March 11, 1941. M. E. SISTIG 2,234,506

LAY PILLOW

Filed Oct. 17, 1938

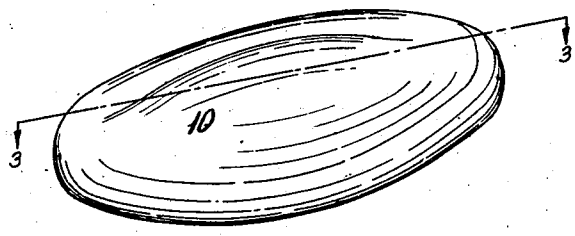


FIG. 1.

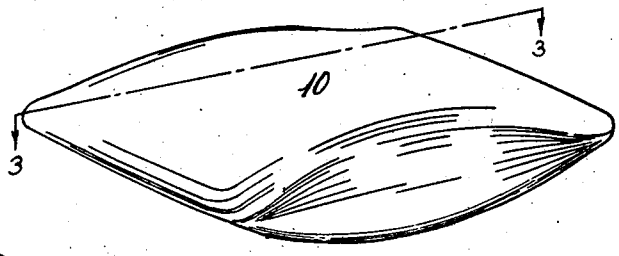


FIG. 2.

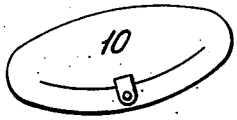


FIG. 4.

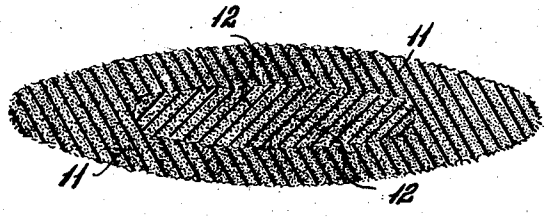


FIG. 3.



FIG. 5.

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LAY PILLOW

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1 Claim. (Cl. 5—327)

This invention relates to lay pillows.

One of the objects of the invention is to provide a pillow affording a degree of yieldability, yet to a great extent preserving its original conformation.

A further object is to provide a pillow susceptible of ready cleansing and sterilization.

A further object is to provide a pillow having non-slipping exterior surfaces, and which may be used without irritation to the user.

My invention consists in the construction, arrangement, and combination of elements hereinafter set forth, pointed out in my claims, and illustrated by the accompanying drawing, in which—

Figure 1 is a perspective view of an embodiment of my invention, illustrating one desirable shape of the pillow. Figure 2 is a perspective view of another embodiment of my invention, the pillow being of a different shape from that shown in Figure 1. Figure 3 is a vertical cross section taken along the line 3—3 of either Figure 1 or Figure 2. Figure 4 is a view similar to Figure 1, on a reduced scale, illustrating an alternative embodiment of the invention. Figure 5 is a fragmentary, detail section illustrating interior construction of the embodiment shown in Figure 4.

Pillows of this character are primarily designed to be placed under the hips of a woman during administration of a douche, for elevation of the hips and consequent relaxation of the internal organs and muscles, but are also frequently employed by invalids, and in cases where the user has sustained an injury, or is suffering from an infirmity, the use of the pillow in such cases maintaining the body in a comfortable position, or relieving strains which would otherwise be present. However, the construction of my improved pillow differs from that usually employed, in that my pillow comprises a shell, of material having considerable resiliency, such as crepe rubber, and which at the same time provides non-slipping exterior surfaces, together with a core which, while preferably resilient, is of material, such as sponge rubber, less resilient than the shell.

The design which I employ thus permits the use of materials which are desirable for the purpose, which are susceptible of ready cleansing and sterilization, and which afford obvious advantages in use as compared with conventional devices of the same character. It will also be apparent that the form of construction which I employ is adapted for economy in manufacture, and provides a pillow which may be used over a long period of time.

Referring to the drawing:

The pillow is designated as a whole by the reference numeral 10 in Figures 1, 2, and 4. Referring to Figure 3, I provide a shell 11, which as above stated may be of crepe rubber and which is consequently of considerable resiliency, and which affords exterior surfaces suitable for the intended use. Within this shell 11 I dispose a core 12, which as above stated may be of sponge rubber, substantially less resilient than the material of which shell 11 is composed.

In manufacture, the core may be first formed, and the shell thereafter formed around said core, in accordance with methods well known in the manufacture of rubber articles, thus providing a unitary structure. However, as indicated in Figures 4 and 5, the shell and core may conveniently be formed separately, the shell being formed with a suitable opening for insertion of the core; said opening may be securely closed in any suitable manner, as by means of a detachable tab, after the insertion of the core, if desired. However, such opening may be sufficiently small that the core after insertion may be normally held in place by the resiliency of the material, without permanent closure of the opening; in this latter case the core may be removed when desired to facilitate cleansing and sterilization.

The pillow as a whole may of course be of any desirable shape. The shell and core may be dimensioned, and proportioned relative to each other, in accordance with the relative resiliency of the materials employed, the central portion of the pillow preferably being of less yieldable construction than the portions adjacent the margins, to insure desired thickness under weight compression, this being accomplished by making the shell, or core, or both, somewhat thicker in vertical cross section in the central portion of the pillow.

It will thus be apparent that my pillow may be constructed in accordance with numerous designs, at the same time preserving the advantages deriving from the essential features hereinabove mentioned.

Since many changes, variations, and modifications in the specific form, construction, and arrangement of elements shown and decribed may be had without departing from the spirit of my invention, I wish to be understood as being limited solely by the scope of the appended claim, rather than by any details of the illustrative showing and foregoing description.

I claim as my invention:

A lay pillow comprising a centrally-thickened, sponge rubber core, a relatively more resilient, thick-walled sponge rubber shell adapted to receive and entirely envelop said core, and an opening in said shell for the insertion and removal of said core.

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