

F. K. BROADHURST & O. R. RAND.
MATTRESS PROTECTOR.

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920,256.

Patented May 4, 1909.

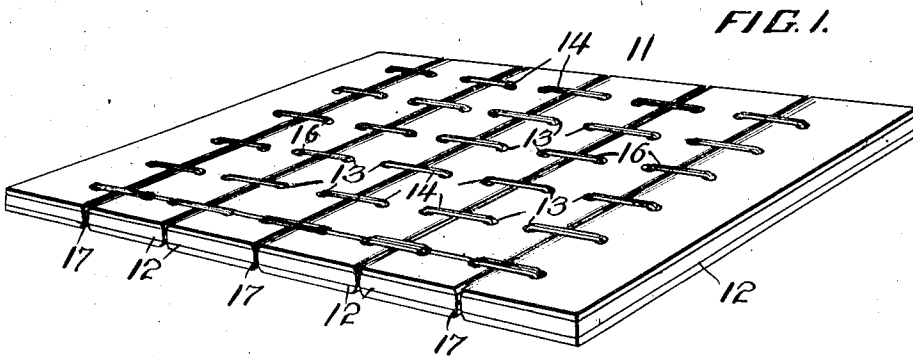
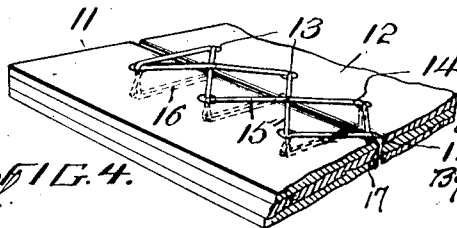
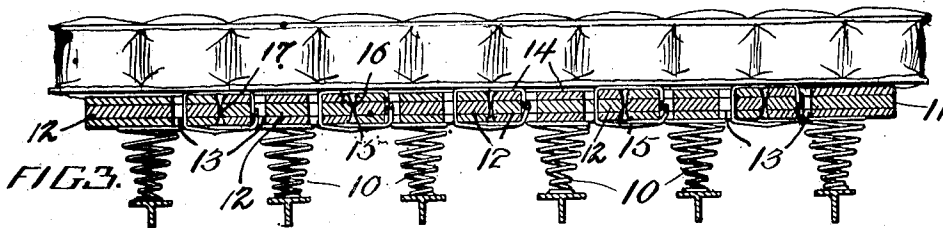
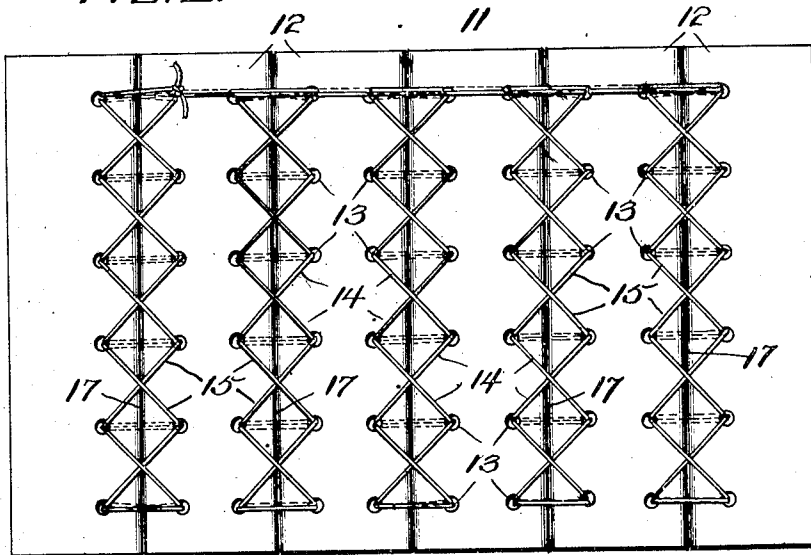


FIG. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

FRANK K. BROADHURST AND OSCAR RIPLEY RAND, OF SMITHFIELD, NORTH CAROLINA.

MATTRESS-PROTECTOR.

No. 920,256.

Specification of Letters Patent.

Patented May 4, 1909.

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To all whom it may concern:

Be it known that we, FRANK K. BROADHURST and OSCAR R. RAND, citizens of the United States, residing at Smithfield, in the county of Johnston and State of North Carolina, have invented certain new and useful Improvements in Mattress-Protectors, of which the following is a specification.

The present invention relates to mattress protectors for spring beds, and has specially in view a flexible under-support for the mattress which covers the bed springs and prevents the same from injuring the mattress.

With the above and other objects in view the invention contemplates the employment of a plurality of strips of thin wood veneer or equivalent material connected together lengthwise by flexible lacings to form a flexible covering for the bed springs to prevent the same chafing or otherwise injuring the mattress.

In carrying out the invention changes in material and structural arrangements may be resorted to, but a preferred and practical embodiment of the same is shown in the accompanying drawings, wherein—

Figure 1 is a perspective view of the improved mattress protector. Fig. 2 is a plan view thereof. Fig. 3 is a sectional view showing the protector in its applied position. Fig. 4 is a detail view showing more plainly the lacings.

Like characters of reference designate corresponding parts.

In the accompanying drawings, the numeral 10 designates the usual springs of a spring bed, upon the upper surface of which the protector 11 rests. This protector is preferably formed of a plurality of thin strips of wood veneer or equivalent material 12, the longitudinal edges of which have formed through them a plurality of lacing holes 13 which receive the lacing cords or equivalent lacings 14.

Preferably the lacing cord or equivalent material 14 is continuous for the entire surface of the protector, and is preferably passed through the oppositely located lacing openings in the edges of the strips 12 in such a manner that on one side of the protector the lacing connects adjoining strips by the zig-zag or diagonal runs 15, and on the other side of the protector by the straight runs 16 (see Figs. 1 and 2). While this described form of lacing is one that fully subserves the purpose of permitting the protector to be

rolled or folded, it will of course be understood that the same is but one of many forms that may be used. The adjoining edges of each strip is preferably rounded as indicated at 17, thereby providing complete hinges for all of the strips so that the protector can be rolled up like a blanket, when desired for packing or shipping purposes.

In using the protector, the same is placed over the bed springs and has its corners suitably secured by clamps or fastenings to the bed posts. The usual mattress is then placed over the protector and is thereby protected from any injury from the springs, as the said protector prevents any contact between the springs and the mattress. It will be understood that as the strips have a flexible hinge connection, they will readily yield to the usual, or any unusual, weight upon the mattress, and also through the medium of said flexible hinge connection, the protector may be readily rolled, or folded compactly when desired.

It has already been pointed out that the several strips 12 which constitute the body portion of the protector have a flexible hinge connection. This hinge connection has been described as usually consisting of cord lacings, but it will of course be obvious that in a broad aspect the necessary flexible hinge connections between the several strips may be formed by strips of canvas or other fabric cemented or glued at the edges in any suitable way to the strips 12, and hence subserving the functions of the lacings. Other hinging expedients may obviously be resorted to without departing from the broad idea of the invention.

Claims:—

1. A mattress protector, comprising a plurality of flat strips that will lie flat upon the springs of a bed, said strips being disposed edge to edge, and separate flexible connections between the adjacent edges of adjoining strips.

2. A mattress protector, comprising a plurality of flat strips, each of said strips consisting of sheets of veneer secured together, said strips having lacing openings through their opposite marginal portions, and lacings passing through said marginal portions and connecting the adjacent strips.

3. A mattress protector consisting of strips, the adjoining edges of which are provided with lacing openings, and lacing cords flexibly connecting said strips, said lacings

on one side of the protector being in zig-zag or diagonal runnings, and on the other side in straight-across runnings.

4. A mattress protector, comprising a plurality of strips located edge to edge, and independent connections between the adjoining margins of the adjacent strips, said connections extending substantially from end to end of the strips.

In testimony whereof we hereunto affix 10 our signatures in the presence of two witnesses.

FRANK K. BROADHURST.
OSCAR RIPLEY RAND.

Witnesses:

W. M. SANDERS,
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