

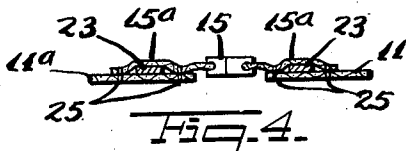
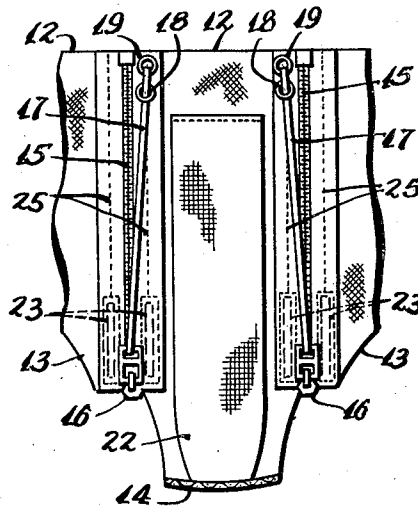
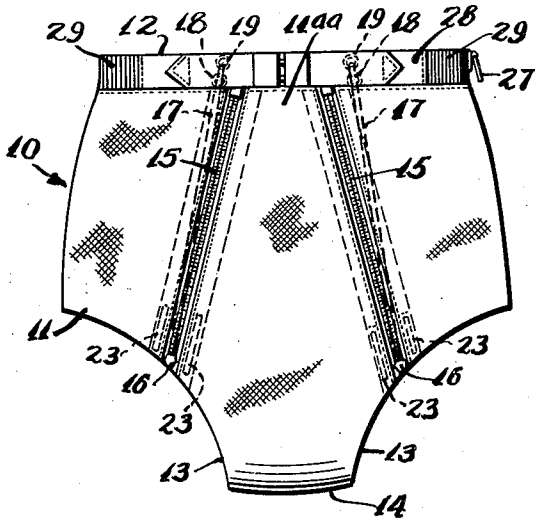
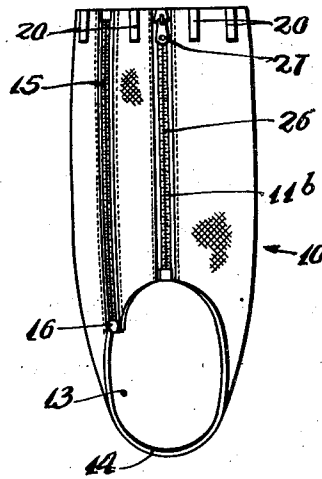
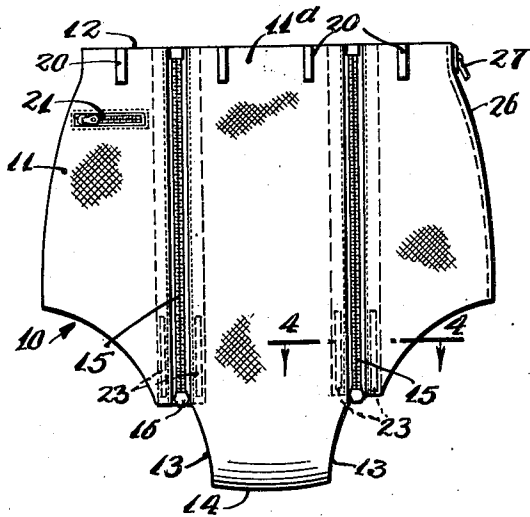
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E. KOPYTO

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SLIDE FASTENER ARRANGEMENT FOR BATHING SUITS

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SLIDE FASTENER ARRANGEMENT FOR
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Application November 22, 1940, Serial No. 366,518

1 Claim. (Cl. 2-67)

This invention relates to new and useful im-
provements in bathing suits, and has more par-
ticular reference to a slide fastener arrangement
by which the bathing suit may be removed from
beneath the clothing of a wearer.

A bathing suit constructed in accordance with
this invention may be worn beneath clothing
when dry and may be removed at the beach
after swimming by donning a pair of trousers
and then operating the suit so that it may be
pulled out from the top of the trousers.

More specifically, the invention proposes to
characterize the bathing suit by a pair of bath-
ing trunks having a body encircling portion with
a top edge and a pair of leg openings and a crotch
portion at the bottom edge thereof. It is pro-
posed that the body encircling portion have a
free section extending from the crotch portion
and leg openings to the top edge of the trunks.
It is further proposed to provide slide fasteners
securing the free section to the other section of
the body encircling portion and provided with
control slides, and means for operating the slides
exteriorly of trousers, or other clothing worn
over the bathing suit.

More specifically, it is proposed to provide
cords attached to the control slides and extend-
ing to the edge of the trunks, which may be
pulled to open the slide fasteners.

Another object of the invention is the con-
struction of a device as mentioned which is sim-
ple and durable and which may be manufactured
and sold at a reasonable cost.

For further comprehension of the invention,
and of the objects and advantages thereof, refer-
ence will be had to the following description and
accompanying drawing, and to the appended
claim in which the various novel features of the
invention are more particularly set forth.

In the accompanying drawing forming a ma-
terial part of this disclosure:

Fig. 1 is a front elevational view of a bathing
suit constructed in accordance with this inven-
tion.

Fig. 2 is a side elevational view of Fig. 1.

Fig. 3 is a fragmentary rear elevational view
of the front portion of the suit shown in Fig. 1.

Fig. 4 is a fragmentary enlarged horizontal
sectional view taken on the line 4-4 of Fig. 1.

Fig. 5 is a front elevational view of a bathing
suit constructed in accordance with a modified
form of this invention.

The bathing suit shown in Figs. 1 to 4 inclu-
sive comprises a pair of bathing trunks 10 having
a body encircling portion 11 with a top edge 12

and with a pair of leg openings 13 and a crotch
portion 14 at the bottom edge thereof. Said
body encircling portion 11 has a free section 11^a
extending from the crotch portion 14 and the leg
openings 13 to the top edge 12 of the trunks 10.

Slide fasteners 15 extend along the side edges
of the free section 11^a and secure the free section
to the other section of the body encircling por-
tion 11. These slide fasteners 15 have control
slides 16 at one of the said edges of the trunks
10, namely as illustrated in Fig. 1 at the bottom
edge thereof. Cords 17 are attached to the con-
trol slides 16 and extend to the other of the
edges of the trunks, namely the top edge 12.

Means is provided for slidably supporting the
extended ends of the cords 17. This means com-
prises rings or loops 18 attached upon the mate-
rial of the trunks through which the cords 17
pass. The free ends of the cords 17 have support
rings 19 by which they may be conveniently
gripped and pulled.

The trunks 10 are provided along the top edge
12 with loops 20 for a belt. A customary pocket
21 is mounted upon an area of the trunks. The
customary athletic support 22 is mounted upon
the inner face of the free section 11^a of the body
encircling portion. The cords 17 extend along
the interior face of the trunks. The rings 18
are mounted upon the interior face of the trunks
near the top edge thereof.

Stiffening elements 23 are mounted upon the
material of the trunks 10 to the sides of the slide
fasteners 15 in the vicinity of the bottom edge
thereof. These stiffening elements prevent the
bottom edge portion of the trunks bending up-
wards when the cords 17 are pulled. This would
be objectionable as then the control slides 16
would not operate to open the slide fasteners 15.

The slide fasteners 15 comprise a pair of hook
strings 15^a mounted along the adjacent edges
of the free section 11^a and the other section of
the body encircling portion 11. The stringers
15^a are secured in position with lines of stitches
25. The stiffening elements 23 are engaged be-
neath stringers 15^a and are held in position by
the stitches 25.

The body encircling portion 11^a is open at one
side 11^b which is normally closed with a slide
fastener 26. This slide fastener has a control
slide 27 by which it may be opened.

In Fig. 5 a modified form of the invention
has been disclosed which distinguishes from the
prior form in several respects. The trunks 10
are provided with a belt 28 having elastic por-
tions 29 at certain areas. Moreover, the free

section 11^{aa} of the body encircling portion 11 is tapered at the sides from the bottom upwards. The slide fasteners 15 extend along the inclined sides of the tapered portion of the free section 11^{aa}. In other respects this form of the invention is similar to the previous form and like parts are identified by like reference numerals.

The operation of the bathing suit is as follows:

When the suit is off the slide fastener 26 is open and the slide fasteners 15 are closed. In this condition the suit may be engaged on a wearer. A person steps across the crotch 14, adjusts the trunks into position, and closes the open side 11^b with the slide fasteners 26.

When the suit is wet it may be removed from beneath clothing in the following manner: A pair of trousers or other clothing may be donned. Then the rings 19 are gripped and pulled so that the cords 17 pull the control slides 16 opening the slide fasteners 15. This frees the free section 11^a. The open bathing suit may now be pulled upwards and out from the trousers, or other garments.

While I have illustrated and described the preferred embodiments of my invention, it is to be understood that I do not limit myself to the precise constructions herein disclosed and the

right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claim.

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

In a pair of bathing trunks having an open side extending from its top edge to its bottom edge and closable by means of hook fasteners operable by a control slide normally located adjacent one of said edges in its closed position, a cord having one of its ends attached to said control slide and the other of its ends projected into the vicinity of the other edge of said bathing trunks to be pulled for moving said control slide to open said hook fasteners, and means for stiffening the edge of said bathing trunks adjacent which said control slide is located in the closed position of said hook fasteners preventing said edge from curling up when said cord is pulled to move said control slide, comprising stiffening elements extended along opposite sides of said hook fasteners adjacent the edge of said bathing trunks adjacent which said control slide is located in the closed position of said hook fasteners.

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