

J. HOEY, DEC'D.
M. HOEY, ADMINISTRATRIX.
MATTRESS AND CUSHION.
APPLICATION FILED JULY 16, 1912.

1,295,030.

Patented Feb. 18, 1919.

Fig. 1.

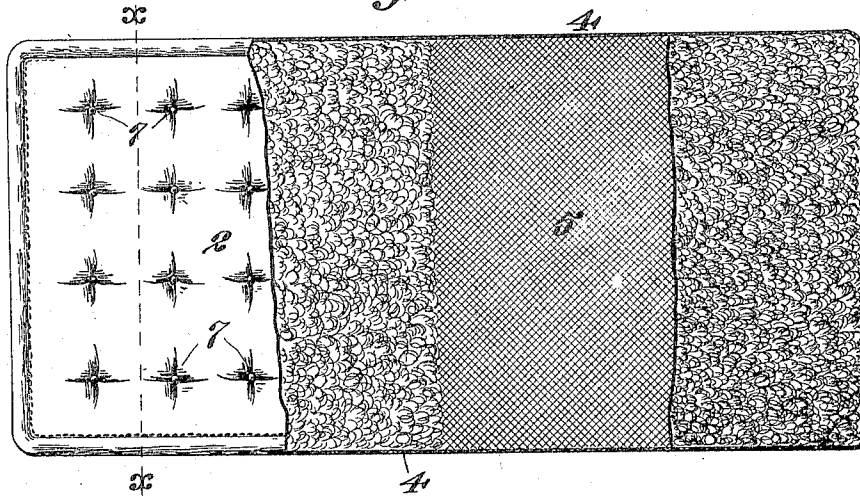
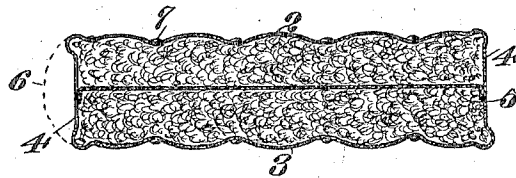


Fig. 2.



WITNESSES:

Charles Pickles
R. A. Burg

INVENTOR

John Hoey.

BY *E. H. Strong,*

ATTORNEY

UNITED STATES PATENT OFFICE.

JOHN HOEY, OF SAN FRANCISCO, CALIFORNIA; MARGARET HOEY ADMINISTRATRIX
OF SAID JOHN HOEY, DECEASED.

MATTRESS AND CUSHION.

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Specification of Letters Patent.

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Application filed July 16, 1912. Serial No. 709,712.

To all whom it may concern:

Be it known that I, JOHN HOEY, a citizen of United States, residing in the city and county of San Francisco and State of California, have invented new and useful Improvements in Mattresses and Cushions, of which the following is a specification.

This invention relates to a new form of mattress and cushion construction.

10 The object of the invention is to construct a bed mattress, or like upholstered article, in such a manner that spreading of the mattress or bulging of the edges will be entirely eliminated. A further object of the invention is to generally improve the art of mattress upholstery so as to increase the utility, durability and efficiency.

Further objects and advantages will appear in the following description, in which—

20 Figure 1 is a plan view of the mattress partly broken away.

Fig. 2 is a cross section of same on the line X—X.

The object of the invention is to construct 25 a bed mattress, or like upholstered article, so as to prevent spreading of the mattress or bulging of the edges, making it possible to construct a mattress having the required dimensions. Heretofore, it has been the usual 30 practice to construct a mattress slightly smaller than the required dimensions as they usually spread considerably after having been used for some time.

The present mattress is composed of an 35 upper and lower cover 2 and 3 respectively, secured together by the side edges or covering strips 4 in the usual manner. Centrally and horizontally mounted and suitably secured to the side edges 4, by stitching or 40 like means, between the top and bottom covers of the mattress, is a tie cloth or partition 5, dividing the mattress proper into two horizontal compartments. This central tie cloth being secured to the edges 4 of the 45 mattress will prevent spreading of the mattress by holding the sides together and will also prevent bulging of the edges, as shown by the dotted lines at 6, Fig. 2. When constructing a mattress as here shown it would 50 be impossible for the mattress to either spread or bulge as the tie cloth or central partition holds the sides together.

The tie cloth being of a non-stretchable and durable material will last as long as 55 any other portion of the mattress, thus pro-

ducing a mattress construction in which it is possible to construct a mattress of the required dimensions in the first place, and not relying on the spreading of the mattress to fill the required space. The mattress is otherwise constructed in the usual manner and is preferably tufted throughout, as shown at 7.

The filling of the mattress may consist of the usual material, as cotton-batting, silk 65 floss, hair, or other like material, and does not interfere with the construction of the mattress in any way.

In mattress construction where the central tie cloth is used as here shown, it is possible to use two different fillings, using a 70 higher grade or better material in the upper portion of the mattress and a cheaper or lower grade in the lower portion of the mattress. The central partition or tie cloth 75 separates the filling and to a certain extent helps to hold this in place, together with the tufting placed in the mattress, by dividing the stuffing or material into smaller portions. The mattress is otherwise in appearance 80 similar to any other mattress, but it has an advantage over others in that it may be constructed to the exact required size and will not spread or allow bulging of its edges.

The material and finish of the several 85 parts of the mattress are such as experience and judgment of the manufacturer of the mattress may dictate.

I wish it understood that various changes in the form, proportions and minor details 90 of construction may be resorted to within the scope of the appended claims, and that I do not wish to limit myself to the exact design and construction here shown.

Having thus described my invention, what 95 I claim and desire to secure by Letters Patent is—

1. A mattress comprising tufted upper and lower coverings, seamless side and end portions connecting said upper and lower 100 coverings, a separate continuous flat sheet of non-stretchable cloth of less area than either of said coverings sewed around its entire perimeter to the inner faces of said side and end portions in substantially the 105 median plane between the upper and lower coverings to form two separate compartments, and filling means for each compartment.

2. A mattress having vertical box sides, 110

a continuous binding and staying fabric secured continuously and centrally to the inner sides of the box, covers of a greater length and width than said stay, sewed
5 around the outer edges of the box and forming outwardly extending, overhanging bead-like ledges.

3. A mattress or the like, comprising a flat
10 box of fabric having spaced top and bottom tickings and edge strips attached between the tickings, a filling for the box, ties extending transversely through the box and through the filling attached to the top and
15 bottom tickings, so that the upper and lower surfaces of the mattress are tufted, and a central imperforate strain sheet parallel to and midway between the two tickings attached around its entire edge to the edge strips dividing the mattress into two completely separated compartments substantially as described.
20

4. A mattress or the like, comprising a flat

box having parallel top and bottom fabric tickings and fabric edge strips, a filling of resilient material for the box, an imperforate fabric strain sheet midway between the
25 two tickings attached around its entire edge to the edge strips dividing the mattress into two completely separated compartments, and ties extending transversely through the
30 mattress from ticking to ticking, so that the upper and lower surfaces of the mattress are tufted, the arrangement being such that the strain sheet is flat and held within the filling and held by the ties passing through
35 it, substantially as described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

JOHN HOEY.

Witnesses:

G. H. STRONG,
GENEVIEVE S. DONELIN.