March 4, 1958 G. A. JORGENSEN ET AL 2,825,069

HEADREST FOR USE IN A BATHTUB

Filed Nov. 30, 1954

FIG. 1

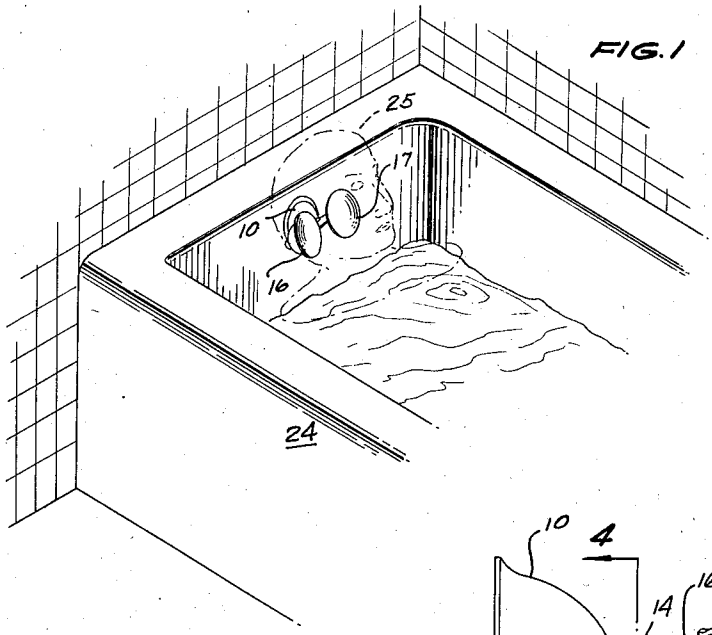


FIG. 2

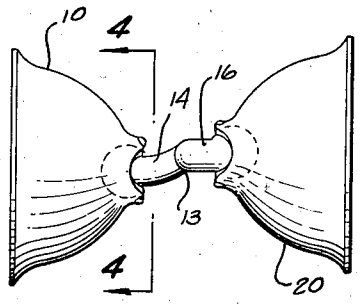


FIG. 4

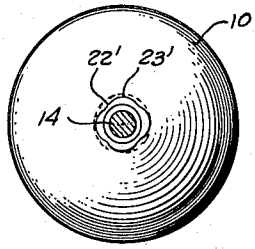
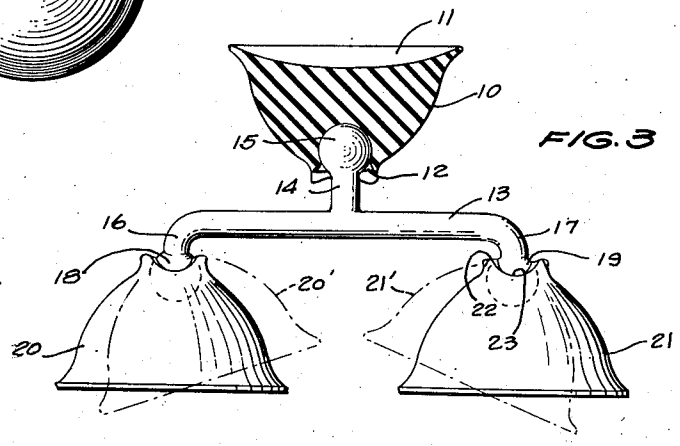


FIG. 3



INVENTORS
OLIVE H. JORGENSEN
GILBERT A. JORGENSEN
BY
McMorrow, Berman & Davidson
ATTORNEYS

United States Patent Office 2,825,069 Patented Mar. 4, 1958

2,825,069

HEADREST FOR USE IN A BATHTUB

Gilbert A. Jorgensen and Olive H. Jorgensen, Madison College, Tenn.

Application November 30, 1954, Serial No. 472,115

1 Claim. (Cl. 4—185)

The present invention relates to a headrest for use in bathtubs and one having suction cups for attachment to the smooth surface of the tub.

The primary object of the present invention is to provide a headrest for use in a bathtub and one having suction cup members swivelly connected together with two of the members adapted to receive the head or neck of a person reclining in a bathtub and with another member detachably mounted upon the side or top of the bathtub.

Another object of the present invention is to provide a headrest for a bathtub which is reversible and may be used with the two suction cup members attached to the tub and the single suction cup member supporting the head away from the surface or top edge of the bathtub.

A further object of the present invention is to provide a headrest for a bathtub having a ball and socket connection with a pair of suction cup members on one side and a single suction cup member on the other side, each of the sockets in the suction cup member having a special provision for providing swivelling movements of the suction cup members greater in several directions so as to provide the maximum length of arch of movement consistent with a sturdy and tight ball and socket joint.

These and other objects and advantages of the present invention will be fully apparent from the following description, when taken in connection with the annexed drawings, in which:

Figure 1 is a view in perspective of the present invention attached to the side wall of a bathtub and showing in dotted lines the recumbent figure of a person having his head received in and supported by the present invention,

Figure 2 is a side view in elevation,

Figure 3 is a top view partially in cross-section, and Figure 4 is a view partially in cross section on line 4—4 of Figure 2.

Referring in greater detail to the drawing in which like numerals indicate like parts throughout the several views, the invention is seen to consist of a first resilient cup member **10** having a concave suction cup surface **11** on one end and provided with a ball joint socket **12** at the other end. A bar **13** of substantially T-formation has its central arm **14** terminating in a ball **15** which is received in socket **12**.

On each end of the other arms **16** and **17** of the bar **13** a ball formation is provided, indicated by the reference numerals **18** and **19**, respectively, each of which projects from the bar **13** in the direction opposite to the central arm **14**. A pair of similar suction cup members indicated by the reference numerals **20** and **21** in Figure 3, are secured one each to the ball formations **18** and **19**, each of them having a similar ball joint socket receiving the ball formations **18** and **19**.

Referring to Figure 2, it will be seen that whereas the end arms **16** and **17** project from one side of the bar **13** in parallel spaced relation with respect to each other, and are straight, the central arm **14** is curved downwardly for a portion of its length.

Each of the suction cup members **10, 20** and **21** are

provided with undulating surfaces on their end edges adjacent to each of their respective sockets.

Each of the end edges of the suction cup members are provided with four arcuately shaped depressions and four rounded projections. This permits swiveling movement of each of the suction cup members greater in four directions, 90° apart than in directions within the angle of 90°. In Figure 3 the swiveling movement is suggested by the dotted lines indicated by the reference numerals **20'** and **21'**.

The projection on one side of the cup member **21** is indicated by the reference numeral **22** and an adjacent depression is indicated by the reference numeral **23**.

In Figure 4 it will be seen that the projections and depressions are equally spaced from each other, one of the former being indicated by the reference numeral **22'** and the latter indicated by the reference numeral **23'**.

In use the invention can be attached to the inner surface or the top edge of a bathtub, indicated by the reference numeral **24**, with either the single suction cup member **10** on the wall or surface of the bathtub and with a pair of cup members, shown in their spaced side-to-side relation, one on each side of the head of the recumbent person indicated in dotted lines by the reference numeral **25**.

Alternatively, the pair of suction cup members on one side of the bar may be secured to the surface of the tub and the single cup member supporting the head, for the purposes such as having a child supported by its forehead while its head is being shampooed.

Other uses will be found for the present invention, the invention may be attached to the smooth wall of the bathroom itself, supporting the head of an ill individual, if necessary, and for other purposes.

Each cup member is constructed of resilient semi-soft rubber or the like and the bar **13** is preferably chrome-plated steel.

While only a single embodiment of the present invention has been shown and described, other embodiments and modifications may be made in the present invention within the scope of the appended claim, without departing from the spirit of the invention.

What is claimed is:

A headrest for use in a bathtub comprising a resilient suction cup member adapted to be detachably secured to a surface of the bathtub and formed at one end with a ball joint socket, a T-shaped bar having its central arm terminating in a ball received in said socket for limited swiveling movement about said member, said bar having each of its end arms terminating in a ball formation projecting in a direction opposite to said central arm, and a pair of similar cup member each provided with a socket connected to said bar with said ball formations received one each in said sockets for limited swiveling movement about said bar, said first-named cup member and said pair of cup members each having its end edges adjacent to its respective socket formed with an undulating surface having four depressions and four raised portions so as to provide an arc of swiveling movement of each of said cup members with respect to its associated bar arm greater in directions angularly 90° apart than in directions intermediate the 90° angles.

References Cited in the file of this patent

UNITED STATES PATENTS

1,806,103	Tyler	May 19, 1931
2,161,590	Rickard	June 6, 1939
2,527,656	Reinsdorf	Oct. 31, 1950
2,665,872	De Witt	Jan. 12, 1954
2,697,480	Du Bois et al.	Dec. 21, 1954
2,703,407	Henoch	Mar. 8, 1955