A. B. LILLEY.

PAPER ABSORBENT MATERIAL FOR SURGICAL AND SANITARY PURPOSES.

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FIG. 1.

FIG. 2.

WITNESSES:
Adolph C. Kaiser
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INVENTOR,
AGNES BENNETT LILLEY.

BY Franklin S. Biersch
ATTY.
To all whom it may concern:

Be it known that I, AGNES BENNETT LILLEY, of Los Angeles, California, have invented certain new and useful Improvements in Paper Absorbent Materials for Surgical and Sanitary Purposes, of which the following is a specification.

My invention relates to improvements in paper absorbent material for surgical and sanitary purposes and the method of making the same.

One of the objects of the invention is to provide an absorbent material made entirely of paper, having high absorptive power and adapted to quickly take up and retain liquids, and so made that, while it is light and soft, it will retain its compactness.

Another object is to provide an absorbent material made entirely of paper carded similarly to wool, thereby producing a material similar in appearance to cotton batting.

Another object is to provide an absorbent material made entirely of paper, which although adapted to retain liquids, is readily disintegrated when placed in water, which is not possible with absorbent materials containing vegetable fibers, such as cotton or linen fiber.

Another object is to provide a paper absorbent material which is neat, efficient and inexpensive, and is adapted to all the purposes for which various cotton and linen fiber materials are commonly used by physicians and surgeons, and it is particularly adapted to catamenial uses.

A full understanding of my invention can best be given by a detailed description of a preferred construction embodying the various features of my invention, and such a description will now be given in connection with the accompanying drawings showing such preferred construction, and the features forming the invention will then be specifically pointed out in the claim.

In the accompanying drawings Figure 1 shows in perspective a portion of the absorbent material and Fig. 2 shows in perspective a portion of the absorbent material inclosed in paper mesh.

Latitude is allowed herein as to details, since they may be varied or changed at will without departing from the spirit or scope of my invention and the same will nevertheless remain intact and be protected.

Corresponding and like parts are referred to in the following description and indicated in all the figures of the drawings by the same reference characters.

In the drawings 1 represents a portion of paper absorbent material composed preferably of a series of layers of bibulous paper fibers 2 produced by a particular process, which renders the paper material soft and fluffy and similar in appearance to cotton batting. Through the paper absorbent material 1 are passed longitudinal, twisted paper threads 3 and lateral, twisted paper threads 4, for the purpose of binding and holding together the paper material and the various layers of bibulous paper fibers when thus formed. For some purposes the absorbent material may be inclosed on each side by a mesh 5 made of twisted paper threads 7, when it is desired to have the paper absorbent material in compact form. The paper absorbent material may be treated to render it antiseptic, if desired.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

An absorbent material comprising a series of layers of bibulous paper of soft and fluffy texture, and having longitudinal and lateral binding threads composed of twisted paper passed therethrough, whereby said layers are held together, and a mesh of twisted paper threads inclosing said layers substantially as described.

In testimony whereof I have affixed my signature, in the presence of two witnesses.

AGNES BENNETT LILLEY.

Witnesses:

WILLIAM LINCOLN PALMER,
FRANK C. BLAISEDILL.