M. GREEN

TRUNK HOSE OF BATHING SUITS

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Fig. 1.

Fig. 2.

Fig. 3.
To all whom it may concern:

Be it known that I, Max Green, a citizen
of the Republic of Poland, and a resident of
Portland, county of Multnomah, and State
of Oregon, have invented a new and useful
Improvement in Trunk Hose of Bathing
Suits, of which the following is a specifi-
cation.

My improvement relates generally to the
trunk hose of bathing suits, whether con-
stituting an integral part of the suit, or a
separate part thereof; and my invention has
for its object a saving in the cost of manu-
ufacture, and the producing of a neat ap-
pearing, comfortably fitting garment.

Many bathing trunks are not properly
made. The leg portions have too loose a fit,
and tend to climb up on the thighs; and then
the trunk hose binds and becomes uncom-
fortable, especially so to swimmers and
divers.

Hence, one of the objects of my invention
is so to make the trunk hose that the leg por-
tions will have a snug fit, and in this way
be held against climbing up, and at the same
time so constructing the crotch of the trunk
hose as to prevent all binding effect.

As hitherto generally made, the trunk
hose had a piece inserted at the crotch.
Such insertion is undesirable for several
reasons. In the first place, the attendant
work consumes more or less time; further-
more, the seams of the insert break the elas-
ticity of the material as compared with a
single piece of knitted fabric, the seams also
impede the spring back of the goods which
is essential to keep the trunk hose in neat
shape.

My improvements will be readily un-
derstood by reference to other figures of the
accompanying drawings, of which:

Fig. 1 shows a blank of one of the two
pieces constituting the front and back of
my improved trunk-hose;

Fig. 2 shows these pieces sewed together,
the seams being indicated by broken lines; and

Fig. 3 shows, diagrammatically, a plan
section along the crotch line of the trunk
hose.

As mentioned, my improved bathing
trunk-hose is made of two pieces constitut-
ing front and back, both of the same pat-
ttern, as shown by e in Figs. 1 and 2, and ap-
proximately of the same size. These pieces
are cut with leg portions f, f' and are cut
out at g, to form the crotch k. The outer
edges of the pieces are cut with curves con-
forming to the lines of the body over the
hip. The front and back pieces are superim-
posed upon the other, their outer edges are
fastened together by seams k and l, as indi-
cated in Fig. 2; and the inner edges of the
leg portions f and f' are fastened together
by a seam j which extends crosswise at the
55 crotch k from one leg portion to the other.

The bottom edge of the crotch section is
cut with a downwardly projecting curved
portion as represented at k. The latter con-
struction provides a fullness at the crotch
70 when the trunk hose is worn, as diagram-
matically indicated by k' in Fig. 4.

The pieces are so cut that the ribs l there-
of extend vertically as indicated in the draw-
ings. Hence the elasticity of the material at
75 the crotch is unbroken, and the crosswise ex-
tending portion of the seam j gives a spring
back cooperating with the inherent elasticity
of the ribs l, thus permitting the crotch sec-
tion to stretch readily to the body when
90 worn, while at the same time both the ribs
and the crosswise extending portion of the
seam j tend to resist the stretching of the
material of the crotch section in a vertical
line, and serve to maintain a neat appear-
ance at the bottom edge of the crotch sec-
tion.

The leg portions f, f' are of such width
at the bottom as to maintain a close fit with
the thighs. Since in this way the leg por-
tions are securely held against crawling up
on the thighs, all binding at the crotch is
prevented.

Practical use of my improved trunk-hose
has proven that the described construction
takes care of all binding while in the water,
and insures comfort and freedom of motion
to the user.

All stitches in the seams are of the elastic
type, and are preferably made with two nee-
dles.

Preferably the seams are sewed with
worsted of the same color and fineness as
that of which the garment is made, using
one thread of worsted for each of the need-
dles, and two threads for the looper of the
sewing machine.

As well known, worsted has more elas-
ticity than cotton, and therefore would not
tend to snap or to break like the latter when
subjected to extra strain. Furthermore, the
use of worsted for sewing the seams elimi-
nates the fading and streaking of the garment at the seams as is common where the garment is sewn with cotton in whole or in part.

I claim:

In a bathing suit, a trunk hose, comprising a unitary front piece and a unitary back piece, each piece made of knitted fabric with the ribs thereof extending longitudinally of the garment, each of said pieces having leg portions tapering towards the bottom, the inner margins of which leg portions are connected in spaced relation by a transverse integral crotch portion, and substantially elastic stitches uniting the front and back pieces along their outer side and inner margins, the stitches uniting the inner leg margins extending across said integral crotch portion, the unitary formation of the front and back pieces and the form outline of each piece relative to the ribs of the fabric providing a gripping elasticity in the leg portions to restrain the up-crawling of such portions, and the transverse elasticity at the crotch portion while preventing longitudinal stretching at such portion at the same time provides a fullness to prevent binding on the wearer.

MAX GREEN.