

July 22, 1930.

W. L. KESSLER

1,771,046

BATHING SUIT

Filed April 18, 1929

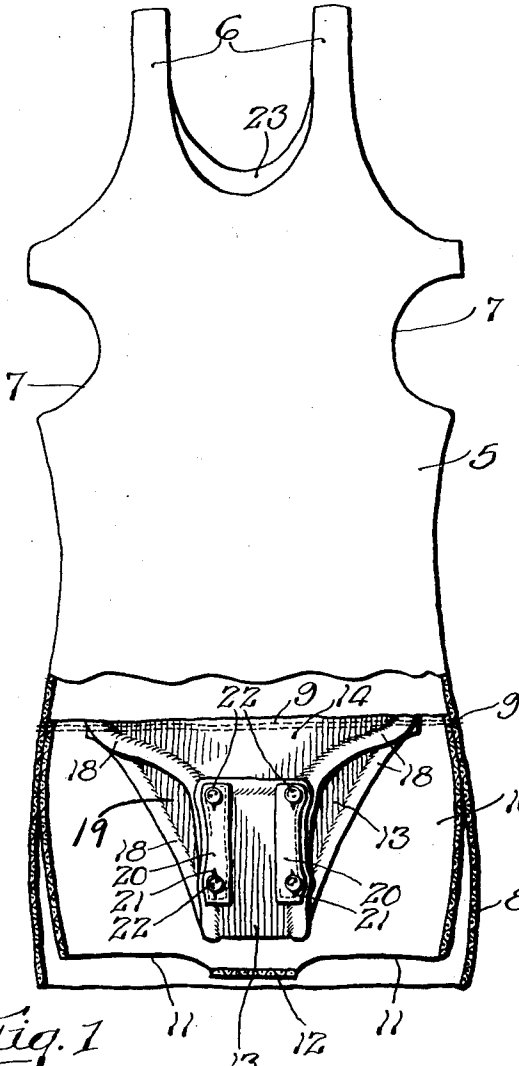


Fig. 1

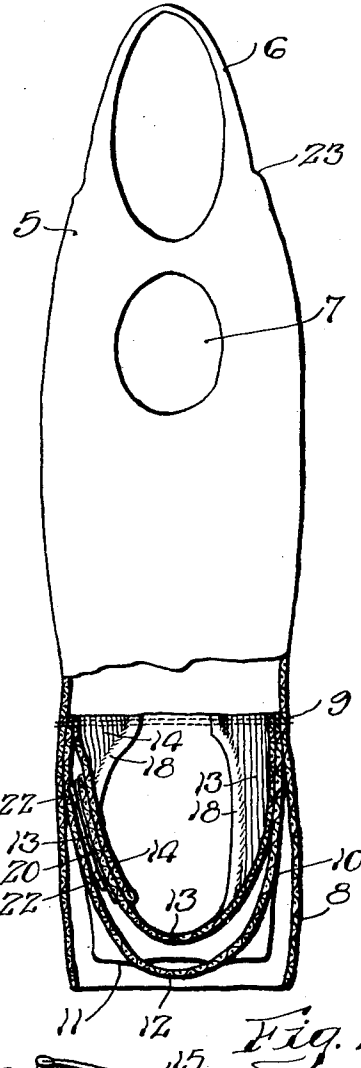


Fig. 2

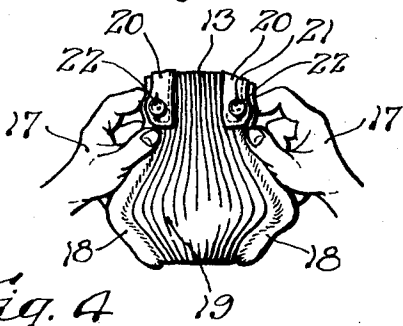


Fig. 4

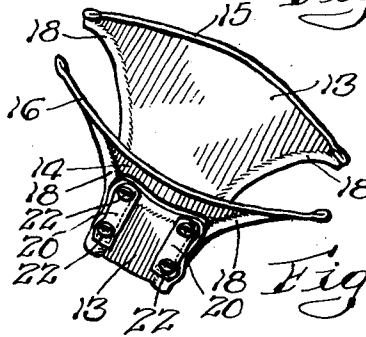


Fig. 3

Inventor:
William L. Kessler
By Chas. M. Nissen
Att'y.

UNITED STATES PATENT OFFICE

WILLIAM L. KESSLER, OF CHICAGO, ILLINOIS

BATHING SUIT

Application filed April 18, 1929. Serial No. 356,040.

My invention relates to suspensories particularly adapted to bathing suits, although it may have the general application.

One of the objects of my invention is the provision of a suspensory for the interior of a garment, which suspensory shall be stretchable laterally but resistant against upright or longitudinal pulls.

Another object of the invention is the provision of a suspensory device which shall have enlarged or widened ends diverging upwardly from the narrow crotch portion and connected to the waist line of the body portion of the garment in order to be supported from the shoulder straps of such garment.

A further object of the invention is the provision of a suspensory device the upper divergent ends of which shall be connected to the waist line of the garment and the intermediate crotch portion of the suspensory device made adjustable in length.

Other objects of the invention will appear hereinafter, the novel features and combinations being set forth in the appended claims.

In the accompanying drawings,

Fig. 1 is an elevational view partly in section of a bathing suit embodying my invention;

Fig. 2 is a side view, a part of which is in sectional elevation;

Fig. 3 is a perspective view of an adjustable suspensory device detached from the garment with which it is intended to be used; and

Fig. 4 is a front view of the crotch portion of a suspensory device with hands applied to illustrate the lateral stretching of the material of the suspensory device.

As shown in Fig. 1, the body portion 5 of a bathing suit is provided with upper shoulder straps 6, 6, and with openings at 7, 7. The skirt portion 8 may be of any length desired. At the waist line 9 is secured by means of suitable stitching a trunk or trousers portion of the bathing suit, such trunk or trousers portion being designated 10 in Figs. 1 and 2 and provided with openings 11, 11 for the legs of the person wearing the bathing suit. Between the openings 11, 11 is a gusset 12, which extends along the crotch. The up-

per ends of the gusset 12 may extend to the waist line at the front and at the rear.

The suspensory device shown in perspective in Fig. 3 may comprise two sections 13 and 14, the upper end of each of which is spread out or widened so as to secure elongated portions 15 and 16 for connection as by stitching to the upper edge of the trousers or trunk portion 10 and the waist line 9 of the body portion 5 of the garment. The material of which the sections 13 and 14 is preferably composed is recessed longitudinally, such as cloth or woolen goods or ribbed cotton goods which shall be stretchable laterally but adapted to resist longitudinal pulls. Such stretching is illustrated in Fig. 4, where the hands 17, 17 of the person putting on the garment may apply his fingers in such a manner as to secure widening at the crotch to secure a comfortable fit. Suitable supports 18, 18 may be provided at the lateral edges of the sections 13 and 14 of the suspensory device. The vertical ribbing is illustrated by the upright lines 19 in the various views.

While the sections 13 and 14 may be integral or in one piece, I prefer to make them in two pieces and button them together as illustrated in the drawings. For this purpose reinforcing straps 20, 20 may be provided on the forward end or front end of the narrow crotch portion of the section 13 and buttonholes provided as indicated at 21, 21. Buttons, four of which are shown at 22, 22 in Fig. 1, may be secured to the front narrow portion of the section 14. It can readily be seen that the length of the suspensory device may be adjusted according to whether the upper buttonholes 21 are secured to the upper or lower buttons 22.

I prefer to have the adjusting means between the sections 13 and 14 so arranged that when the sections are buttoned together the suspensory device will be fastened above the gusset 12, as shown in Figs. 1 and 2. By reason of the laterally stretchable nature of the suspensory device a comfortable fit may be secured at the crotch and the connection with longitudinal pulls between the ends of the suspensory device will be resistant. By reason of the diverging or widened upper ends

of the sections 13 and 14 the pull from the body portion 5 of the garment will be distributed over a wide range at the waist line 9, and furthermore such diverging ends of the sections 13 and 14 will provide supports for the suspensory device from the shoulder straps 6, 6.

From the foregoing it will be seen that all of the parts of the bathing suit including the suspensory device may be permanently held together by stitching at the waist line 9. Prior to putting on the garment the sections 13 and 14 of the suspensory device may be buttoned together at the adjustment desired. When putting on the garment the feet and legs may be placed through the neck opening 23 and inserted through the openings 11, 11 of the trunk 10 and the body portion 5 pulled up, the arms inserted through the openings, the shoulder straps 6, 6 adjusted to the proper position, and the suspensory device finally fitted into comfortable position as illustrated in Fig. 4, with the skirt portion 8 of the bathing suit and the trunk 10 including the gusset 12 suspended freely from the waist line 9. While, as above explained, the longitudinal ribbing of the ribbed portions 13 and 14 will resist the pulls from the shoulder straps 6, 6 without any discomfort, the connections of the upper ends of the sections 13 and 14 of the suspensory device will be widely distributed at the waist line 9.

Obviously those skilled in the art may make various changes in the details and arrangement of parts without departing from the spirit and scope of the invention as defined by the claims hereto appended, and I desire therefore not to be restricted to the precise construction herein disclosed.

Having thus fully described and shown an embodiment of my invention, what I desire to secure by Letters Patent of the United States, is:

1. In a bathing suit, the combination with a body portion having shoulder straps, of a suspensory device diverging upwardly from both ends of the crotch, and means securing the ends of such suspensory device to the body portion adjacent the waist line to secure support from said shoulder straps.

2. In a bathing suit, the combination with an upper body portion having shoulder straps, of a lower trunk portion having its upper waist edge secured to said body portion to form substantially a continuation of said body portion, a suspensory device diverging upwardly from the crotch portion and being attached both at the front and at the rear to said trunk and body portion substantially at said waist edge to secure support from said shoulder straps.

3. In a bathing suit, the combination with a body portion having shoulder straps and a trunk portion, of a suspensory strap secured to said parts at the waist line thereof

to secure support from said shoulder straps and constructed to yield to lateral stretching but to resist longitudinal pulls, and means for adjusting the length of such suspensory strap.

4. In a bathing suit, the combination with a body portion, of a trunk permanently secured to the body portion at the waist line, said trunk having a gusset at the crotch between the openings for the legs of the person wearing the suit, and a suspensory strap permanently secured at its upper ends to said body portion approximately at the waist line, the said strap being divergent from the crotch portion for securing to said body portion of the suit with the crotch portion of the strap spaced above said gusset.

5. In a bathing suit, the combination with a body portion having shoulder straps, of a trunk having a gusset at the crotch and permanently secured to said body portion at the waist line, and a suspensory strap having a narrow crotch portion and widened upper ends secured to said trunk and body portion at said waist line with the said crotch portion spaced above said gusset.

6. In a bathing suit, the combination with a body portion having shoulder straps, of a trunk secured to said body portion and having a gusset, and a suspensory strap within said trunk and spaced above said gusset, said suspensory strap being arranged at its upper ends to extend under vertical lines from the said shoulder straps, and said strap being composed of ribbed cloth to resist longitudinal pulls from the shoulder straps but yielding to lateral stretching at the crotch.

7. In a bathing suit, the combination with a body portion having shoulder straps, of a trunk portion secured thereto at the waist line, and a suspensory strap secured to the said body portion at such waist line to suspend the same from said shoulder straps and spaced above the crotch portion of said trunk, said strap comprising two pieces each having widened upper ends and overlapping adjustably connected narrow lower ends in front of the crotch, and each piece being of ribbed cloth to resist longitudinal pull from the shoulder straps but yielding to lateral stretching while being adjustably connected at the crotch.

In testimony whereof I have signed my name to this specification on this 16th day of April, A. D. 1929.

WILLIAM L. KESSLER.