

F. A. KAISER.  
MATTRESS.

APPLICATION FILED JUNE 2, 1908.

900,383.

Patented Oct. 6, 1908.

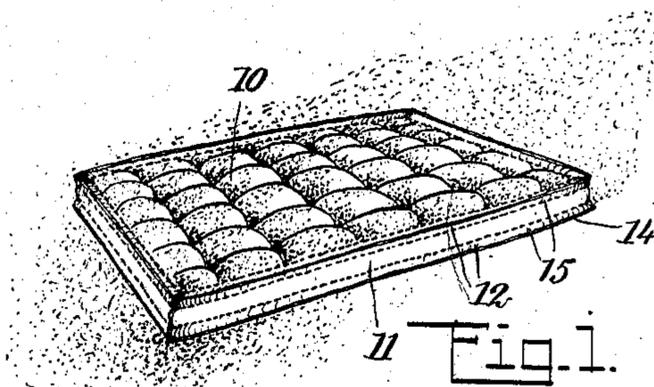


Fig. 2.

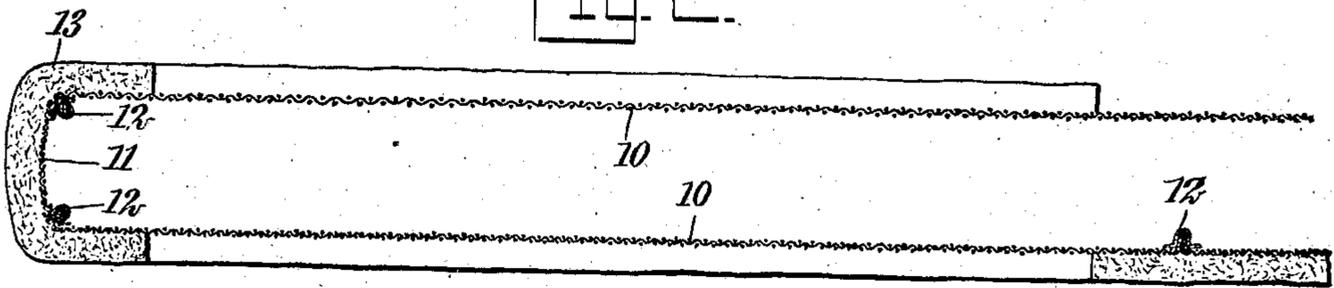
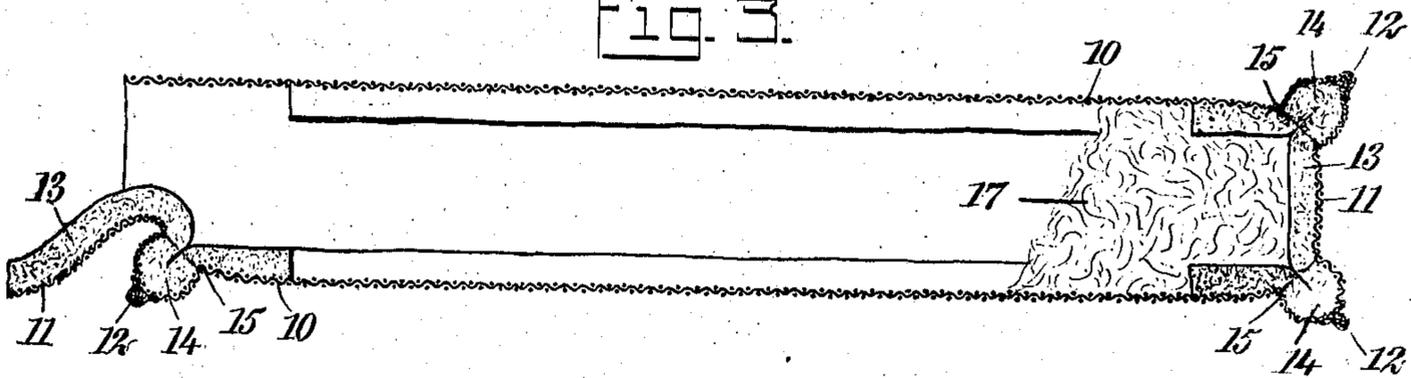
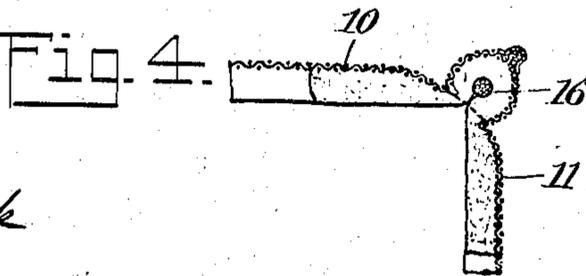


Fig. 3.



WITNESSES

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# UNITED STATES PATENT OFFICE.

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## MATTRESS.

No. 900,383.

Specification of Letters Patent.

Patented Oct. 6, 1908.

Application filed June 2, 1908. Serial No. 436,196.

### *To all whom it may concern:*

Be it known that I, FRANK A. KAISER, a citizen of the United States, and a resident of Scranton, in the county of Lackawanna and State of Pennsylvania, have invented a new and Improved Mattress, of which the following is a full, clear, and exact description.

This invention relates to certain improvements in mattresses, cushions or the like, and more particularly to the formation of the marginal portions whereby a roll edge is formed.

In the manufacture of mattresses, the usual method of procedure is to fill the tick or covering with the stuffing or filling material, and to then sew through the covering from one face to an adjacent one at a short distance from the line of intersection of said faces, in order to produce a definite and well-defined edge, commonly known as a "roll edge." It is very difficult to fill the edge uniformly throughout its length with the stuffing, so that the roll-edge is uniform.

In carrying out my invention, I provide a separate strip of felt, cotton batting or other similar material. The strip is placed along the inner surface of the covering and through a portion of this strip, after the roll edge is formed complete, the main body of the stuffing or filling material may be inserted in any manner commonly employed in the art.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures, and in which

Figure 1 is a perspective view of a mattress constructed in accordance with my invention; Fig. 2 is a transverse section through a portion of the mattress cover turned wrong side out and with the strip of felt or batting in place; Fig. 3 is a section through the completed covering with the roll edge and prior to the insertion of the filling material; and Fig. 4 is a section similar to a portion of Fig. 3, but showing a slightly modified form.

In the formation of mattresses in accordance with my invention, I provide a tick or covering of any suitable non-elastic woven fabric, the covering having top and bottom faces or sections 10, and peripheral faces or sections 11. The faces may be secured to-

gether at their lines of intersection by any suitable form of seam 12. After sewing up the covering with one side thereof open, the covering is turned wrong side out and a strip 13 of felt or cotton batting is placed over the peripheral faces and extending a short distance along the top and bottom faces, substantially as shown at the left of Fig. 2. This strip of soft material is temporarily secured in place in any suitable manner, as, for instance, by pinning or basting, and the covering is then turned right side out. I then sew or stitch through the adjacent faces at a short distance from their line of intersection, so as to secure said faces together and hold a portion of the strip therebetween, as shown in Fig. 3.

A portion of the strip is compressed and held adjacent the seam 12 to form a roll or bead 14, permanently held in place by the line of stitching 15. The mattress is then filled or stuffed with any suitable filling material 17 in any suitable manner, as, for instance, by hand or by machines designed for the purpose. The roll edge is held permanently in position, irrespective of any loosening or dislodgment of the stuffing or filling of the mattress. The strip extending across from one roll 14 to the adjacent one, serves to space the corner seams 12 apart and hold them more rigid in respect to each other and give the mattress a well-defined border.

By placing the strip 13 in position with the covering wrong side out and then turning it right side out before putting in the stitching 15, a greater amount of the strip is forced into the corner adjacent the seam 12 to form the roll. To give the roll slightly greater rigidity, I may if desired, place a cord 16 upon the inner surface of the strip, and by then stitching the faces 10 and 11 together inside of the cord, the cord comes within the roll substantially as shown in Fig. 4.

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

1. The method of making mattresses or cushions, consisting in placing a strip of felt or the like along the intersection of two adjacent inner faces and covering a portion of both of said faces, securing said strip in position by sewing through both of said faces and the strip at a distance from the line of intersection, to form a roll or bead prior to

the insertion of the main filling material and separate therefrom, and inserting said main filling material.

2. A mattress or cushion having a covering, a strip of felt or the like, separate from the filling material and in engagement with the inner surface of the covering adjacent the lines of intersection of adjacent faces, said strip being secured in place by stitching through said adjacent faces at a distance from their line of intersection, and a filling material separate from said strip.

3. A mattress having a covering, a strip of felt or the like upon the inner surface of the covering along the intersection of adja-

cent faces, a cord in engagement with the inner surface of the strip, and a line of stitching through said adjacent faces to secure them together at a distance from their line of intersection and to hold a portion of said strip and said cord therebetween to form a roll edge.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

FRANK A. KAISER.

Witnesses:

T. B. WADE,  
M. A. BARNEY.