

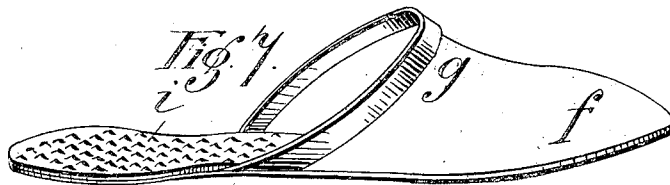
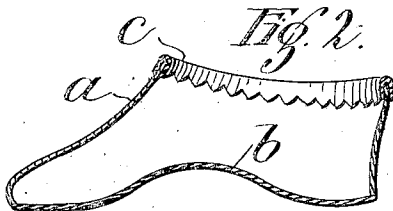
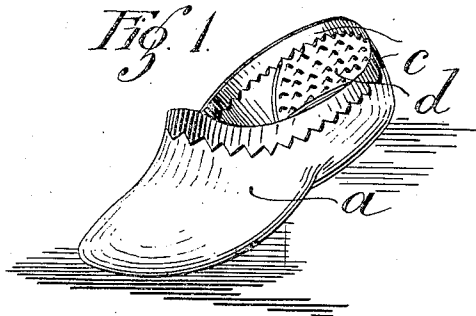
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M. M. DESSAU

1,491,086

SLIPPER

Filed Oct. 29, 1923



INVENTOR
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UNITED STATES PATENT OFFICE.

MORLAND MICHOLL DESSAU, OF LONDON, ENGLAND.

SLIPPER.

Application filed October 29, 1923. Serial No. 671,561.

To all whom it may concern:

Be it known that I, MORLAND MICHOLL DESSAU, a citizen of the United States of America, residing at London, England, have
 5 invented Improvements in or Relating to Slippers, of which the following is a specification.

The object of the present invention is to effect certain improvements in foot wear and is directed more particularly to the production of slippers for use by bathers whether in-doors or out-of-doors, such slippers, in the former case, ensuring a good foot hold at all times whilst standing in
 15 the bath and, in sea bathing for example, protecting the feet against damage or pain due to obstacles frequently encountered on the shore.

Foot wear according to the present invention comprises both an upper and a sole each made of crêpe or smoked sheet rubber or one of crêpe and the other of smoked sheet, the thicknesses of the various parts being appropriately chosen to suit the duties to be
 25 performed. The upper may comprise a complete golosh without straps or other suitable fastening means, and may be perforated or have parts removed. The upper, or individual parts of the upper, may be united to a relatively thick sole by a marginal member of crêpe rubber for example made to adhere to the under or upper side of the sole and to the inner or outer side of the upper or parts of the upper by means of a rubber cement or other adhesive substance.
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In some cases an inner as well as an outer rubber sole may be employed the two being spaced apart at localized regions by forming one or other with cross ribs, studs or the like, or interposing a skeleton or other separating member for the purpose of imparting resilience or stiffness to the whole. Preferably said separating means are also of rubber and if desired the inner and outer
 45 sole may be both so attached to a marginal uniting member of a depth constituting a container that a pneumatic sole results in which case filling material other than rubber, that may advantageously be spongy, may be employed including felt, wadding or the like, said material being effectively protected against the action of water or moisture.

The outer sole may be flat or have a heel.
 55 The rubber may be vulcanized in any suit-

able or known way but advantageously by the Peachey cold process.

The accompanying drawings illustrate several ways of carrying the invention into practice, Fig. 1 being a perspective view of a foot covering suitable for bathers for instance. Fig. 2 is a sectional view showing the form which a covering such as shown in Fig. 1 approximately assumes when the upper margin is stretched. Figs. 3 to 6 are detail sections of various ways of uniting an upper to a sole. Fig. 7 is a perspective view of another form of covering such as a bath slipper, and Fig. 8 is a fragmentary view of a modified detail of Fig. 7.
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In Fig. 1 *a* is an upper of crêpe rubber having a sole, shown at *b* in Fig. 2, of smoked plantation sheet, an external and internal marginal reinforcement *c* and a heel stiffener *d* or counter of smoked sheet. As made, the sole in lieu of being flat is naturally somewhat curved so as to present a convex surface interiorly. The act of inserting the foot and stretching of the margin *c* results in the sole having a tendency to arch inwards at the centre due to the transverse contraction of the waist of the slipper, and so fit the foot in a snug manner yet without tightness.
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The upper *a* may be secured to the sole *b* by a strip *e* of rubber in either of the ways shown in Figs. 3 to 6 respectively or in any analogous way.
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In Fig. 7 the slipper comprises a toe piece *f* or crêpe rubber with margin *g* united to a sole *h* of smoked sheet and having a sock lining *i* also of smoke sheet. The sock lining *i* which may be secured to the sole *h* by rubber latex can be replaced by a sole of any other suitable grade of rubber or of material rendered waterproof, Fig. 8 instancing a portion of an ordinary loofah which treated with latex may be secured to the sole.
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Further the bath slipper shown in Fig. 7 although shown without a heel support may be provided therewith if so desired.
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For swimmers, foot gear having perforated outer soles may be employed and in cases where good foothold is desirable an outer sole having slots or openings therein, and the whole being covered by an insole or layer of crêpe rubber may be employed.
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What I claim is:—

A slipper comprising a sole and an upper
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of highly elastic smoked sheet rubber, said sole being of a length greater than the distance between the heel and toe of the slipper and united with the upper so as to provide an intermediate inward arching of its surface, whereby when the edge of the foot-opening is distended by the entry of the foot into the slipper, the distance between the edge of the opening and the sole will be shortened, thus increasing the arch of the sole and causing it to closely fit the arch of the foot. 10

Signed at London, England, this 19th day of October, 1923.

MORLAND MICHOLL DESSAU.