Dec. 29, 1953 K. E. MIRA 2,663,881

ADJUSTABLE FILLERLESS STRETCHED PILLOWS

Filed Feb. 4, 1952

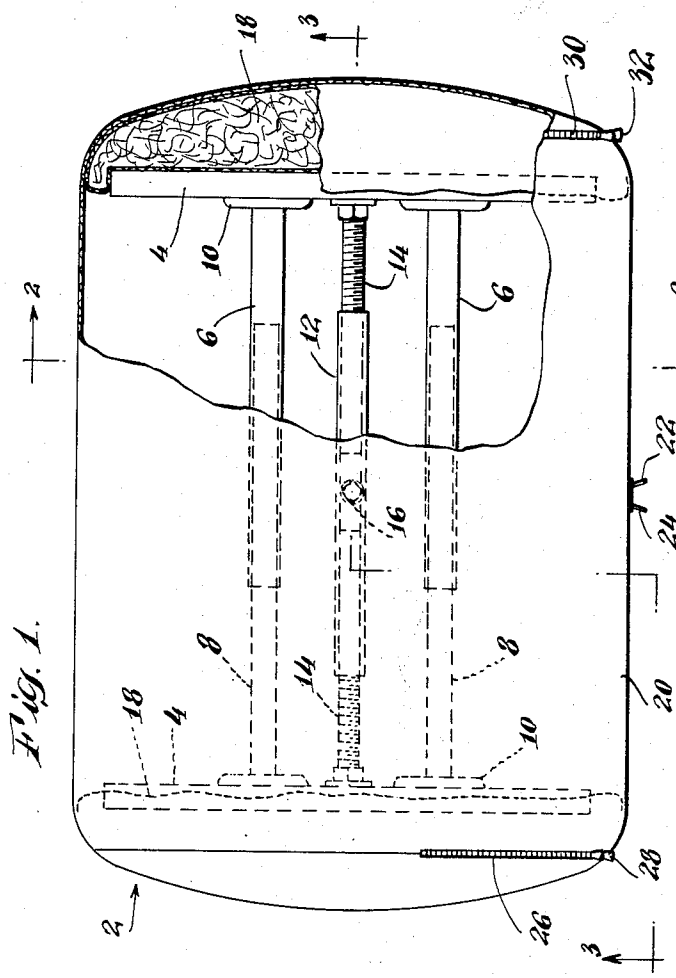


Fig. 1.

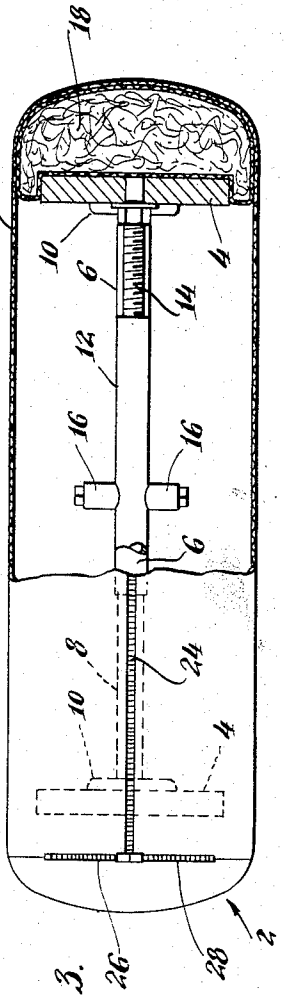


Fig. 3.

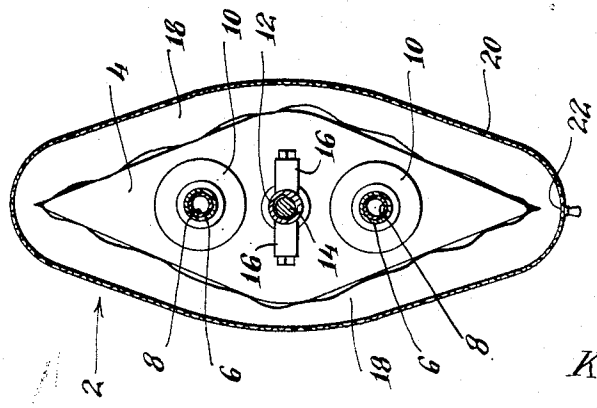


Fig. 2.

INVENTOR.
Karl E. Mira
BY Henry J. R. Mosher
ATTORNEY.

Patented Dec. 29, 1953

2,663,881

UNITED STATES PATENT OFFICE

2,663,881

ADJUSTABLE FILLERLESS STRETCHED PILLOWS

Karl E. Mira, Rego Park, N. Y.

Application February 4, 1952, Serial No. 269,720

1 Claim. (Cl. 5—337)

1

The present invention relates to improvements in pillows and, more specifically, to hollow pillows which are not filled with feathers or any other upholstery material.

Hollow pillows have the advantage over filled pillows that the accumulation of germs and dust is reduced to a minimum and that they do not cause perspiration because the body heat of the head of a person will not be accumulated and/or reflected by feathers and the like. Therefore, this type of pillow is preferred by people who suffer from sinus trouble or who for any other reason are sensitive to the heat caused by, or the germs and dust accumulated in the fillings of ordinary pillows. Moreover, hollow pillows permit the insertion of Dry Ice, ice bags or other cooling media into the pillow, so that hollow pillows are specifically well adapted for use in hospitals and/or in hot or tropical regions.

One object of the present invention is the provision of a hollow pillow which has substantially the same outer appearance as an ordinary pillow due to the fact that it is all around soft and closed, and which is adjustable, so that it will be suitably yielding or compressible to promote the convenience of the user.

A further object of the invention is to provide a pillow of the above mentioned character which may be readily collapsed for the purpose of shipment, and the parts of which can be readily separated for cleaning, sterilizing or other purposes.

A further object of the invention is to provide a pillow of the above mentioned character which is simple in construction, cheap to manufacture and easy to manipulate.

With the foregoing and other objects is view which will appear as the description proceeds, the invention consists of certain novel details of construction and combinations of parts hereinafter more fully described and pointed out in the claim, it being understood that changes may be made in the construction and arrangement of parts without departing from the spirit of the invention as claimed.

In the accompanying drawing a preferred form of the invention has been shown.

In said drawing:

Figure 1 is a plan view of a preferred embodiment of my invention;

Fig. 2 is a sectional view on the line 2—2 of Fig. 1; and

Fig. 3 is a sectional view on the line 3—3 of Fig. 1.

Similar reference characters refer to similar parts throughout the several views.

2

In the drawing the numeral 2 denotes a pillow constructed in accordance with the present invention. It has a pair of plates 4, each of which preferably has a parallelogram-like outline, and the plates 4 are being kept parallel to each other and in spaced relation to one another by means of tubular members 6 and 8, secured to the plates 4 by means of flanges 10, and an internally threaded pipe 12 which is screwed upon portions of threaded spindles 14. The latter are extended toward each other from the center portions of the plates 4. Radially from the pipe 12 extend handle portions 16 for facilitating the turning of the pipe 12 relatively to the spindles 14.

One of the spindles 14 is provided with a right-hand thread, while the other spindle 14 has a left-hand thread, and one portion of the inner side of the pipe 12 has a right-hand thread, while the other portion thereof has a left-hand thread. Thus by turning the pipe 12, the plates 14 can be moved toward each other or away from one another, thereby the parts 8 sliding telescopically in the members 6.

Padding material 18 or any suitable cushioning means are removably provided at those sides of said plates which are opposite to the sides of said plates which face each other, and an envelope 20 encompasses the parts 4, 6, 8, 10, 12, 14, 16 and 18. Portions of the padding material 18 preferably encompass the edges of the plates 4, as may be seen in Figs. 1 and 3, so that there will be no hard portions at the ends of the pillow. The envelope 20 preferably is provided with one or more openings, which normally are closed by means of slide fasteners 22, 24, 26, 28, 30 and 32, so that the envelope 20 can be opened or removed easily and quickly. The tension of the envelope can be adjusted by turning the handle portions 16 of the pipe 12, so that the envelope will be stretched more or less according to the needs and likings of the user. The pillow 2 can be inserted into an ordinary pillow case (not shown).

Since certain changes may be made in the above article and different embodiments of the invention could be made without departing from the scope thereof, it is intended that all matter contained in the above description or shown in the accompanying drawing shall be interpreted as illustrative and not in a limiting sense.

It is also to be understood that the following claim is intended to cover all of the generic and specific features of the invention herein described, and all statments of the scope of the invention which as a matter of language might be said to fall therebetween.

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

A fillerless pillow comprising a pair of longitudinal plates in spaced relation to each other, at least one first member perpendicularly extending from that side of the first one of said plates which faces the second plate, at least one second member extending from the second plate and being slidable in said first member, a pair of threaded spindles extending from the center portions of those sides of said plates which face each other, an internally threaded hollow member being screwed upon portions of said spindles, handle means radially extending from said hollow member, cushioning means provided at the edge portions and at those sides of said plates which are

opposite to the sides of said plates which face each other, and an envelope encompassing said plates, said members, said spindles and said cushioning means; said envelope having an opening for facilitating access to said handle means, and closure means being provided on said envelope for closing said opening.

KARL E. MIRA.

References Cited in the file of this patent

UNITED STATES PATENTS

Number	Name	Date
997,813	Hengel et al.	July 11, 1911
1,082,171	Rahn	Dec. 23, 1913
2,314,771	Compton	Mar. 23, 1943