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HEADREST

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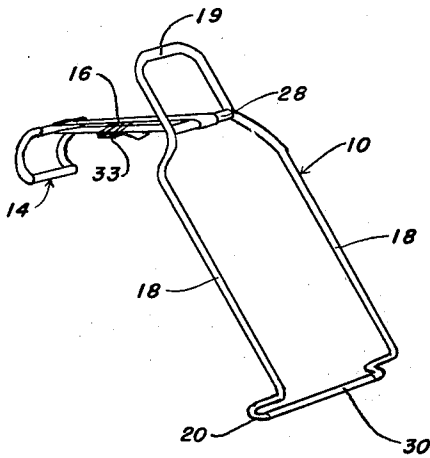


FIG. 1

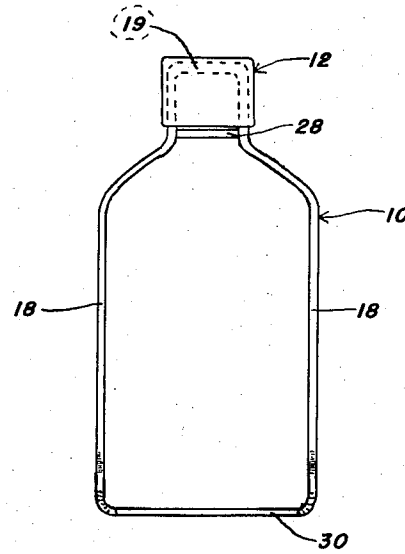


FIG. 2

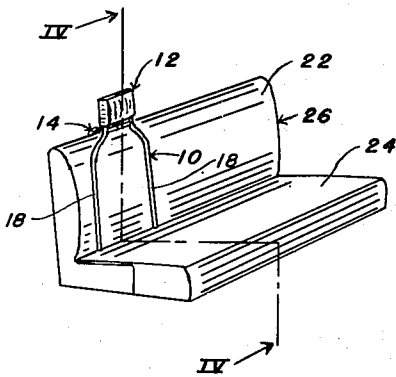


FIG. 3

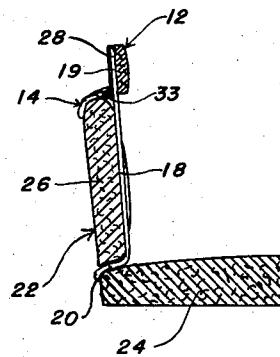


FIG. 4

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HEADREST

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2 Claims. (Cl. 155—174)

1

The present invention relates to head rests, and although it is adapted for general use with chairs and seats of all kinds and description, it is particularly designed for use as a head rest for passengers of an automobile.

The principal object of the present invention is to provide a head rest which projects above the top of the vertical member of a chair-type seat so as to provide a support for the head of a person sitting on the seat. Accordingly, it is possible for such person to comfortably recline his head against this head rest without imposing a strain on his back or neck. This head rest is particularly useful on long motor trips when passengers wish to doze or sleep while sitting in an upright position.

It is another object of this invention to provide a head rest which is readily securable to and detachable from, the vertical member of the seat, and yet which will remain securely anchored in place while in use.

A further object of this invention is to provide a head rest which requires no screws, bolts, nuts or the like, to maintain it in place.

Another object of this invention is to provide a head rest which is simple of construction and inexpensive to manufacture.

Other objects and advantages of the present invention will be apparent from the following detailed description of a preferred embodiment of the invention, taken in conjunction with the following drawings, wherein:

Figure 1 is a perspective view of the head rest of the present invention with the cushion removed.

Figure 2 is a fragmentary front view of the head rest showing the manner whereby the head-supporting cushion may be mounted.

Figure 3 is a perspective view showing the head rest attached to a seat in operative position.

Figure 4 is a side sectional view taken on a line indicated by arrows IV—IV in Figure 3.

Referring to the drawings, the novel head rest of my invention comprises broadly a frame, generally designated 10, preferably formed of wire rod; a cushion, generally designated 12, which is carried by the upper portion of the frame 10; an anchor member 14, and a flexible element, such as strapping 16, connecting the upper portion of the frame 10 and the anchor member 14.

The frame 10 preferably comprises a pair of spaced side elements 18 which are bent toward each other at their upper portions and thence into a generally rectangular section, which forms a support 19 for the cushion 12. As shown particularly in Figures 1 and 4, the bottom portion

2

of side elements 18 are curved so as to be insertable into the space between the horizontal and vertical members of the seat, generally designated 22, which members are designated 24 and 26, respectively. It should be particularly noted that the extremity of the curved bottom portion is bent downwardly into a sharp reverse curve, as indicated at 20, which curve is adapted to be hooked behind the rear of the horizontal seat member 24, whereby the lower portion of the frame 10 will be locked against forward movement. Preferably, an upper cross-bar 28 and a lower cross-bar 30 will be rigidly secured to the side element 18, as by welding. As shown particularly in Figures 3 and 4, the frame 10 is adapted to be positioned adjacent to the front of the vertical member 26 with the cushion support 19 and the cushion 12 extending above the top of member 26.

Although the cushion 12 may be permanently secured to the cushion support 19, it is desirable that it be easily removable therefrom for cleaning. Preferably, as shown in Figure 4, the cushion will include a pocket 28 at its rear portion wherein may be inserted the cushion support 19. I have found that a cushion formed of an outside covering of plastic or cloth with a padding of foam rubber, kapok or feathers to be very satisfactory.

In order to secure the frame 10 in close proximity to the front of the vertical seat member 26, I have provided an anchor member 14, which conforms generally to the rear upper portion of member 26, whereby it may be hooked thereover, as shown in Figure 4. An adjustable strap 16, having a buckle 33, may be used to connect this anchor member 14 with the upper portion of the frame 10 at the upper cross-bar 28. It will be understood, however, that other means may be substituted which will accomplish the same result. By way of example, a hook securable to the bottom rear portion of the vertical seat member 26 could be connected to the upper portion of the frame 10 as by elastic cord or webbing.

To position the head rest in place it is only necessary to first insert the curved lower portion of the side elements 18 into the space between seat members 24 and 26, the sharp curve 20 being hooked behind the rear of the horizontal seat member 24, as shown in Figure 4. Next, the anchor member 14 may be hooked over the rear of seat member 26 and the adjustable strapping 16 tightened so as to draw the frame 10 into close proximity to the front of member 26. It will be noted that once the strapping 18

3

is tightened, the curve 20 will lock the lower portion of the frame against forward movement. The head rest may be readily removed by loosening the strapping 16 and tilting the top of the frame forward until the curve 20 is clear of the rear of the horizontal seat member 24.

It will be apparent to those skilled in the art that various modifications and changes may be made without departing from the spirit of the invention or the scope of the appended claims.

I claim:

1. A head rest for use with a chair-type seat, comprising: a frame having a pair of spaced side elements which merge into a cushion support at their top portions, their bottom portions being curved so as to be insertable into the space between the horizontal and vertical members of said seat, the extremity of these curved portions being sharply bent downwardly so as to be hookable behind the rear of the horizontal seat member; a cushion carried by said cushion support; an anchor member securable to the rear of the vertical member of said seat; and a flexible element for connecting the upper portion of said frame and said anchor member so as to maintain said frame in close proximity to the front of the vertical member of said seat with said cushion support extending above the top of said vertical member.

4

2. A head rest for use with a chair-type seat, comprising: a frame having a pair of spaced side elements which merge into a cushion support at their top portions, their bottom portions being curved so as to be insertable into the space between the horizontal and vertical members of said seat, the extremity of these curved portions being sharply bent downwardly so as to be hookable behind the rear of the horizontal seat member; a cushion carried by said cushion support; an anchor member curved so as to conform generally to the rear upper portion of the vertical member of said seat whereby it may be detachably secured thereto; and adjustable strapping for connecting the upper portion of said frame and said anchor member so as to maintain said frame in close proximity to the front of the vertical member of said seat with said cushion support extending above the top of said vertical member.

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