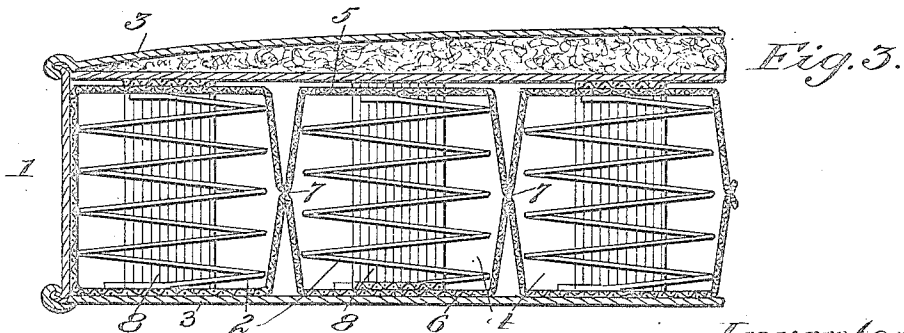
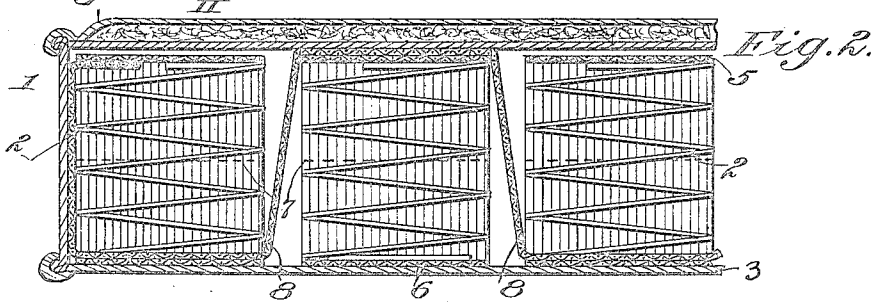
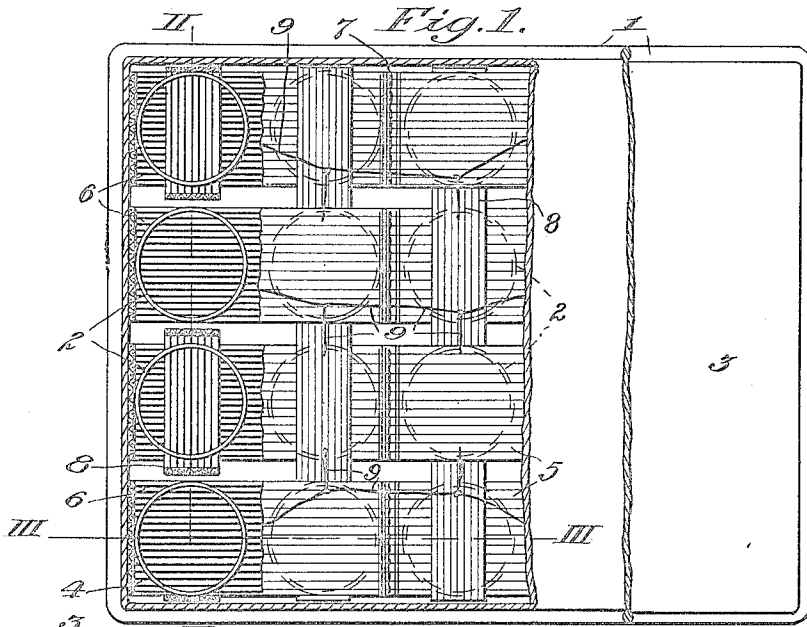


APPLICATION FILED JUNE 7, 1922.

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UNITED STATES PATENT OFFICE.

DAVID FISS AND MORRIS RIMLAND, OF NEW YORK, N. Y.

SPRING CUSHION.

Application filed June 7, 1922. Serial No. 566,537.

To all whom it may concern:

Be it known that we, DAVID FISS, a subject of the Sultan of Turkey, and MORRIS RIMLAND, a citizen of Poland, both residents of New York, in the county and State of New York, have invented certain new and useful Improvements in Spring Cushions, of which the following is a full, clear, and exact specification.

This invention relates to spring cushions adapted for use in mattresses, upholstery and pillows.

It is the object of the present invention to provide improved and simplified means for encasing a plurality of coiled springs so that they will not come in contact with one another though arranged close together, thereby avoiding the noise caused in other cushions by the springs striking one another.

The invention will be first hereinafter described in connection with the accompanying drawings, which constitute part of this specification, and then more specifically defined in the claims at the end of the description.

In the accompanying drawings, wherein similar reference characters are used to designate corresponding parts throughout the several views:—

Figure 1 is a broken plan view of a cushion made substantially in accordance with this invention.

Figure 2 is a section taken on the line II—II of Figure 1, and

Figure 3 is a section taken on line III—III of the same figure.

The cushion 1 may be made in different dimensions and the coiled springs 2 used therein may vary in size according to requirements. The outer casing 3 of the cushion may also be made and shaped in various ways without departing from this invention which relates particularly to the manner of encasing and separating adjacent springs from one another.

The springs 2 are preferably arranged in parallel rows, each row being encased in transverse pockets 4 in longitudinal double strips 5 and 6 of suitable fabric. Said pockets are formed by stitching or otherwise securing said strips 5 and 6 together trans-

versely at regular intervals, as indicated at 7, said seams or lines of connection between the strips being arranged between adjacent springs when the latter are inserted into the pockets. The strips 5 and 6 covering the top and bottoms of the springs, may of course be made of a single piece of fabric folded upon itself as shown. Said strips are preferably of a width to about correspond to the diameter of the springs.

After each row of springs has been encased in the pockets 4 of the strips 5 and 6, said rows of springs are placed side by side and transverse strips 8 of fabric interwoven across said rows so as to extend upward between alined springs of adjacent rows and downward between alined springs of the next rows, thereby serving to separate the coils of the springs transversely of the cushion while the pockets between the longitudinal strips 5 and 6 separate said springs longitudinally of the cushion. The several rows of encased springs are finally fastened more securely together by tie threads or cords 9 looped through the adjacent portions of the upper and lower coils of the springs and the fabric strips encasing and separating said springs.

We claim:—

1. The combination with a plurality of rows of springs, of separating strips of substantially the same width as the springs extending along and between those of each row, and means for separating alined springs of different rows.

2. The combination with a plurality of rows of springs, of separating strips of substantially the same width as the springs extending along and between the springs of each row, and other separating strips extending across and between alined springs of different rows.

3. The combination with a plurality of rows of springs, of separating strips secured together at intervals to form pockets for the springs in the same row, and other strips extending across and between the alined springs of different rows.

4. The combination with a plurality of rows of springs, of separating strips secured together at intervals to form pockets for the

springs in the same row, and other strips and other strips interwoven across the rows interwoven across the rows and extending and extending across the pocketed strips and 10 between alined springs of different rows. between alined springs of different rows.

5 The combination with a plurality of In testimony whereof we have signed our names to this specification.
rows of springs, of separating strips secured together at intervals to form pockets for the springs in the same row, said strips being substantially the same width as the springs,

DAVID FISS.
MORRIS RIMLAND.