

(No Model.)

A. A. STOLL.
ICE CUSHION.

No. 563,429.

Patented July 7, 1896.

Fig. 1.

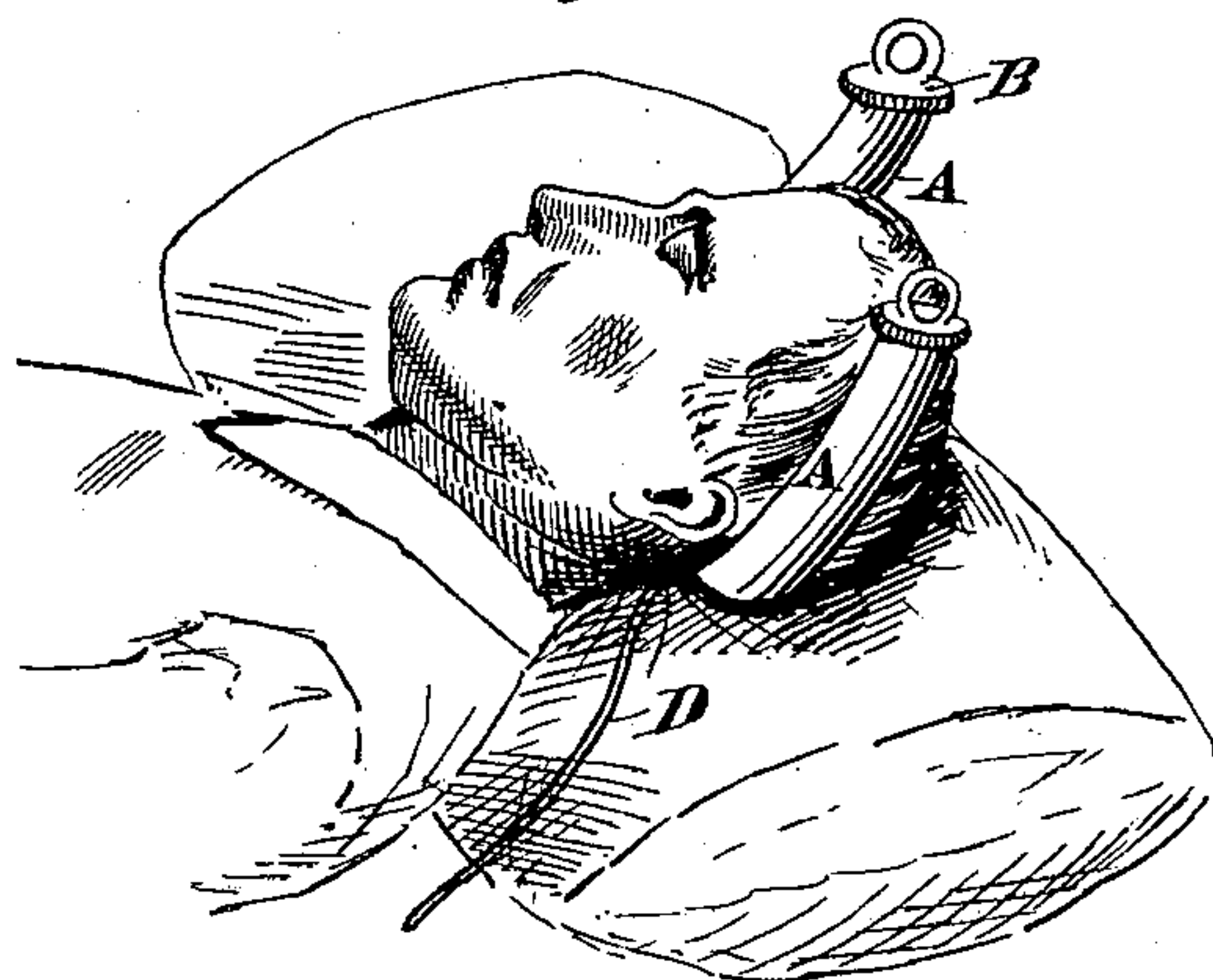


Fig. 2.

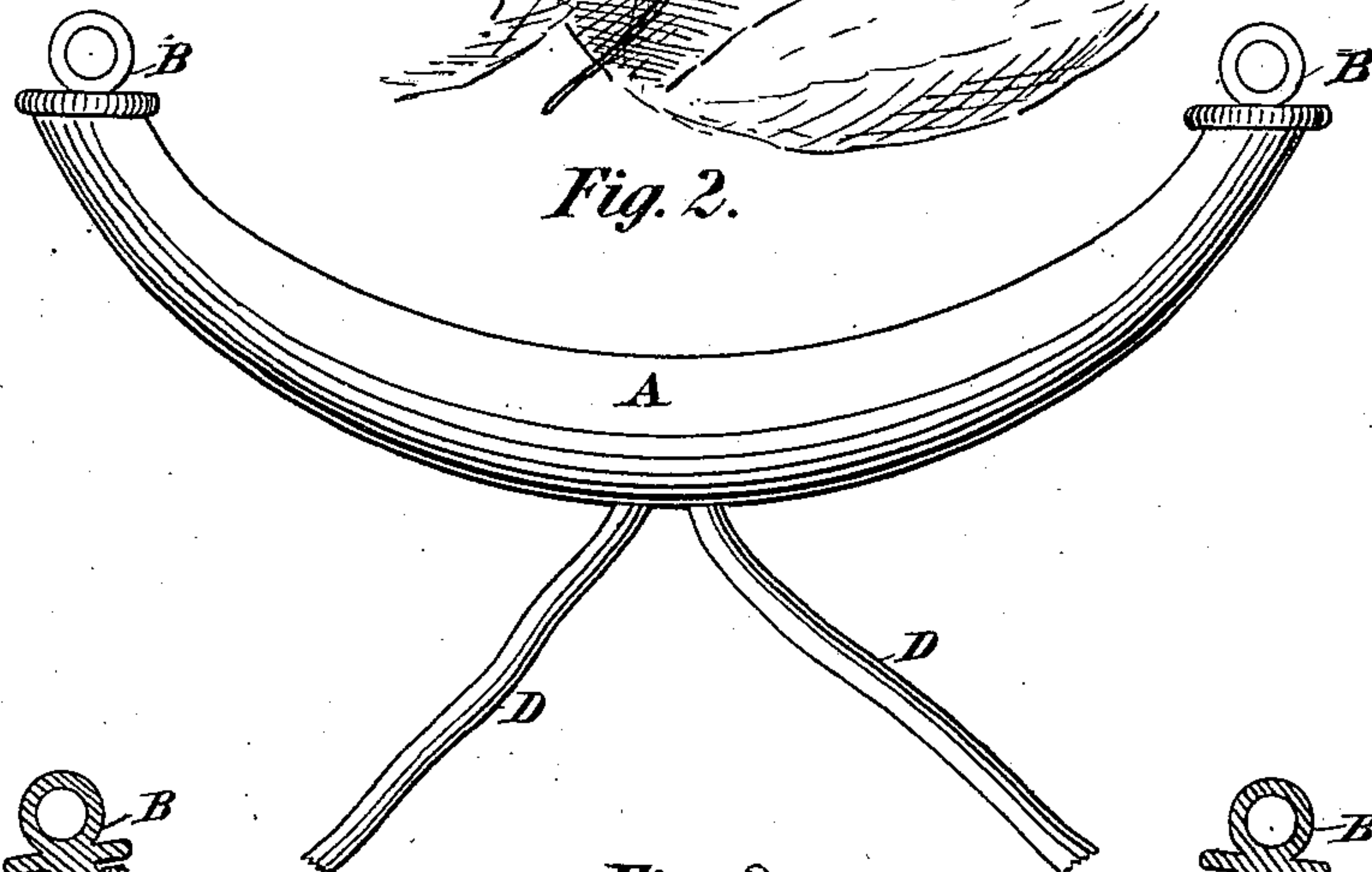
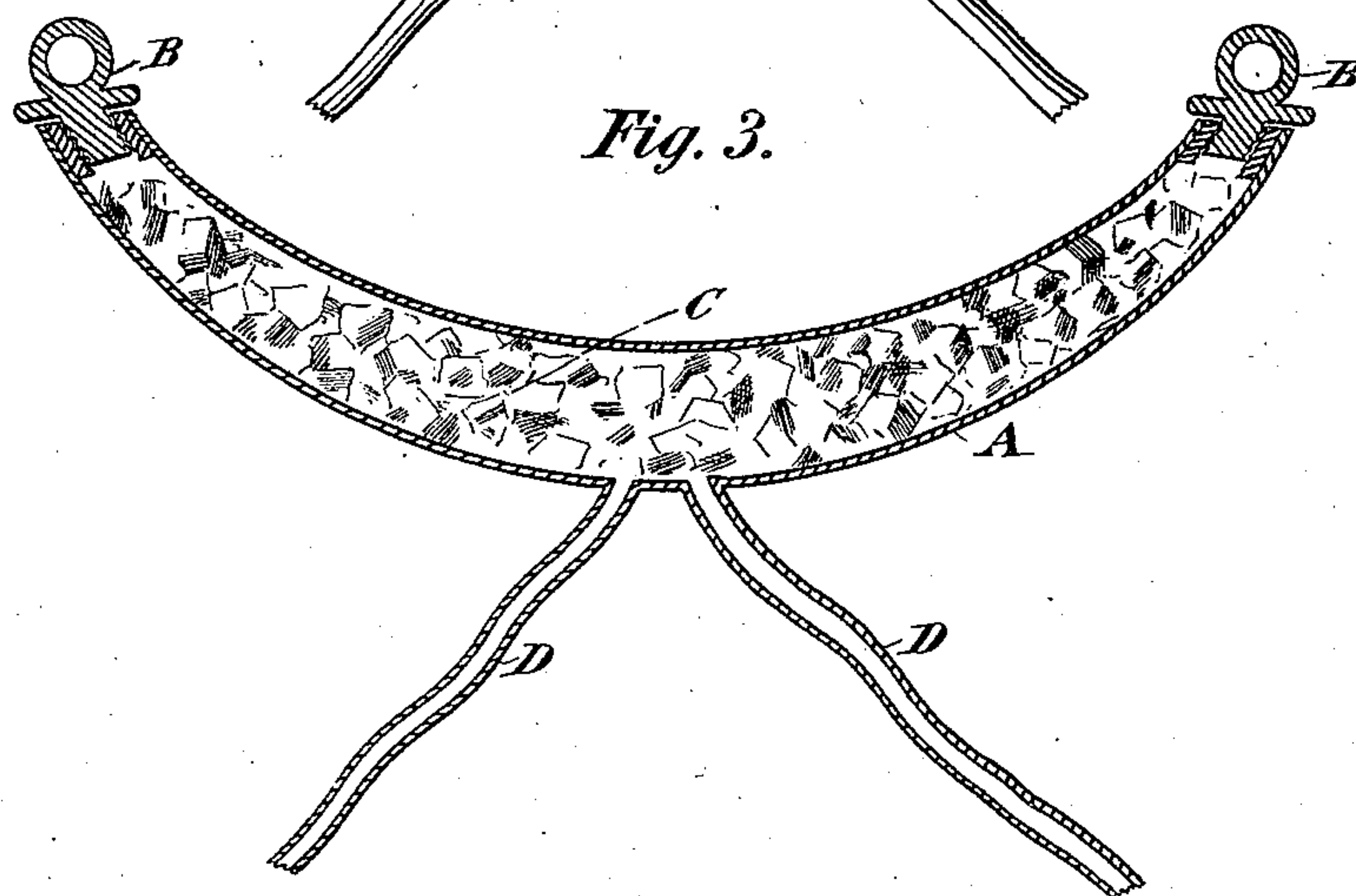


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

ALBERT A. STOLL, OF LOUISVILLE, KENTUCKY.

ICE-CUSHION.

SPECIFICATION forming part of Letters Patent No. 563,429, dated July 7, 1896.

Application filed August 19, 1895. Serial No. 559,738. (No model.)

To all whom it may concern:

Be it known that I, ALBERT A. STOLL, a citizen of the United States, residing in Louisville, in the county of Jefferson, State of Kentucky, have invented a new and useful Ice-Cushion, of which the following is a specification.

My invention relates to a cushion to be used by sick persons suffering from improper temperature; and its object is to replace either the ice or cold water or hot water from time to time while the cushion is in position without displacing it or disturbing the patient. I attain these objects by the contrivance shown in the accompanying drawings, in which—

Figure 1 shows the proposed cushion while in position under the head of the patient and upon the ordinary cushion or pillow. Fig. 2 shows the proposed cushion inflated with air or otherwise filled as it appears on the outside. Fig. 3 shows it in the same position and inside of it pieces of ice, with which it may be filled, and the screw-stoppers with which its ends are closed.

The same letters refer to the same parts in all the views.

The tube is made of vulcanized india-rubber or like water-tight flexible substance, is from sixteen to twenty-six inches in length to accommodate either children or grown persons, about three inches in diameter in the middle and tapers off toward the end, and is shaped somewhat like a bow, when not under pressure. I denote the tube which is the body of the cushion by the letter A, the stoppers made of a handle and a screw, which runs in a matrix affixed to the flexible tube at each end, by the letters B B, the contents of the cushion when filled, as in Fig. 3, by the letter C, and the two thin waste-tubes of flexible material attached to and opening,

preferably, from the convex or under side of the main tube by the letters D D.

The main tube, having been filled with ice, with cold water, or with hot water, according to the needs of the patient, is laid under his head. The waste-tubes may be allowed to hang down freely or may be turned up or closed by clamps, so as to prevent the out-flow.

From time to time, as ice melts, cold water becomes warm, or hot water cools, a stopper on one or other side may be opened and new supplies of ice, of cold water, or of hot water dropped or poured in, and the waste proceeding from melted ice or of water losing its proper temperature be allowed to flow out through the waste-tubes, the cushion being thus kept at its proper temperature without raising the patient's head.

I call the cushion an "ice-cushion," as it will in most cases be filled with ice, although it is just as applicable to hot water.

The waste-pipes must be made long enough to carry the waste water away from the patient's bed.

What I claim as my invention, and desire to secure by Letters Patent, is—

In an ice-cushion, a flexible bow-shaped tube whereof the mediate portion is adapted to be laid under a person's head while in bed, and the terminal portions to extend upwardly by the sides of the person's head, the upper end of each of said terminal portions being provided with a supply-opening, the cushion being provided also with two thin flexible discharge-pipes, one on each side of the center of the mediate portion and leading from the underside thereof, substantially as described.

ALBERT A. STOLL.

Witnesses:

BELLE APPLGATE,
A. L. DEMBITZ.