No. 712,720. Patented Nov. 4, 1902.

F. L. RICHARDSON.

AIR BED.

(Application filed Mar. 12, 1902.)

(No Model.)

Fig. 1.

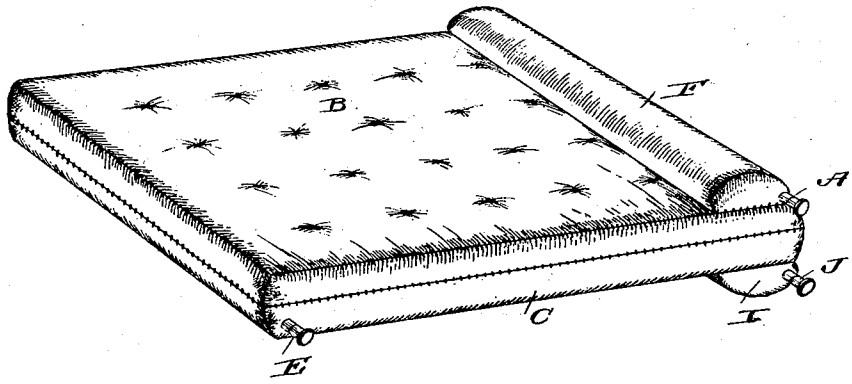


Fig. 2.

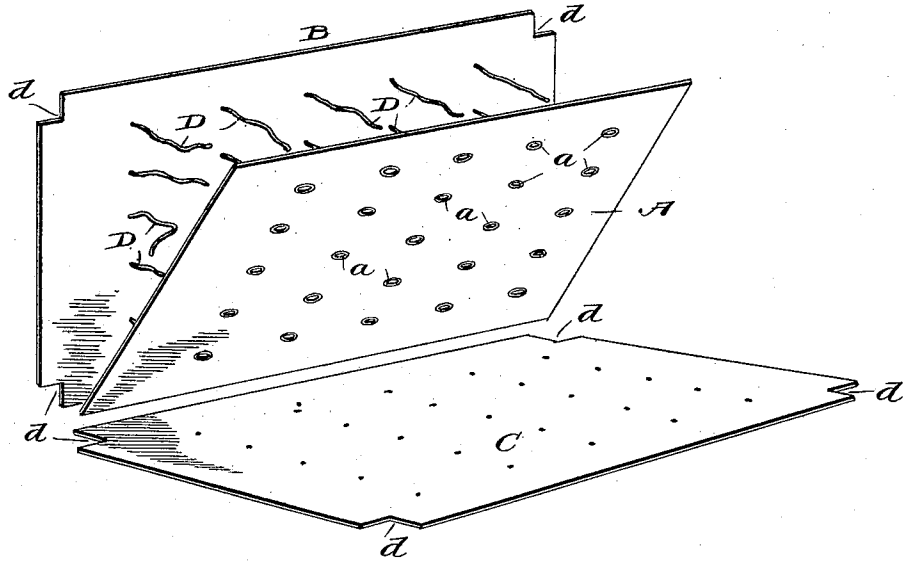
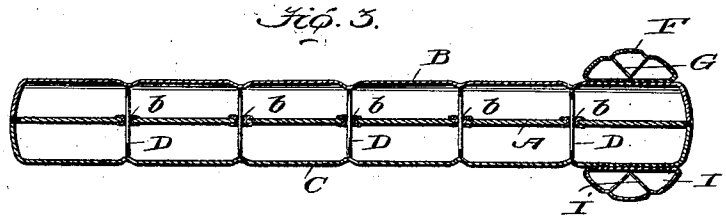


Fig. 3.



Witnesses

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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

FANNIE L. RICHARDSON, OF CORINTH, MISSISSIPPI.

AIR-BED.

SPECIFICATION forming part of Letters Patent No. 712,720, dated November 4, 1902.

Application filed March 12, 1902. Serial No. 97,870. (No model.)

To all whom it may concern:

Be it known that I, FANNIE L. RICHARDSON, a citizen of the United States, residing at Corinth, in the county of Alcorn and State of Mississippi, have invented new and useful Improvements in Air-Beds, of which the following is a specification.

This invention relates to certain new and useful improvements in air cushions, beds, pillows, and the like; and it has for its object, among others, to provide a simple and cheap yet strong and durable cushion or mattress that shall be sanitary and which may be inflated to any desired degree or extent.

A further object of the invention is to provide means whereby the cushion or bed will retain its shape when inflated.

Other objects and advantages of the invention will hereinafter appear and the novel features thereof will be specifically defined by the appended claims.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which—

Figure 1 is a perspective view of my improved bed complete and inflated. Fig. 2 is a perspective view of the parts composing the bed previous to being secured together. Fig. 3 is a vertical longitudinal section through the completed inflated bed.

Like letters of reference indicate like parts throughout the different views.

In constructing my air cushion or bed I take a middle sheet A of any suitable material and provide it with a plurality of holes *a*, which are protected or metal-bound, as seen at *b*, as by suitable eyelets or the like, in order that the same may not be worn in use. The outer covering portions B and C are composed of any suitable strong air-proof material, and to the inner faces thereof are attached the cords D, which are designed to be passed through the metal-bound holes in the middle sheet and affixed in any suitable manner to the inner surfaces of each of the outer covering portions. These serve to limit the outward movement of the covering portions and keep the bed in proper shape when inflated. The outer covering portions are cut away at the corners, as seen at *d*, so as to make a neat joint at the corners when they are joined, which joining may be by sewing or any other or convenient means.

The bed is designed to be inflated in the usual way through a tube E, having a suitable cap and valve for use with any suitable inflating-pump or other means as may be most desirable.

At one end of the bed I provide a pillow F. This is made complete in itself and attached to the end of the bed in any suitable manner, as by stitching. The sheet A is secured to the covering portions B and C in a similar manner. It is provided with the inclined or angularly-disposed cords G, which serve to keep the pillow in shape under inflation. This pillow is provided with a suitable inflating-tube H, as shown in Fig. 1. I is another pillow at the same end of the bed, but upon the opposite side. It is likewise provided with interior cords I′, which serve the same purpose as the cords within the other pillow, and it is also provided with a filling-tube J. In use either pillow may be inflated. It will be noted that by the construction shown a pillow is present at one end no matter which side of the bed is uppermost.

The central sheet and the vertical cords serve an important function in conjunction with each other, and the result is a bed that will be most comfortable and one that will not lose its shape under inflation.

The pillows may be of any desired shape, and the bed or cushion may be of any required dimensions.

Modifications in detail may be resorted to without departing from the spirit of the invention or sacrificing any of its advantages.

What is claimed as new is—

An air cushion, bed or the like, composed of a central sheet with perforations, eyelets therefor, outer coverings secured to the central sheet at the edges thereof and interior cords passed through said perforations and eyelets and connecting the inner faces of the outer coverings as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

FANNIE L. RICHARDSON.

Witnesses:
JOHN M. BELL,
D. C. MITCHELL.