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J. PECORELLA

3,538,536

CARPET SECURING MEANS

Filed Jan. 26, 1968

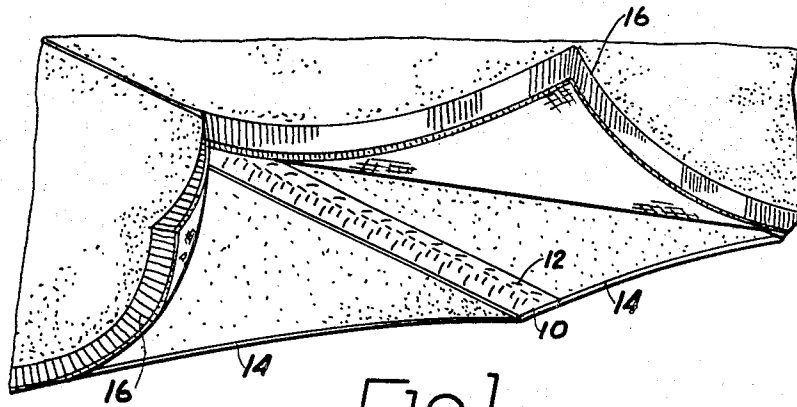


FIG. 1.

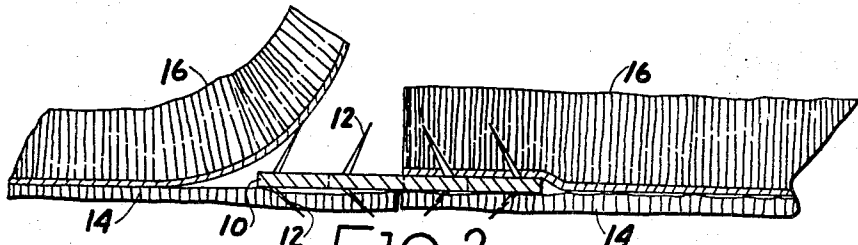


FIG. 2.

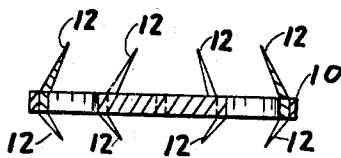


FIG. 5.

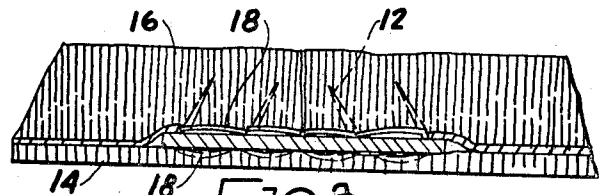


FIG. 3.

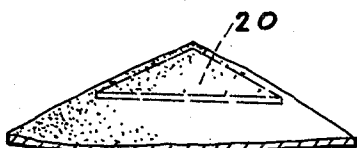


FIG. 6.

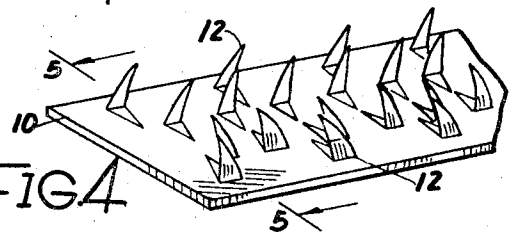


FIG. 4.

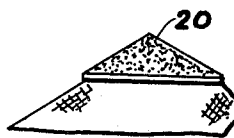


FIG. 7.

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CARPET SECURING MEANS

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1 Claim

ABSTRACT OF THE DISCLOSURE

A device used for securing vertically and/or horizontally separated horizontal layers of material in such manner as to form tight seams or joints without serving or the like.

SUMMARY OF THE INVENTION

My invention comprises a flat horizontal support having a first set of sharp prongs extending inclinedly upwards therefrom and a second set of sharp prongs extending inclinedly downwards therefrom. A carpet can be placed over the first set and an underlayment can be placed under the second set. When the first set of prongs are struck by a hammer or the like, both sets of prongs are flattened essentially horizontally and the carpet and underlayment can be secured tightly together. If desired, the carpet and/or layment can be in pieces which are butted together whereby a tight seam is formed therebetween after the prongs have been flattened. The support can be cut or trimmed by hand to any desired shape.

BRIEF DESCRIPTION OF THE DRAWINGS

In the drawings:

FIG. 1 is a cut away perspective view of my invention in use;

FIG. 2 is a side view of my invention in use before the prongs are flattened;

FIG. 3 is a view similar to FIG. 2 but after the prongs have been flattened;

FIG. 4 is a perspective view of my invention per se;

FIG. 5 is a view through 5—5 in FIG. 4;

FIG. 6 is a top view of my invention as used in holding a corner of a carpet; and

FIG. 7 is a bottom view of the invention in use shown in FIG. 6.

DETAILED DESCRIPTION OF PREFERRED EMBODIMENTS

Referring now to FIGS. 1-5, a flat sheet 10 of sheet metal or other thin material which has structural strength and yet can be trimmed or cut as desired forms a base from which sharp pointed prongs 12 extend inclinedly upwards and inclinedly downwards therefrom. These prongs are arranged in rows (four rows are shown), the prongs defining an angle of vertical inclination of approximately 60°. (Of course, other angles can be used when desired.)

Two pieces of underlayment 14 can be butted together and placed underneath the downwardly extending prongs. Two pieces of carpet 16 can be butted together and placed on top of the upwardly extending prongs. Then as the upper prongs are flattened with a hammer or the like, the prongs become almost horizontal and form tight loops

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18 which secure the carpet tightly to the underlayment for tackless installation and the like and at the same time converts the butt joints into tight seams.

While the sheet 10 has been described thus far as a straight elongated member, it can be cut into different shapes for different uses as for example a triangular shape 20 for the corner of a carpet 16 as shown in FIGS. 6 and 7.

While I have described my invention with particular reference to the drawings, my protection is to be limited only by the terms of the claims which follow.

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

1. A carpet seam securing device for securing butted edges of carpeting together comprising

(a) a flat, elongated strip of rigid material adapted to receive thereon along an imaginary seam line extending parallel with the longitudinal axis of said strip both edges of a carpet making up a seam in overlaying relationship relative to said strip and in abutting relationship to each other;

(b) a first set of sharp prongs in at least on row parallel to said axis and extending upwardly from said strip and inclining toward said axis;

(c) a second set of sharp prongs disposed in at least one row parallel to said axis and extending upwardly from said strip and inclining toward said axis on the opposite side thereof;

(d) each of said first and second set of prongs being adapted to be inserted through the bottom surface of a carpet to extend into the pile portion thereof and said prongs being formed of rigid material that will bend in response to a sharp blow,

(e) the respective edges of a first and second carpet portion being secured together in abutting relation by inserting the prongs of each of said sets into said first and second carpet whereby the carpet portions are in secured abutting relation after the respective sets of prongs are struck with a hammer or the like,

(f) the prongs being hammered into substantially horizontal position directed toward the axis of the strip to thereby clamp the carpet to the strip,

(g) including a third and fourth set of prongs disposed on the bottom of said strip, respectively disposed in one or more rows parallel to said axis on opposite sides thereof, each of said sets of prongs inclining towards the axis and adapted to be bent in a substantially horizontal position whereby padding under said carpeting is secured to said strip when said strip is disposed between said carpet and said padding.

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