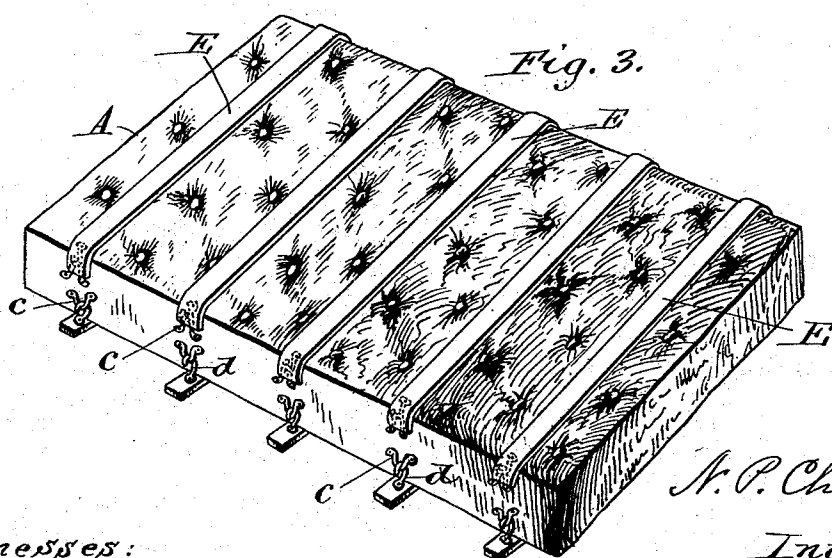
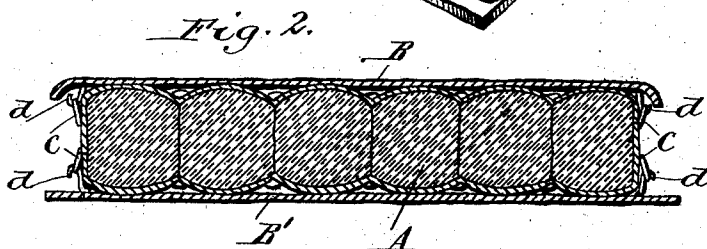
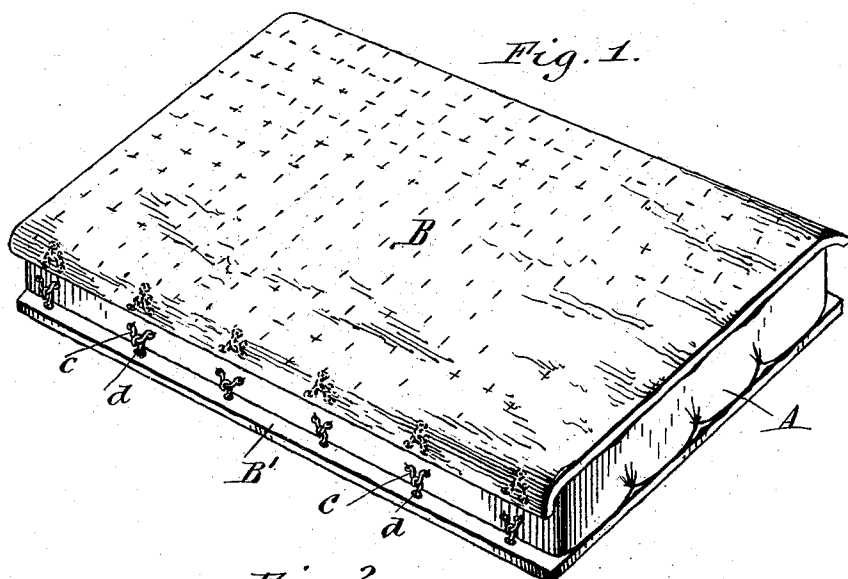


(No Model.)

N. P. CHANEY.
MATTRESS.

No. 505,649.

Patented Sept. 26, 1893.



Witnesses:

Chas. F. Buehhardt.
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N. P. Chaney

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By Wilhelm P. Popp

Attorneys.

UNITED STATES PATENT OFFICE.

NATHAN P. CHANEY, OF BUFFALO, NEW YORK.

MATTRESS.

SPECIFICATION forming part of Letters Patent No. 505,649, dated September 26, 1893.

Application filed January 3, 1893. Serial No. 456,991. (No model.)

To all whom it may concern:

Be it known that I, NATHAN P. CHANEY, a citizen of the United States, residing at Buffalo, in the county of Erie and State of New York, have invented new and useful Improvements in Mattresses, of which the following is a specification.

This invention relates to an improvement in that class of mattresses which are stuffed with hair, fiber or other material. When a mattress is new and has its full height or thickness, its upper and lower surfaces are undulating, or composed of elevations and depressions. These undulating surfaces become flattened by use which causes the mattress to spread, thereby increasing its width and length. In order to allow for the spreading of the mattress it has been the practice to make the mattress originally of sufficiently less width and length than the bedstead for which it is intended to compensate for the spreading. This, however, produces an unsightly appearance of the bed when made up during the time that the mattress is of insufficient width.

The object of my invention is to provide means whereby the mattress is prevented from spreading transversely and a uniform width of the same is maintained in use.

In the accompanying drawings:—Figure 1 is a perspective view of a mattress provided with my improvement. Fig. 2 is a transverse section of the same. Fig. 3 is a perspective view showing a modification of my invention.

Like letters of reference refer to like parts in the several figures.

A represents a stuffed mattress of any usual or well known construction.

B B' represent pads or covers of ticking, quilted cotton or other suitable material which are placed on the top and under the bottom of the mattress to protect the same from undue wear. The longitudinal sides of the mattress are provided along their upper and lower edges with rows of eyes *c* which receive hooks *d* secured to the adjacent longitudinal side portions of the pads. The hooks are so arranged upon the pads that when they are attached to the eyes of the mattress the pads

are drawn taut transversely, thereby confining the longitudinal sides of the mattress against outward movement and preventing the mattress from spreading when it becomes flattened by use. The head and foot ends of the mattress are not attached to the pads, so that the mattress is not restrained longitudinally but permitted to spread lengthwise upon flattening. By employing this means for retaining the longitudinal sides of the mattress at the original distance from each other, the mattress can be made of full width originally, whereby the objectionable spaces between the sides of the mattress and the side pieces of the bedstead are avoided when the mattress is new. The pads serve the double function of protecting the mattress from wear and also retaining the same against spreading transversely.

In the modified construction represented in Fig. 3, a number of straps or bands *E* are arranged across the upper and lower sides of the mattress and provided near their ends with hooks which engage with the eyes of the mattress and so restrain the mattress transversely. If desired, the ends of the retaining pads or straps may be permanently secured to the mattress instead of detachably, as shown.

I claim as my invention—

1. In combination with a stuffed mattress the upper and lower external restrainers independent of each other stretched tightly and across the upper and lower faces of the mattress and connected to the sides of the same, substantially as described.

2. In combination with a stuffed mattress the external restrainers consisting of the two pads independent of each other stretched tightly across the opposite faces of the mattress and secured at different points to the sides of the mattress, substantially as described.

Witness my hand this 31st day of December, 1892.

NATHAN P. CHANEY.

Witnesses:

THEO. L. POPP,
FRED. C. GEYER.