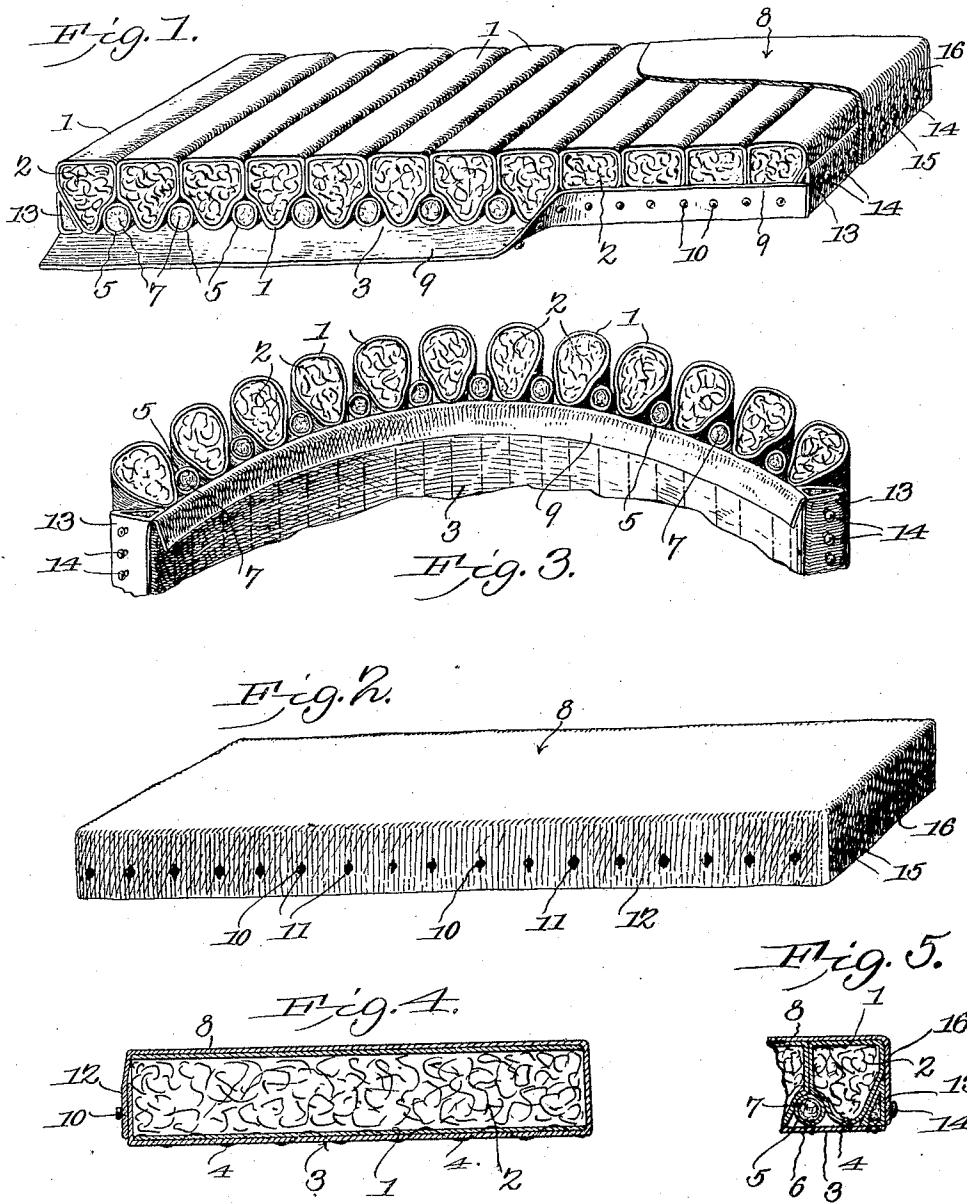


No. 831,441.

PATENTED SEPT. 18, 1906.

T. H. JOHNSON.
MATTRESS.

APPLICATION FILED MAY 16, 1906.



Witnesses

E. J. Stewart
H. C. Shepard

Theodore H. Johnson,
Inventor.

by *C. A. Snow & Co.*
Attorneys

UNITED STATES PATENT OFFICE.

'THEODORE H. JOHNSON, OF ST. PAUL, MINNESOTA.

MATTRESS.

No. 831,441.

Specification of Letters Patent.

Patented Sept. 18, 1906.

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To all whom it may concern:

Be it known that I, THEODORE H. JOHNSON, a citizen of the United States, residing at St. Paul, in the county of Ramsey and State of Minnesota, have invented a new and useful Mattress, of which the following is a specification.

This invention relates to mattresses, and has for its object to provide an improved sectional mattress wherein the sections are capable of being conveniently spread or separated to air and dry the same and to enable the removal of dust therefrom, thereby to produce a sanitary mattress.

A further object of the invention is to enable the convenient individual working of the mattress-sections to render them comparatively soft after becoming hardened by use and to normally maintain the sections in compact relation, so as to present a continuous uninterrupted top for the mattress.

With these and other objects in view the present invention consists in the combination and arrangement of parts, as will be hereinafter more fully described, shown in the accompanying drawings, and particularly pointed out in the appended claims, it being understood that changes in the form, proportion, size, and minor details may be made within the scope of the claims without departing from the spirit or sacrificing any of the advantages of the invention.

In the accompanying drawings, Figure 1 is a perspective view of a mattress embodying the features of the present invention, the case being broken away to disclose the fillers. Fig. 2 is a perspective view of the mattress when set up in condition for use. Fig. 3 is a fragmentary perspective view showing the mattress open to separate the fillers. Fig. 4 is a cross-sectional view of the mattress. Fig. 5 is a detail sectional view taken through one end of the mattress.

Like characters of reference designate corresponding parts in each and every figure of the drawings.

The present mattress is made up of a plurality of tubular core-sections or fillers 1, arranged in a series and varying in size and number, according to the size of the mattress. Each filler is preferably filled with feathers 2, and the bottom of the filler is secured to the bottom cover or case portion 3 of the mattress in any suitable manner, preferably by one or more rows of stitches 4. (Best shown in Figs. 4 and 5 of the drawings.) Between each

pair of fillers 1 there is a tubular filler-support 5, connected to the bottom case portion 3 by one or more rows of stitches 6 and filled with hair 7. The filler-supports 5 being filled with hair are of course more compact and harder than the filler-sections 1, whereby the outer portions of the latter spread and come into contact across the tops of the filler-supports, so as to present a flat even top when the top case portion 8 is drawn over the tops of the filler-sections. It will here be explained that the bottom case-section 3 and the top case-section 8 may be formed integral or separate and connected by stitches or other means, as may be desired. The free edge of the bottom case-section 3 is projected a suitable distance beyond the adjacent ends of the filler-sections, so as to form a flap 9, upon the outer side of which is a series of buttons 10, with which the buttonholes 11 of the free edge or flap portion 12 of the top section 8 are designed to engage, so as to secure the case snugly about the filler-sections.

At each end of the series of filler-sections there is a terminal filler-support 13, which is substantially triangular in cross-section and is provided upon its outer face with a series of buttons 14 for engagement by buttonholes 15 in the end flap 16 of the cover portion 8, whereby the case is detachably secured about the filler-sections and may be readily disconnected and opened to expose the filler-sections in the manner shown in Fig. 3 of the drawings, whereby accumulations of dust may be readily removed from between the filler-sections and the filler-supports, and the filler-sections may be worked into a comparatively loose and soft condition to restore the mattress to a comfortable condition after the filler-sections have been compressed and hardened by use. Moreover, when the case is open and the mattress bent back upon itself so as to separate the filler-sections sunlight and air may be admitted into the spaces between the filler-sections so as to dry out the same and thereby render the mattress sanitary. By reason of the fact that the filler-sections are permanently connected to the case the mattress may be handled as an entirety when working the filler-sections to loosen up the feathers therein in a very convenient and thoroughly satisfactory manner without requiring the careful replacing of the filler-sections. In some cases the filler-sections or tubes will be made substantially rectangular in cross-section.

tion and stitched or otherwise permanently secured to the base or bottom section, and, if desired, the tubes at the top of the mattress may be stitched together on both sides thereof.

Having fully described the invention, what is claimed is—

1. A mattress having a series of relatively soft filler-sections, and relatively hard filler-supports interposed between the bottom portions of the successive filler-sections.

2. A mattress comprising a case, a series of relatively soft filler-sections contained within the case and secured to the bottom thereof, and relatively hard filler-supports successively interposed between the bottom portions of the fillers and secured to the bottom case.

3. A mattress comprising a case capable of being opened to expose the interior thereof, and a series of separate filler-sections connected to one side of the case and capable of being spread or separated when the case is open to give access to the spaces between the filler-sections.

4. A mattress comprising a case made up of a bottom and a detachable top section, and a series of separate filler-sections individually secured to the bottom of the case and independent of the top thereof, the sections capable of being separated by bending the bottom of the case when the top is removed to give access to the spaces between the filler-sections.

5. A mattress comprising a case made up of a bottom section and a removable top section, a series of individual fillers secured to the bottom of the case and independent of the top thereof, and filler-supports secured to the bottom of the case between the succes-

sive fillers, the fillers and filler-supports capable of being separated by bending the bottom of the case when the top thereof is removed.

6. A mattress comprising a case made up of top and bottom sections having detachably-connected flaps, and individual fillers connected to one of the case-sections and independent of the other.

7. A mattress comprising a case made up of top and bottom sections provided with flaps which are detachably connected by buttons and buttonholes, and a series of individual fillers connected to one of the case-sections and independent of the other case-section.

8. A mattress comprising a case, a series of individual tubular fillers within the case comparatively soft filling material within the tubular fillers, tubular filler-supports interposed between the bottoms of the successive fillers, and comparatively hard filling material in the filler-supports.

9. A mattress comprising a case made up of detachably-connected top and bottom sections, a series of tubular fillers individually connected to the bottom of the case, comparatively soft filling material within the fillers, tubular filler-supports connected to the base and successively interposed between the fillers which spread across the filler-supports, and comparatively hard filling material in the filler-supports.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

THEODORE H. JOHNSON.

Witnesses:

A. A. LINDSTROM,
W. C. CULLUM.