

No. 655,087.

Patented July 31, 1900.

P. JONES.
PILLOW.

(Application filed Dec. 30, 1897.)

(No Model.)

4 Sheets—Sheet 1.

Fig. 2.

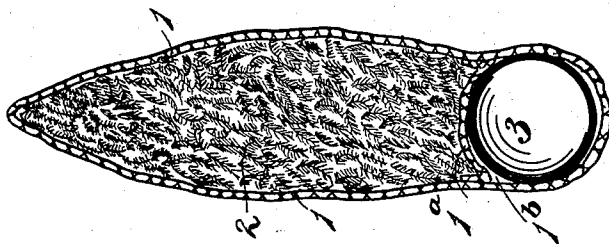
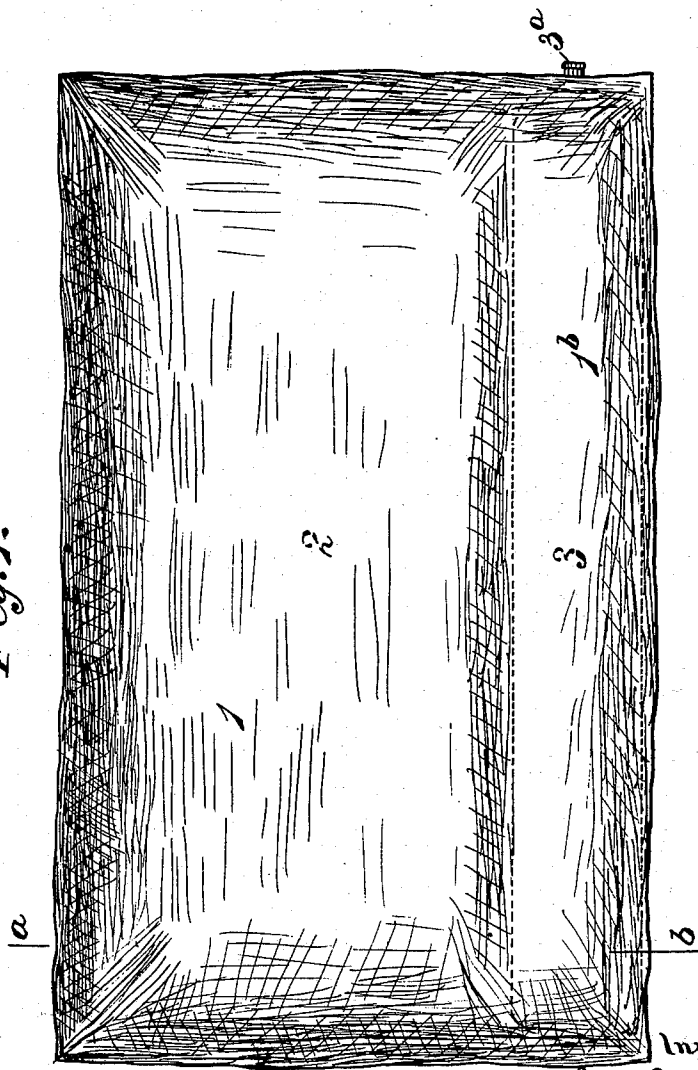


Fig. 1.



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4 Sheets—Sheet 2.

Fig. 4.

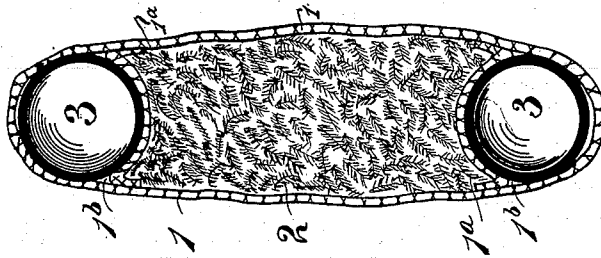


Fig. 3.



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Fig. 6.

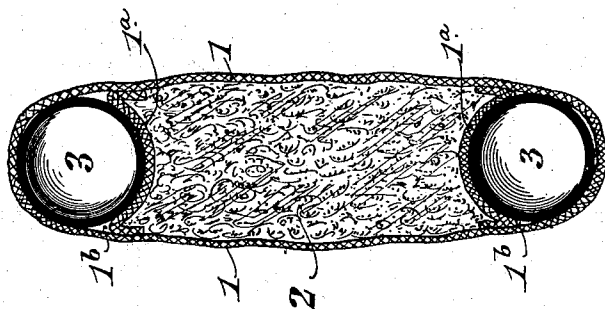
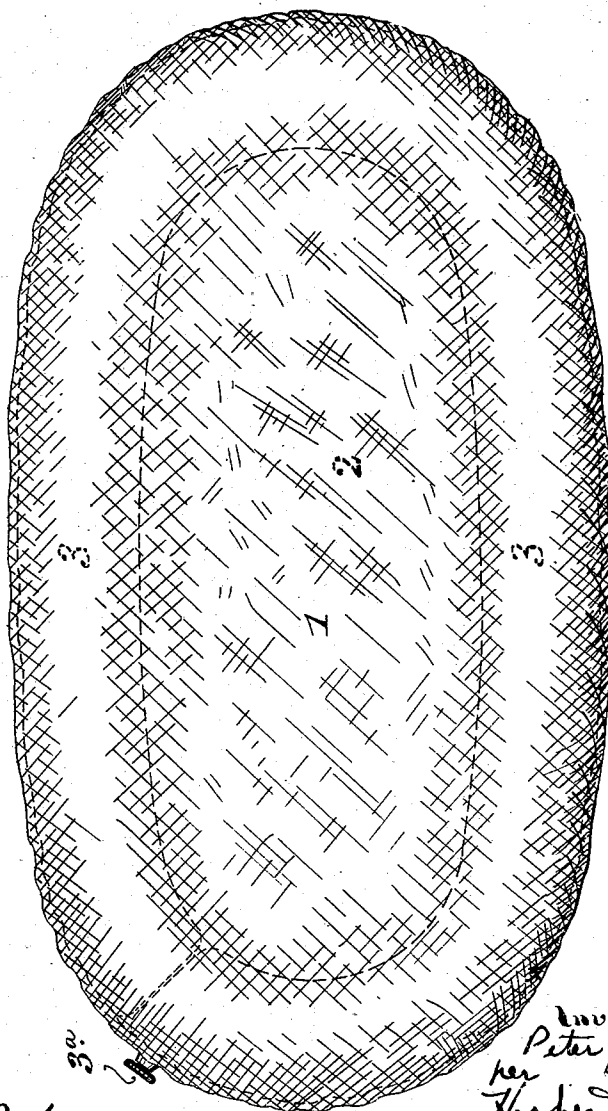


Fig. 5.



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4 Sheets—Sheet 4.

Fig. 8.

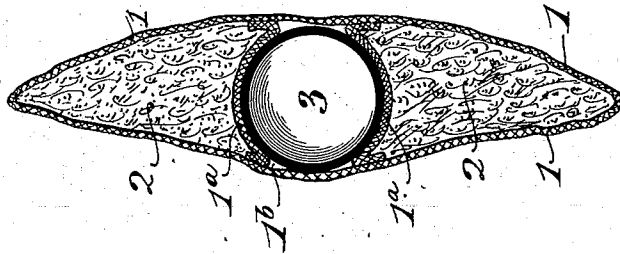
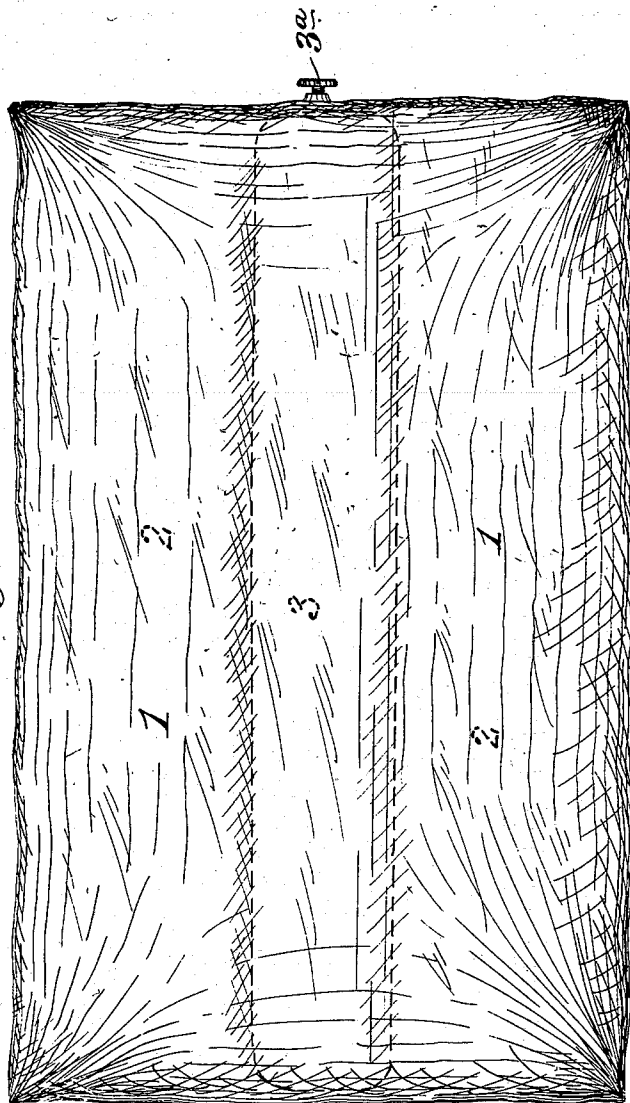


Fig. 7.



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UNITED STATES PATENT OFFICE.

PETER JONES, OF LONDON, ENGLAND.

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SPECIFICATION forming part of Letters Patent No. 655,087, dated July 31, 1900.

Application filed December 30, 1897. Serial No. 664,757. (No model.)

To all whom it may concern:

Be it known that I, PETER JONES, a subject of the Queen of Great Britain and Ireland, residing at Richmond, London, in the county of Surrey, England, have invented an Improved Pillow, of which the following is a specification.

This invention has reference to an improved pillow designed to obviate inconveniences incidental to the use of pillows as ordinarily made. According thereto I provide one or each of the long borders or edges of an ordinary pillow or the central portion of a pillow, between the top and bottom borders or edges, with a tubular part or chamber of suitable fluid-tight material capable of being inflated or filled out with air or water and of then forming a flexible or yielding more or less cylindrical body adapted as part of the pillow to accommodate itself to and be a rest for the neck of the person using the pillow and to fill the space or cavity that is with ordinary pillows usually left between the user's shoulder and head, so relieving the latter from undue pressure on the pillow, and thereby inducing sleep.

Figure 1 of the accompanying drawings is a plan, and Fig. 2 a cross-section on the line *a b* of Fig. 1, showing one construction of pillow according to my invention. Figs. 3 and 4, Figs. 5 and 6, and Figs. 7 and 8 are similar views to Figs. 1 and 2, respectively, illustrating modified constructions of the pillow.

The pillow shown in Figs. 1 and 2 comprises an ordinary case 1, of suitable material, such as ticking, and of approximately-rectangular shape in plan, such case being stuffed, as usual, with a filling of suitable soft material, such as feathers, down, wool, flock, or the like. Near to one of the long borders or edges of the case and within the latter is secured a longitudinally-extending strip or diaphragm 1^a, of ticking or equivalent material, so as to form at that border or edge of the pillow a tubular chamber or receptacle 1^b, into which there is inserted a tube 3, that is formed of suitable elastic or flexible and fluid-tight material, such as india-rubber, and closed at its ends, one of such ends being provided with means, such as a valve 3^a, which may be of the kind usually employed with pneumatic tires, whereby the tube 3 can be suitably in-

flated with air. The ends of the tubular chamber or receptacle 1^b may be either open or closed, as desired. In the latter arrangement the pillow-case may extend over the ends of the tubular portion where it is slit, the sides of the slit portions of the case being provided with buttons and buttonholes, tapes, or equivalent means that can be readily unfastened when it is desired to insert or remove the tube 3, or one only of the ends of the tubular chamber or receptacle 1^b may be formed, as described. As will be obvious, the tube 3 can be inflated to any desired extent within the limit allowed by the tubular portion of the ticking. Usually, however, it will only need to be partially inflated and to no greater degree than can be easily done by a person blowing into the tube by means of his or her mouth, so that the inflated tube will be soft and enable the border or edge of the pillow containing it to readily adapt itself to the neck of the person whose head is lying on the stuffed portion 2 of the pillow. Instead of inflating the tube 3 with air, it may be filled or partially filled with liquid, such as water, a suitable valve or closure being provided to enable this to be done.

Figs. 3 and 4 show a pillow like that illustrated in Figs. 1 and 2, except that each of its long borders or edges is provided with a tubular chamber or receptacle 1^b, containing an inflatable tube 3, so that either of the inflated borders or edges of the pillow is available for supporting the neck of the user, whose head is resting on the intermediate stuffed portion of the pillow.

Figs. 5 and 6 show a pillow of approximately-oval form in plan and provided all around its peripheral edge with a tubular chamber or receptacle 1^b, into which is inserted an inflatable tube 3 of the kind hereinbefore described, such tube being passed through a suitable hole in the edge portion of the pillow-case and arranged to extend all around and within the said chamber or receptacle, as shown, the sides of the hole being provided with any suitable fastening means, such as those hereinbefore mentioned. With this construction any portion of the inflated border or edge of the pillow can be used to support the neck of the person whose head is resting upon the stuffed portion of the pillow.

Figs. 7 and 8 show a pillow provided with a chamber or receptacle 1^b, with inflatable tube 3 extending longitudinally midway between its long borders or edges, such chamber or receptacle being formed by and between the upper and lower portions of the pillow-case 1 and two strips or diaphragms 1^a, of ticking or like material, the interior of the case 1 at each side of the chamber or compartment 1^b being stuffed with a filling 2 of the kind hereinbefore described. With this construction when the pillow is in use the inflated portion will serve, as in the other constructions, to support the neck of the user, whose head rests upon one of the stuffed portions of the pillow, the other stuffed portion being below the shoulders and upper portion of the back of the user, to which it accommodates itself.

By making or lining the chamber or receptacle 1^b of the pillow with fluid-tight material and closing its ends, so as to make it fluid-tight, the separate air-tube 3 might be dispensed with, or the partition or partitions 1^a might be dispensed with by providing the tube 3 and the pillow-case with suitable fastening devices for securing the tube 3 in position along the edge or central portion of and within the pillow-case.

I am aware that it has heretofore been proposed to construct a pillow with an inner inflatable core or body, also to construct a pillow with air-cells and adapt it to be used for life-saving purposes; but such constructions which do not come within the scope of my invention are entirely different from pillows constructed as hereinbefore described, inasmuch as they are not capable of and were not designed to support the neck of a person whose head is resting upon the stuffed portion of the pillow and fill up the cavity usually left between the user's shoulders and head, so as to relieve the latter from undue pressure, and thereby induce sleep.

What I claim is—

1. A pillow-case provided with separate compartments or receptacles one to contain filling material such as feathers, down or the

like and the other to contain fluid whereby it can be inflated, the latter compartment or receptacle being arranged to support, when inflated, the neck of a person using such pillow, substantially as described.

2. A pillow consisting of a case stuffed with feathers or other suitable filling material and provided with an inflatable tubular portion adapted when inflated to support the neck of a person whose head is resting on the stuffed portion of the pillow, substantially as herein described for the purpose specified.

3. A pillow comprising a case divided internally by a web or partition into separate and parallel chambers or receptacles one of which is of less cross-sectional area than the other and is located at the border or edge of the pillow, filling material of the kind herein described located in the larger of said chambers or receptacles, and an inflatable tube located in the smaller of said chambers, or receptacles, substantially as herein described for the purpose specified.

4. A stuffed pillow having a long narrow expansible fluid-tight body arranged longitudinally therein and arranged to form a yielding support for the neck while the head rests on the stuffed portion or main part of the pillow.

5. A stuffed pillow provided with a longitudinally-arranged flexible neck-support to one side of the stuffed head-supporting part of the pillow, substantially as described.

6. A pillow provided with neck-supporting and head-supporting portions of different degrees of flexibility whereby the neck-support fills the space or cavity between the user's shoulder and head and relieves the head of undue pressure on the pillow, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

PETER JONES.

Witnesses:

PERCY E. MATTOCK,
HENRY MAYKEL.