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H. C. FOLLIS

2,254,603

CUSHION

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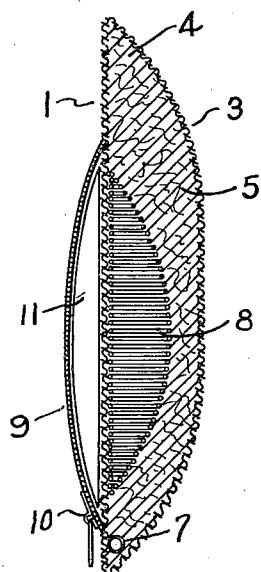


Fig. 2.

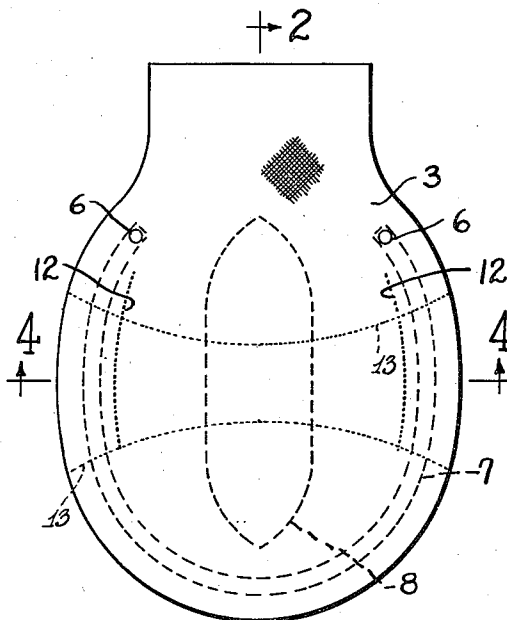


Fig. 1.

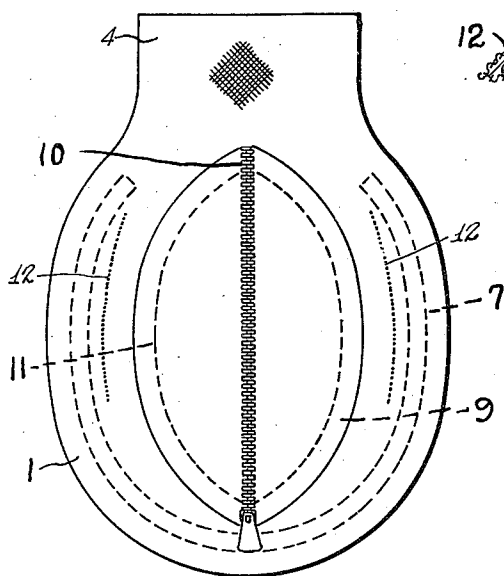


Fig. 3.

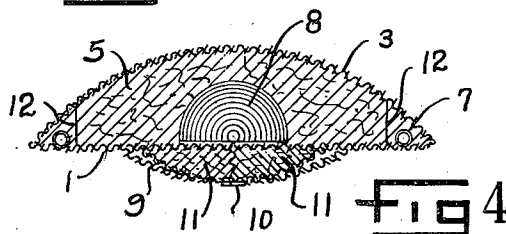


Fig. 4.

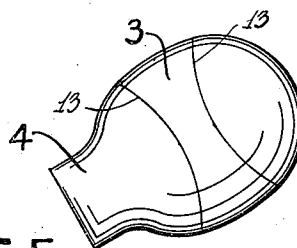


Fig. 5.

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CUSHION

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3 Claims. (Cl. 5—327)

This invention relates to a cushion.

An object of the invention is to provide a novel type of cushion specially designed for improving the posture of the user and for correcting abnormal shapes acquired by the body.

Another object of the invention is to provide a cushion that may be used without discomfort.

A further feature of the invention resides in the provision of means for permitting circulation of air through the cushion without detracting from the resiliency of the cushion.

It is a further object of the invention to provide a cushion of the character described which is provided with means for receiving a removable supplemental pad for increasing the thickness of the cushion if desired.

With the above and other objects in view the invention has particular relation to certain novel features of construction, arrangement of parts, and use, an example of which is given in this specification and illustrated in the accompanying drawing, wherein:

Figure 1 shows a top plan view of the cushion.

Figure 2 shows a sectional view taken on the line 2—2 of Figure 1.

Figure 3 shows a bottom plan view, and

Figure 4 shows a cross-sectional view taken on the line 4—4 of Figure 1.

Figure 5 shows a perspective view.

Referring now more particularly to the drawing wherein like numerals of reference designate the same parts in each of the figures, the numeral 1 designates the under fabric of the covering which, in plan, is approximately elliptical but which, at one end, has the extension 4 which is reduced in width. The top fabric 3 is of the same general outlines as that of the bottom fabric 1, said top and bottom fabrics being secured together at their margins in any preferred manner. A closed sack is thus formed which when filled as hereinafter described will present a plane, flat, underside and an oval upper side as shown in Figures 2 and 4, the extended end, which is reduced in width, forming a neck piece 4.

The sack is substantially filled with suitable soft material 5 such as loose cotton, wool or any selected filler.

Adjacent the neck piece 4 the top fabric 3 is provided with openings 6, 6 and an approximately U-shaped coil spring 7 leads from one opening around the margin of the cushion to the other opening as shown in Figure 1 thus providing for the circulation of air around through the cushion without reducing its resiliency.

Within the cushion there is also a coil spring 8. This spring is located approximately midway between the side margins of the cushion and its ends are spaced from the corresponding ends of the cushion. It is of a maximum transverse diameter which is about one-half of the maximum thickness of the cushion as shown in Figures 2 and 4 and it tapers each way to an apex. Its bottom is flat and lies upon the bottom fabric 1 as shown in Figure 4. It is provided to promote circulation of air through the cushion.

Fastened to the bottom fabric 1 there is a fabric pocket 9 substantially elliptical in shape. This pocket may be opened and closed by the Zipper 10. It may be allowed to remain empty; or, if the pillow is not of the thickness desired by the user a supplemental pad, or pads, as 11 may be inserted into the pocket, as shown in Figure 4, and the pocket closed. These pads are of a combined shape to conform to the shape of and to fit closely within the pocket and they are formed of suitable yieldable material.

In use the pillow may be placed on a pad with its convex side upwardly so as to be positioned underneath the shoulders of the user with the neck piece 4 lying underneath the neck. When so used persistently it will form a great aid in correcting stooped shoulders and in correcting a misshapen neck; the extended oval neck piece will hold the head in a rearward position, while the cushion is in use thus stretching the front portion of the neck and reducing or completely removing the tendency to a double chin. However, the cushion may be positioned underneath any portion of the body as the necessities of the case may require and will be found to be very comfortable in use.

The ends of the coil spring 7 may be retained in their proper place by means of stitching 12 illustrated in Figures 2, 3 and 4 and the sections of the fabric covering may be stitched together by means of the stitching 13.

The drawing and description is illustrative and not intended to limit the invention beyond that defined by the appended claims.

What I claim is:

1. A cushion having a flexible covering, said cushion being formed substantially flat on its underside and convex on its upper side and terminating, at one end, in a narrow neck piece, a U-shaped coil spring within, and extending around the margin of, the cover and forming a conduit whose free ends terminate in openings through the cover, a relatively soft filler for the cover, a

coil spring located within and extending longitudinally of the cover and partly surrounded by the filler, said coil spring being gradually reduced in diameter from its center and terminating in apexes at its ends.

2. A cushion having a flexible covering and formed substantially flat on its underside, said cushion having an end extension which is reduced in width, the upper side of the cushion being convex from side margin to side margin and from end to end, a U-shaped coil spring within, and extending around the margin of, the cover, and forming an air conduit whose free ends terminate in openings through the cover on opposite sides of the end extension and a relatively soft filler for the cover.

3. A cushion having a flexible covering and

5 formed substantially flat on its underside, said cushion having an end extension which is reduced in width, the upper side of the cushion being convex from side margin to side margin and from end to end, a U-shaped coil spring within, and extending around the margin of, the cover, and forming an air conduit whose free ends terminate in openings through the cover on opposite sides of the end extension, a relatively soft filler for the cover, a coil spring located within and extending longitudinally of the cover and partly surrounded by the filler, said coil spring having a flange underside and being gradually reduced in diameter from its center and terminating in apexes at its ends.

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