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M. M. DESSAU

PILLOW, MARINE LIFE SAVING BELT, AND THE LIKE

Filed April 19, 1923

Fig 1.

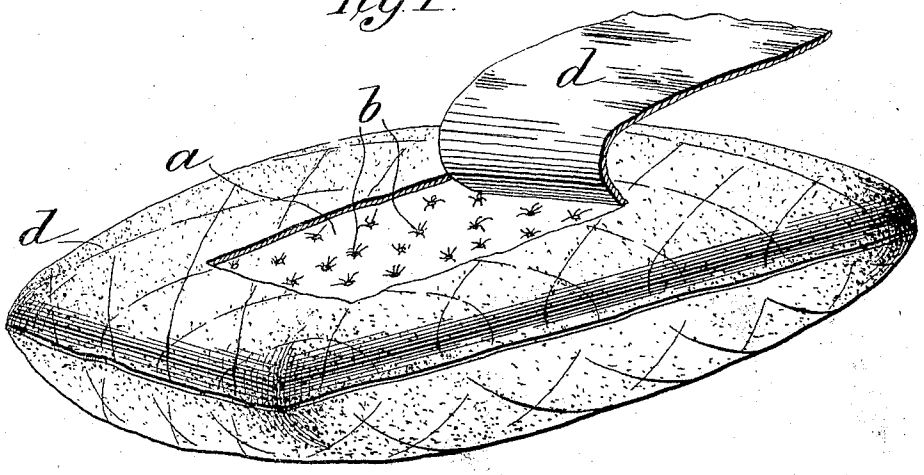
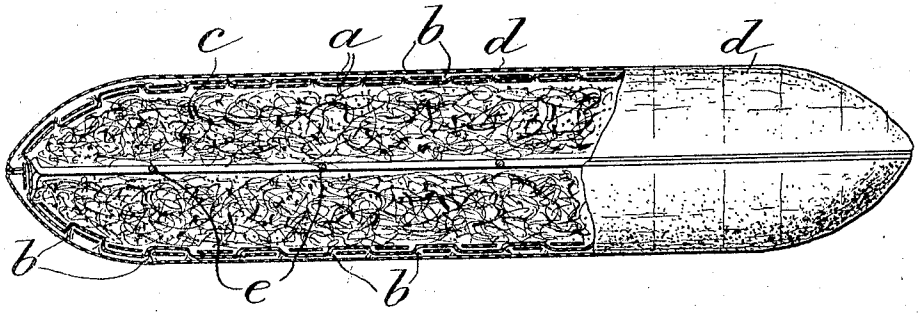


Fig 2.



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UNITED STATES PATENT OFFICE.

MORLAND MICHOLL DESSAU, OF LONDON, ENGLAND.

PILLOW, MARINE LIFE-SAVING BELT, AND THE LIKE.

Application filed April 19, 1923. Serial No. 633,288.

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 invented Improvements in or Relating to Pillows, Marine Life-Saving Belts, and the like, of which the following is a specification.

The present invention consists in the provision of an enclosing covering or envelope of material known as crêpe rubber, suitably perforated, for the purpose of confining kapok or like materials. By this means a pillow, cushion or seating can be produced which in use will maintain its original comfort-imparting qualities, the perforations, in conjunction with the natural roughness in texture of the crêpe rubber, acting to prevent the kapok or equivalent creeping about and packing. In other words the pillow or cushion has a pronounced degree of life not ordinarily maintained.

Kapok or like materials covered in this way will also act as an extremely efficient life belt, or the like.

The crêpe rubber in the case of a pillow may be raw, its general shape being preserved by the usual pillow case, or it may be subjected to treatment such as that of the so-called Peachey cold vulcanizing process.

While kapok has been specifically mentioned as a stuffing material, any of the usual sorts such as feathers, cotton waste, ground fibres, silk-paper and the like may be used.

In order to secure increased comfort and keep the materials in or towards the centre of the pillow or seating a strip or strips of rubber may be attached to the sides or ends or both the sides and ends of the envelope and drawn tautly across the interior of the envelope.

This method of construction imparts a hammock-like character to the pillow or equivalent giving increased comfort to head or body in repose.

By treating the material which enters the orifices of the covering or envelope with rubber solution or spirit such as naphtha, ether or the like the envelope can be made watertight.

If preferred, the envelope or covering, instead of being made of rubber in sheet form, may be made of interlaced strips of crêpe rubber, the interstices between the strips then taking the place of the perforations.

Pillows according to the invention are illustrated by way of example in the accompanying drawing, of which—

Fig. 1 is a perspective view of a sheet rubber pillow with a portion of the envelope removed; and

Fig. 2 is a longitudinal section of a pillow wherein the envelope is formed of interlaced strips.

In the figures *a* is the crêpe rubber cover with perforations or interstices *b*. *c* is the stuffing, tufts of which work partially through the perforations, and *d* the pillow case or outer cover, which may be of any suitable material. In Fig. 2 *e* represents strips of rubber extending between the sides and ends of the pillow and embedded in the stuffing material.

Where a watertight envelope is not required the ends may be fastened in any suitable way as by means of loops through which a strip of rubber or a rod of any flexible or rigid material may be passed for the purpose of locking the envelope, or cords may be employed which permit of slackening, so as to give easy access to the interior.

What I claim is:—

1. A device of the kind herein referred to, comprising an envelope of crêpe rubber sheet having interstices distributed over its surface and a filling of stuffing material confined thereby, tufts of which filling work partially through the interstices, substantially as described.

2. A device of the kind herein referred to, comprising an envelope of strips of crêpe rubber sheet interlaced so as to leave interstices in the envelope and a filling of stuffing

material confined thereby, tufts of which filling work partially through the interstices, substantially as described.

3. A device of the kind herein referred to, comprising an envelope of crêpe rubber sheet having interstices distributed over its surface and a filling of stuffing material confined thereby, tufts of which filling work partially through the interstices, the said envelope being rendered watertight by the application to the material of a waterproofing medium which enters the interstices, substantially as described.

Signed at London, England, this 23rd day of March, 1923.

MORLAND MICHOLL DESSAU.