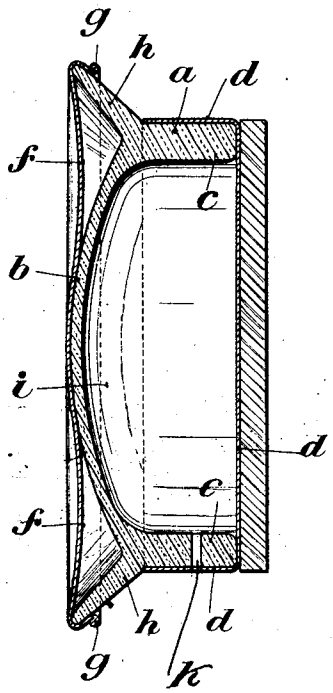
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HEAD SUPPORT FOR OPERATION CHAIRS OF ANY KIND

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HEAD SUPPORT FOR OPERATION CHAIRS OF ANY KIND.

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This invention relates to a head-support for operation-chairs of any character which head-support is yieldable and covered with an extensible, flexible and aseptic skin.

The head support according to the present invention, consists of a cushion of elastic material having an arched surface which, due to the elasticity of the material, gives slightly when the head is pressed against the same to such an extent that the hollow body insures the steady position of the head, which is absolutely necessary for the operation.

The preferred material for carrying out this invention is rubber formed in the shape of a hollow body with arched surface, this surface becoming concave at the point against which the head presses, but resuming its original arched shape as soon as this pressure ceases.

The arched surface of the cushion is covered with an extensible, flexible, aseptic and water-proof skin which has a beaded edge designed to be pulled over the elastic rubber-cushion, said skin yielding with the arched surface of the cushion under the pressure exerted by the head of the patient.

A head support according to the invention is shown, by way of example, in vertical section in the single figure of the accompanying drawing.

A hollow body *a* of any convenient elastic material, for instance, rubber, has an arched surface *b*, the thick edge *c* at the open end of the hollow body being closed by a capsule or sleeve *d*.

The arched surface *b* is covered with an extensible, waterproof, washable, aseptic skin *f*, for instance, a rubber skin, the beaded edge *g* of which is pulled over the projecting edge *h* of the hollow body *a*. The hollow space *i* of the body *a* communicates with the atmosphere through a hole *k* so that, when by a pressure of the head against the arched surface of the cushion this surface is indented, the original shape of the top *b* is reestablished as soon as the pressure of the head ceases owing to the inflow of air through hole *k* into the hollow space *i*, there being a corresponding hole in sleeve *d*.

It is not necessary to fill the elastic cushion with filling material.

I claim:—

1. A head-support for operating chairs including a hollow elastic member having a substantially cylindrical wall, a convex wall at one end of said substantially cylindrical wall and a rim disposed at an angle to the junction of the convex wall with the substantially cylindrical wall, a removable elastic aseptic covering engageable with the rim and spanning the convex wall, said substantially cylindrical wall having an inlet opening, and a supporting member comprising a bottom and a flange extending upwardly around the other end of the cylindrical wall, said flange having an opening to coincide with that of the substantially cylindrical wall support.

2. A head-rest for operating chairs including a hollow substantially circular peripheral member and a pliable normally convex portion at one end of said member surrounded by an outwardly flared rim, a cup-shaped member fitting upon the other end of said peripheral member, said peripheral member and said cup-shaped member being provided with alined ports, and an elastic aseptic covering having a tensioned rim adapted to be applied over and to grip the flared rim and to cover said convex portion.

In testimony whereof I affix my signature.

GUSTAV ZETTEL.