

No. 765,519.

PATENTED JULY 19, 1904.

J. H. SPERRY.
PILLOW, CUSHION, OR LIKE ARTICLE.

APPLICATION FILED MAY 2, 1904.

NO MODEL.

Fig. 1.

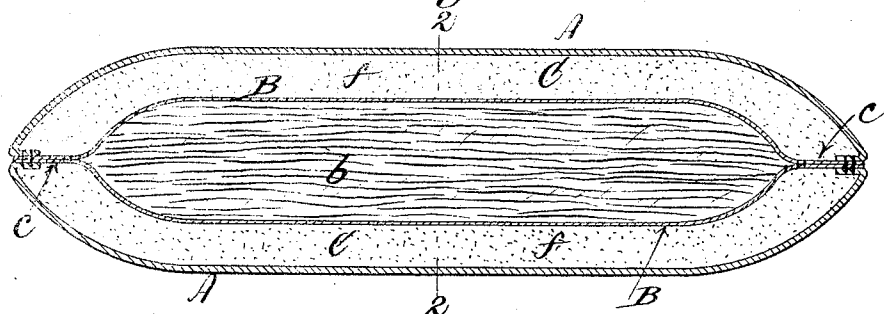


Fig. 2.

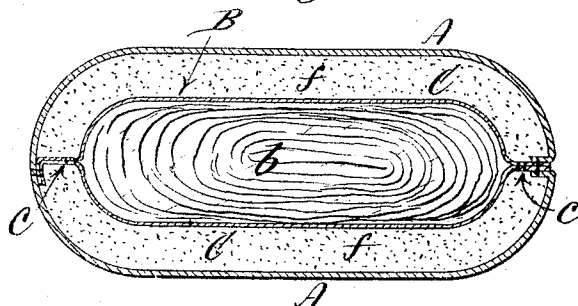
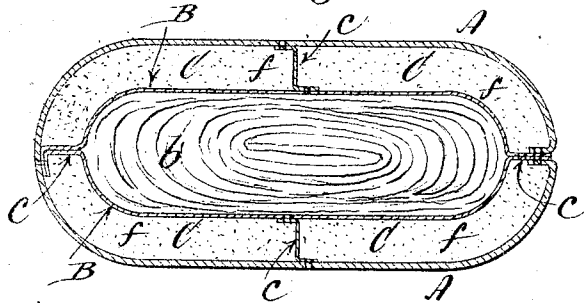


Fig. 3.



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Julius H. Sperry
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UNITED STATES PATENT OFFICE.

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PILLOW, CUSHION, OR LIKE ARTICLE.

SPECIFICATION forming part of Letters Patent No. 765,519, dated July 19, 1904.

Application filed May 2, 1904. Serial No. 205,979. (No model.)

To all whom it may concern:

Be it known that I, JULIUS H. SPERRY, a citizen of the United States, residing in the city of New York, borough of Brooklyn, county of Kings, and State of New York, have invented certain new and useful Improvements in Pillows, Cushions, or Like Articles, of which the following is a specification sufficient to enable others skilled in the art to which the invention appertains to make and use the same.

My invention relates to the formation of pillows, cushions, and like articles designed to afford a soft yielding but more or less resilient support.

The main object is to render the pillow or cushion more stable in form without impairing its softness and elasticity and at the same time to reduce the cost of manufacture.

The invention consists, essentially, in a pillow or cushion formed with a centralized pocket or compartment filled with fibrous material and united to the outer casing by two or more flexible ligaments or partitions which divide the said outer casing into a plurality of compartments for the reception of feathers or other form of relatively light filling material.

In the accompanying drawings I illustrate my improvements as embodied in a pillow of elongated form, although it is obvious that it may be applied to square or other forms of pillows, cushions, or like articles without departing from the spirit and intent of my invention.

Figure 1 is a central longitudinal section of the simpler form of my improved pillow; Fig. 2, a transverse section upon plane of line 2 2, Fig. 1. Fig. 3 is a similar view illustrating a modification of the invention.

A represents the outer casing of the pillow, made of any suitable cloth or flexible material.

B is an inner pocket or compartment, also formed of cloth or other suitable flexible material and filled with cotton or other appropriate fibrous material *b* of a soft flexible character. This compartment B is centralized and held in position by two or more flexible ligaments *cc*, one edge of each of which is united to the said compartment B and the other edge of

each of which is united to the outer casing A. It will be seen that these ligaments not only act as guys or stays to hold the inner compartment B in a prescribed position with relation to the outer casing A, but that they also divide the latter into a plurality of compartments C C. Thus in Figs. 1 and 2 the ligaments *cc* divide the outer casing A into two longitudinal compartments C C, while in the modification shown in Fig. 3 four longitudinal ligaments *cccc* are used, dividing the casing A into four compartments C C C C, collectively surrounding the central compartment B.

It is obvious that the outer casing A may thus be divided into any desired plural number of compartments C for the reception of feathers or other relatively light and expansive filling.

It will be seen that the ligaments *cc* perform a double function in that they retain the central compartment or stiffener B in a prescribed position within the casing A and also confine the lighter filling *f* within prescribed limits. Thus while the feathers *f* in one and all the compartments C C may be freely shaken up and rearranged they cannot travel from one compartment to the other or mix with the inner filling *b*, so that the relative proportion and distribution of the softer filling *f* is maintained with relation to the central and more concentrated fibrous material *b* in the compartment B.

Where the outer casing A is divided into only two compartments, as in Figs. 1 and 2, the ligaments *c* may extend all around the centralized compartment A, being formed at the ends thereof as well as at the sides, and this may obviously be accomplished by the use of a single continuous web or ligament, if desired, so that I do not confine myself to separately-formed webs or ligaments on opposite sides of the compartment A, but consider the side and end ligaments as constituting a plurality thereof whether made in one or several pieces. I thus produce a pillow which is essentially stable in form, since the feather or other relatively light outer filling cannot be displaced as in ordinary pillows,

but is confined within prescribed limits around a core or stiffening of relatively denser but elastic material.

By my construction I am enabled to produce a pillow or like article of proper thickness for comfort and durability and having the requisite softness combined with resilience at a reduced cost as compared with a like article of ordinary construction. Furthermore, my improved pillow or cushion being more stable in form is more convenient and comfortable in use. The pillow or cushion can be beaten up, shaken, or kneaded in the usual way to liven up the feathers or lighter filling *f* and attain a circulation of air therein without disturbing materially the inner denser filling *b* and will maintain its shape and proportion under all ordinary conditions of use.

I prefer to arrange the ligaments *c* longitudinally in the case of a pillow, although they may obviously be arranged transversely, if desired, to form a series of compartments of small area for the reception of the feathers or other relatively light filling, the essential feature being a plurality of ligaments for maintaining the stiffening-compartment and denser fibrous material *b* in a prescribed position and surrounding it with a plurality of compartments *C* for the reception of a relatively finer and lighter filling *f*, such as feathers or other soft fluffy material.

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

1. In a pillow, cushion, or like article, the combination with the outer casing of an inner compartment retained in a prescribed relation thereto by a plurality of ligaments, said ligaments dividing said outer casing into a plurality of exterior compartments collectively surrounding the said interior compartment, and suitable filling material in all of said compartments.

2. A pillow, cushion, or similar article, consisting of an exterior casing, an interior com-

partment filled with fibrous material, a plurality of ligaments connecting the said interior compartment with the outer casing and dividing the latter into a plurality of compartments collectively surrounding said interior compartment, and a filling of comparatively light fluffy material in the said surrounding outer compartment, for the purpose described.

3. In a pillow, cushion, or like article, the combination of an inner centralized stiffening-compartment containing a filling of relatively dense fibrous material, an outer casing, a plurality of ligaments connecting said inner centralized compartment with the outer casing and dividing the latter into a plurality of compartments collectively surrounding the said inner centralized compartment, and a filling of feathers in said plurality of external compartments, for the purpose described.

4. In a pillow, cushion or like article, the combination with the outer casing of an interior compartment retained in a prescribed relation thereto by a plurality of ligaments, said ligaments dividing said outer casing into a plurality of exterior compartments collectively surrounding said interior compartment, a filling of fibrous material in the latter, and a filling of lighter material in the said surrounding exterior compartments for the purpose set forth.

5. In a pillow, cushion, or like article, the combination with the outer casing of an interior compartment filled with cotton and retained in a prescribed relation to said outer casing by ligaments, said ligaments dividing said outer casing into a plurality of exterior compartments collectively surrounding the said interior compartment, and a filling of feathers in said exterior compartments for the purpose described.

JULIUS H. SPERRY.

Witnesses:

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