave the arms perfectly free and unobstructed.

Another object of the invention is to enable the jacket to be readily put on and taken off and to adjust itself to persons of different sizes.

In the drawings, Figure 1 is a perspective view of the swimming-jacket. Fig. 2 is a development of the same. Fig. 3 is a section on the line 3 3 of Fig. 2.

The jacket is made of a piece of fabric the two layers of which are stitched together on the lines *x x* and *y y* to form sections or pockets C D E F G H I J (containing cork, cork-shavings, or other material of low specific gravity) and the flat sections K L. The two layers of fabric extend above the front and rear pockets, and the portion M, extending above the front pockets C D E F, is secured to the portion N of lesser height and area extending above the rear pockets G H I J on the line *z z*, and the sections M, N, K, and L are cut away to form armholes, thus forming a vest-shaped jacket, which is slipped on and off in the manner of a vest. Between the front pocket E and rear pocket I a section or pocket K is formed in which no cork is placed, the two layers lying flat one against the other. It is about the width of the cork-filled pockets, and its function is twofold—first, to connect the pockets at the front and rear, and, secondly, to form a flat surface underneath the armpits, thereby affording the greatest possible freedom of movement to the arms. A similar collapsed pocket or flat section L is formed between the front pocket F and rear pocket J. To further remove obstructions to the free action of the arm, the pockets E, F, I, and J are cut down in height adjacent to the flat sections K and L, the upper ends of said pockets being inclined downwardly from the respective adjacent pockets C, D, G, and H to the said flat sections.

The rear pockets G and H extend substantially higher than the corresponding front pockets C and D. The rear pockets I and J are also of greater average height than the corresponding front pockets E and F, the inclination of the upper ends of the pockets I and J being somewhat steeper than the inclination of the upper ends of the pockets E and F. The flat sections K and L are also slightly higher in the rear than in the front. This excess and higher reach of cork in the back tends to throw the body forward into the proper position to be assumed in swimming.

Beyond the sections C and D are formed, respectively, narrow flat sections O and P. To these sections and also the front edges of sections M are secured straps or ribbons Q. After the jacket is put on the straps of the opposing sections are tied together.

The jacket is not serviceable as a life-preserver, because it lacks the necessary buoyancy, owing to the large area of flat fabric, and because it tends to throw the body face forward into the water instead of maintaining the body in an upright position; but it is designed especially to meet the requirements of a swimming-jacket and as such is much superior to those now on the market.

Having now fully described our invention, what we claim, and desire to protect by Letters Patent, is—

1. A swimming-jacket comprising a plurality of vertically-extending cork-filled pocketed front sections and a plurality of vertically-extending cork-filled pocketed rear sections, the last-named sections being substantially longer than and extending a substantial distance above the first-named sections, and flat sections joining the end front and rear pocketed sections, substantially as described.

2. A swimming-jacket comprising a plurality of vertically-extending cork-filled pocketed front sections and a plurality of vertically-

extending cork-filled pocketed rear sections, the last-named sections being substantially longer than and extending a substantial distance above the first-named sections, flat sections joining the end front and rear pocketed sections, and flat sections extending above the front and rear sections and secured together at the top, the said flat sections being cut away to form armholes, substantially as described.

3. A swimming-jacket comprising a plurality of vertically-extending cork-filled pocketed front sections and a plurality of vertically-extending cork-filled pocketed rear sections, the last-named sections being substantially longer than and extending a substantial distance above the first-named sections, side flat sections joining the end front and rear pocketed sections, upper front and rear flat sections extending above the pocketed front and rear sections, and secured together at the top, said flat sections being cut away to form armholes, narrow front flat sections O and P beyond the central front pocketed sections, and straps secured to the narrow front flat sections and the upper front flat sections, substantially as described.

4. A swimming-jacket comprising a plurality of vertically-extending cork-filled pocketed front sections, a plurality of vertically-extending cork-filled pocketed rear sections, flat vertically-extending side sections connecting the adjacent front and rear pocketed sections, and upper front and rear flat sections extending respectively above the front pocketed sections and the rear pocketed sections, the central rear pocketed sections being substantially longer than and extending substantially above the central front pocketed sections, and the end rear pocketed sections being substantially longer than the end front pocketed sections, each of the end front and rear pocketed sections having an upper end sloping downwardly from the adjacent pocketed section to the adjacent flat side section, substantially as described.

5. A swimming-jacket comprising a piece of fabric in two layers, the said layers being stitched together, on vertical lines, along their lower edges, and between their upper and lower edges, to form pockets, thereby forming the front, rear and sides of the jacket, the pockets forming the front and rear of the jacket being filled with cork and the side pockets being flat or collapsed, the flat portion above the side pockets being cut away, and the flat portions above the front and rear pockets being secured together at the top to form armholes, substantially as described.

6. A swimming-jacket comprising a piece of fabric in two layers, the said layers being stitched together, on vertical lines, along their lower edges, and between their upper and lower edges, to form pockets, thereby forming the front, rear and sides of the jacket, the pockets forming the front and rear of the jacket being filled with cork and the side pockets being flat or collapsed, the flat portion above the side pockets being cut away, and the flat portions above the front and rear pockets being secured together at the top to form armholes, there being four front pockets and four rear pockets, the rear pockets being substantially longer than and extending substantially above the corresponding four front pockets, substantially as described.

7. A swimming-jacket comprising a piece of fabric in two layers, the said layers being stitched together, on vertical lines, along their lower edges, and between their upper and lower edges, to form pockets, thereby forming the front, rear and sides of the jacket, the pockets forming the front and rear of the jacket being filled with cork and the side pockets being flat or collapsed, the flat portion above the side pockets being cut away, and the flat portions above the front and rear pockets being secured together at the top to form armholes, there being four front pockets and four rear pockets, the rear pockets being substantially longer than and extending substantially above the corresponding four front pockets, there being also formed a narrow vertical flat double layer or section adjacent to the central front pockets, and straps secured to the last-named sections and to the front edges of the flat portion above the front pockets, substantially as described.

In testimony of which invention we have hereunto set our hands, at Philadelphia, on this 28th day of June, 1901.

HERMAN J. GLOCKE.
BARNET FENNER.

Witnesses:
FRANK S. BUSSER,
M. F. ELLIS.