A. C. EGGERS.

OPERATING CUSHION.

APPLICATION FILED AUG. 10, 1915.

1,235,669.

Patented Aug. 7, 1917.

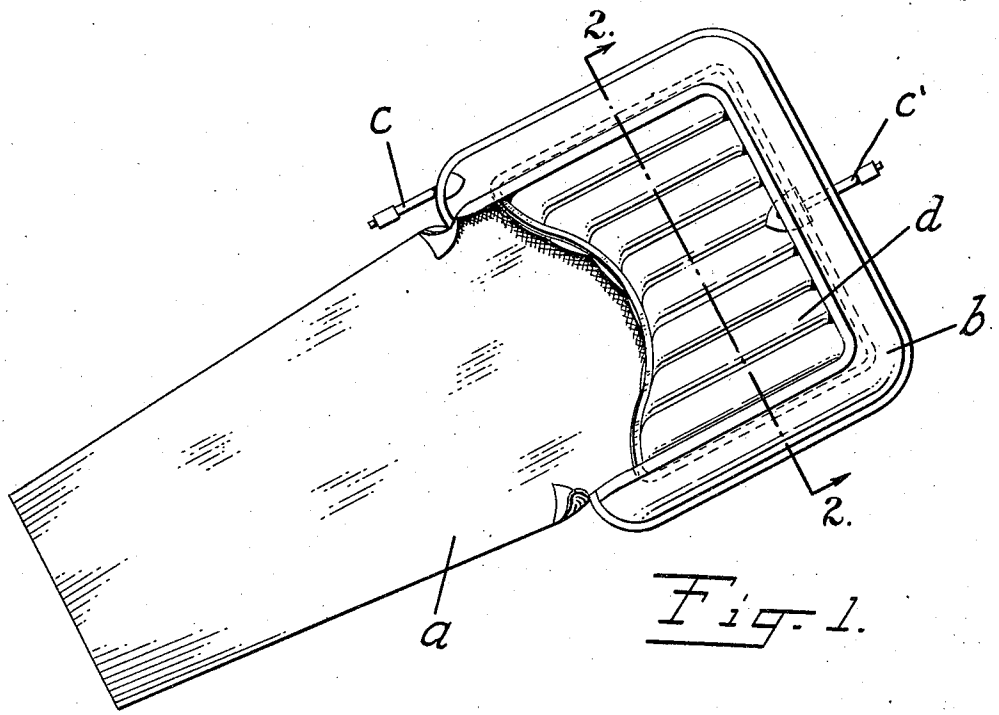


Fig. 1.

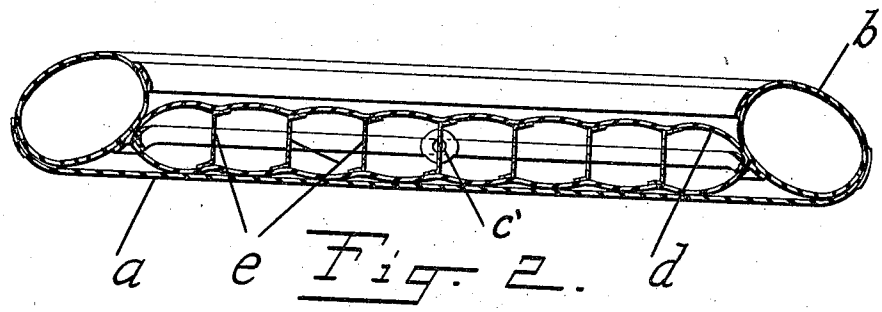


Fig. 2.

WITNESS:

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OPERATING-CUSHION.

1,235,669. Specification of Letters Patent. Patented Aug. 7, 1917.

Application filed August 10, 1915. Serial No. 44,817.

To all whom it may concern:

Be it known that I, ANTON C. EGGERS, a citizen of the United States, residing in the city of Brooklyn, county of Kings, and State of New York, have invented certain new and useful Improvements in Operating-Cushions, of which the following is a full, clear, and exact description.

The usual type of obstetrical cushion consists of a sheet of rubberized or otherwise proofed fabric having an inflatable cylindrical air chamber or cushion about three edges and an apron extending from its other edge. This apron is ordinarily an integral continuation of the sheet, and is adapted to overhang the edge of the bed upon which it is used to act as conduit for fluids. The marginal cushion about the edges of the sheet serves as a support for the patient and as a barrier to prevent fluids from flowing in any direction other than down the depending apron.

This invention is an improvement on the type of cushion above described and has for an object to provide a device which is more comfortable for the patient than those now commonly in use, and which sustains the patient in a position more convenient for the work of the surgeon than is possible with the well known forms.

For a clearer understanding of this invention reference is made to the following description and to the accompanying drawings, in which—

Figure 1 is a perspective view of a cushion made according to this invention, and

Fig. 2 is a cross sectional view of the same taken on the line 2—2 of Fig. 1.

The construction of my cushion is substantially as follows: A sheet of rubberized fabric *a* is cut to substantially the shape of an elongated rectangle. About one of the short sides and continuing about half the length of the long sides I form an inflatable cylindrical air bag or cushion *b*, having at one end a suitable valve *c*.

As thus far described the construction is that of the ordinary type of obstetrical cushion. What I consider to be my invention consists in the combination with the above parts of a supplemental inflatable portion *d*, forming an elastic pad. This element is adapted to snugly fit within the area described by the part *b* and is built according to the method ordinarily followed in the manufacture of pneumatic cushions. When inflated the thickness of this element is substantially less than that of the element *b*, distention beyond the desired thickness being prevented by strips of material *e* joining the upper and lower walls. The forward edge of the element *d* preferably curves inward from the corners toward the center, but I do not wish to restrict myself thereto as I also contemplate forming it with any outline which may be preferable for particular purposes or according to the desires of the user.

When the assembled structure is inflated the edges of the cushion *d* extend into the angle formed by the lower wall of the cylindrical cushion *b* and the upper surface of the apron *a*, the internal air pressure maintaining the parts snugly in place.

In operation the cushion *d* coöperates with the cushion *b* in supporting the body of the patient in a slightly elevated position. In this way the surgeon is allowed more space in which to work than was possible with the old type of cushion, in which the weight of the body compressed the slender cushion *b* and consequently sunk to substantially the place of the apron *a*, with accompanying discomfort to the patient and inconvenience to the surgeon.

Having described my invention what I claim and desire to protect by Letters Patent is:

An obstetrical cushion comprising an apron, a cylindrical air bag integral with the margin of said apron, and a separable substantially flat pad superposed on said apron, said cylindrical air bag overlapping the margins of said separable pad whereby the latter is maintained in position and a marginal dam is provided thereon to direct the flow of liquids onto said apron.

Signed at Brooklyn, N. Y., August 5th, 1915.

ANTON C. EGGERS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."