Oct. 11, 1938. J. L. TUTHILL 2,132,499

WALL COVERING

Filed Feb. 19, 1937

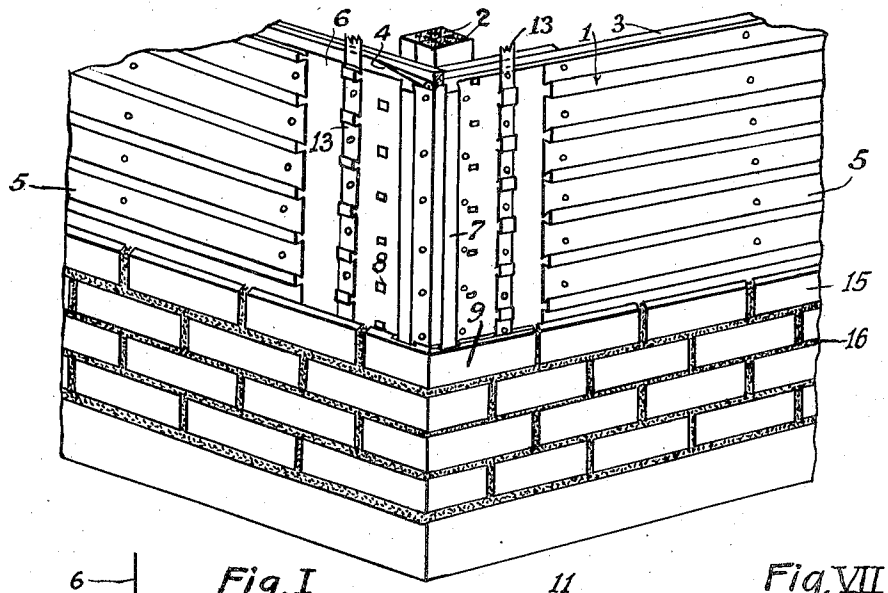


Fig. I

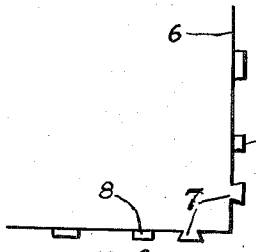


Fig. II.

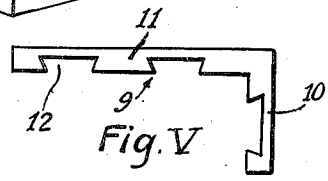


Fig. V

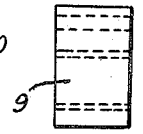


Fig. VII

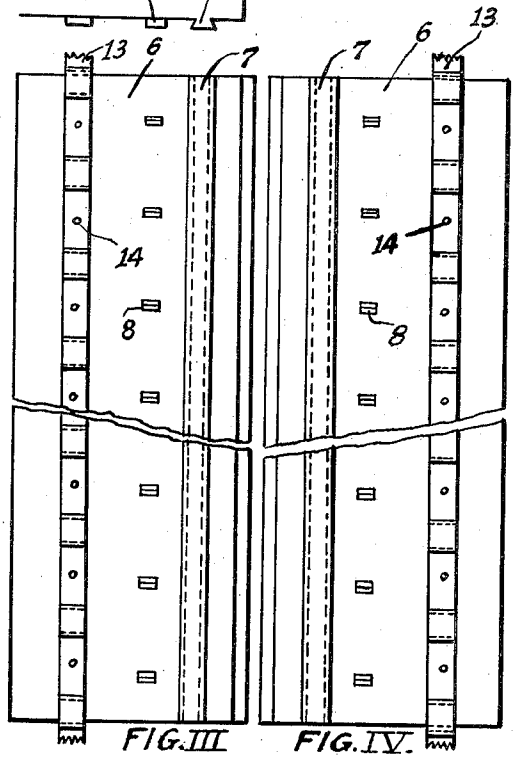


FIG. III FIG. IV.

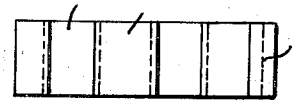


Fig. VI

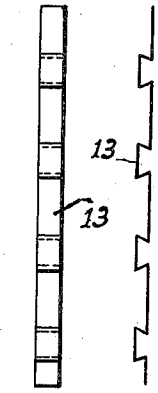


Fig. IX.

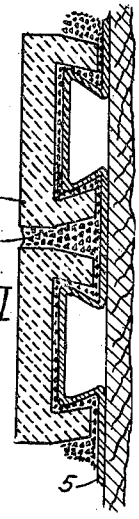


Fig. VIII

Fig. X.

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WALL COVERING

Jay Lloyd Tuthill, Pittsburgh, Pa.

Application February 19, 1937, Serial No. 126,601

3 Claims. (Cl. 72—19)

One object of my invention is to provide a corner block for a veneered building which is so shaped that it can be used either as a left or right block at the corner.

Secondly my intention is to provide metal sheeting of such construction as to readily position the corner block thereon and to securely hold it in position when the cement has hardened.

Briefly speaking my invention consists in providing a resilient sheet of wall covering material bent to form a dihedral angle and having lugs stamped outwardly on the sheet to vertically position the block and having dovetail strips running vertically to securely lock the blocks in position when the cement has hardened.

For a better understanding of my invention, reference may now be made to the accompanying drawing.

Figure I of which is a view, in perspective, of a building constructed in accordance with my invention.

Figs. II, III and IV are views in plan, side and end elevation, of a sheet of resilient wall covering material constructed in accordance with my invention and illustrated in Fig. I of the drawing.

Figs. V, VI and VII are views, in plan, side and end elevation, respectively, of one of the corner blocks or tile illustrated in Fig. I of the drawing.

Fig. VIII is a cross sectional view of a portion of the sheeting and several building blocks mounted thereon taken along the line VIII—VIII of Fig. I.

Figs. IX and X are views in plan and end elevation, respectively, of one of the dovetail strips illustrated in Figs. I to IV, of the drawing.

Referring particularly to Figure I of the drawing, a building 1, only the corner of which is illustrated, comprises two vertically positioned studs 2 on which are attached wood sheeting 3. Building paper 4 is tacked on the weather boarding to provide heat insulation.

Sheets of wall covering material 5 are then nailed to the weather sheeting or boarding 3 along the sides of the building. Resilient sheets of steel 6 are nailed to the boarding 3 at the corner of the building. Each of the sheets 6 is bent to form a dihedral angle, usually 90°, and one of these sheets is illustrated by Figs. II, III and IV of the drawing.

Each sheet 6 has two dovetail grooves 7 pressed therein, one on each side of the vertex of the dihedral angle. There are a plurality of lugs 8 pressed outwardly in the sheet 6. Each of the lugs 8 forms a partial support for a block 9 and acts as a vertical spacer.

Each of the corner blocks 9 has a short arm 10 and a long arm 11. Looking down on a block 9, it is L shaped and is so designed that one block may have its short arm 10 on one side of the corner of the building while the next block 9 will have its long arm 11 just above the short arm 10 of the corner block 9 below it. There are two dovetail grooves 12 in the arm 11 and one in the arm 10 of the block 9. These grooves 12 are so designed as to permit the same shaped block 9 to be used as either a left or right block at the corner of the building 1.

There are two separate metal dovetail strips 13, one of which is illustrated by Figs. IX and X of the drawing, fastened on the sheet 6 by means of nails 14 which are driven through the sheet 6 and the weather boarding 3. These strips 13 extend up and down and are near the corner of the building. Their function is to hold the block 9 in position.

A plurality of blocks 15 are secured to the metallic sheeting 5 by mortar cement 16, as best illustrated in Fig. VIII of the drawing. This method of securing block 15 to the metal sheeting is fully described in United States Patent No. 2,031,680 dated February 25, 1936 and issued to applicant.

The corner blocks 9 are mounted upon the building 1 by spreading mortar cement 16 on the sheets 6 and then mounting the block 9 thereon in the position illustrated in Fig. I of the drawing. When the cement 16 hardens it forms a key between the block 9 and strips 13 and the dovetail grooves 7 of the sheet 6 to lock the block in position.

What I claim as my invention is:

1. The combination with a sheet of wall covering material bent to form a dihedral angle and having a dovetail projection pressed therein and running parallel to the vertex of said angle, of a corner block having a corresponding dovetail groove therein adapted to be superimposed over said dovetail projection in said sheet and cement placed between said sheet and said block to secure said block to said sheet by means of a key being formed by said cement between the dovetail projection of the sheet and the dovetail groove of the block.

2. The combination of a sheet of wall covering material bent to form a dihedral angle and having a dovetail projection pressed therein and running parallel to the vertex of said angle, of a dovetail strip attached to said sheet and ex-

tending parallel to said vertex of said angle, a corner block having a plurality of grooves therein and cement placed between said sheet and said block for locking the dovetail projection of said sheet and the dovetail strip to said dovetail in said block.

3. The combination with a sheet of wall covering material bent to form a dihedral angle and having a dovetail projection pressed therein and running parallel to the vertex of said angle, of a corner block having a corresponding dovetail groove therein adapted to be superimposed over said dovetail projection in said sheet, a plurality of uniformly vertically spaced lugs stamped in said sheet adjacent said dihedral angle for partially supporting said block and cement placed between said sheet and said block to secure said block to said sheet by means of a key being formed by said cement between the dovetail projection of the sheet and the dovetail groove of the block.

JAY LLOYD TUTHILL.