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CORNER AND BUILDING CONSTRUCTION

Filed Aug. 26, 1931

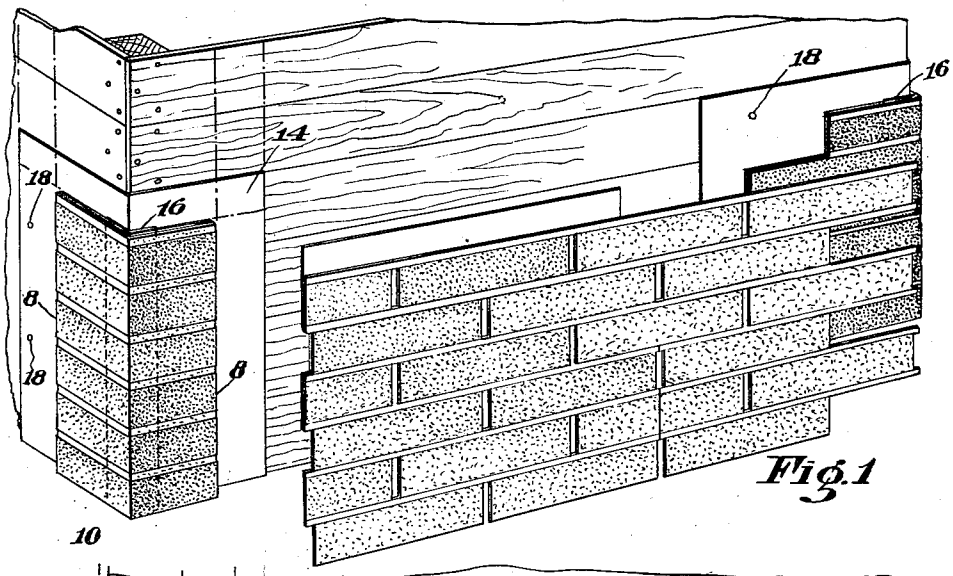


Fig. 1

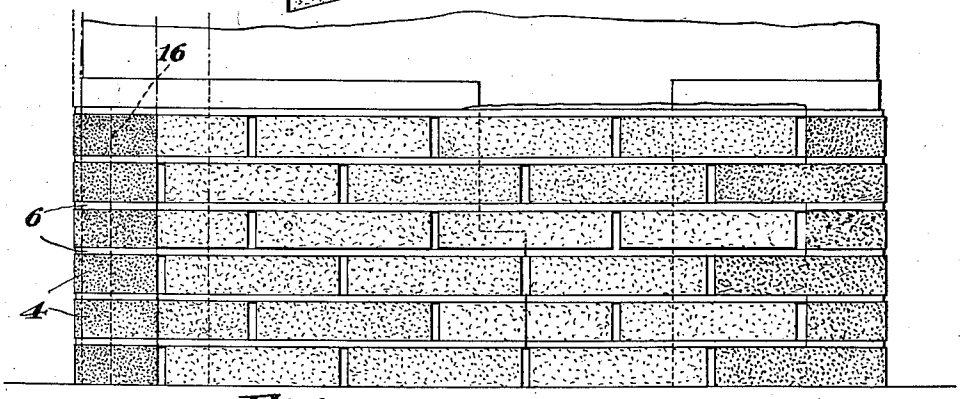


Fig. 2

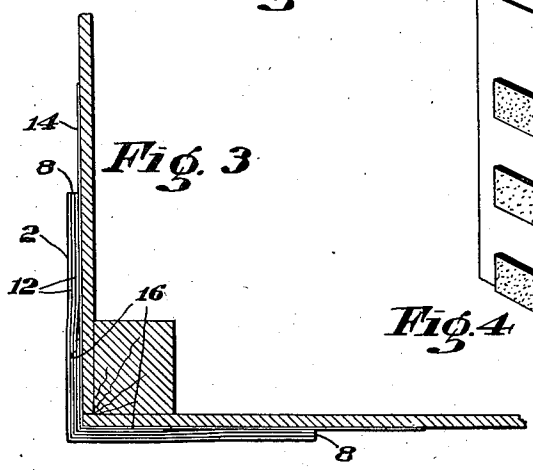


Fig. 3

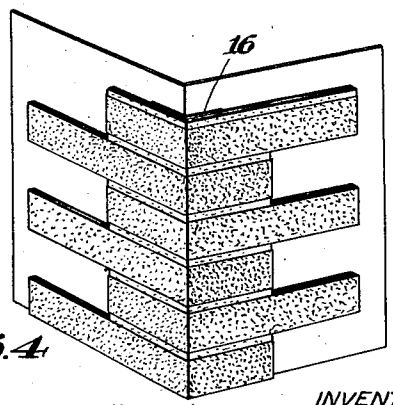


Fig. 4

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CORNER AND BUILDING CONSTRUCTION

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Application August 26, 1931, Serial No. 559,444

7 Claims. (Cl. 20—5)

This invention relates to an improved and attractive corner and building construction so as to secure a sightly imitation brick wall construction. It has particularly to do with the provision of an improved corner, and the combination therewith, in an imitation brick wall construction, of siding strips of the general type set forth in the application of B. H. Roberts, et al., Serial No. 452,608, filed May 15, 1930, and patented Oct. 6, 1931 as Patent No. 1,826,674 or the multiple course construction as described in the application of Eli L. Chamberlain, Serial No. 556,804, filed August 13, 1931.

The invention is best explained in connection with the accompanying drawing, in which like numerals represent like parts.

In the drawing which shows the preferred form of corner and building construction:—

Fig. 1 is a perspective view of a portion of a building having two different types of corner elements made in accordance with this invention and also showing siding strips in position ready to be applied thereto;

Fig. 2 is an end elevation of the building showing the same with the siding strips fixed in position as combined therewith;

Fig. 3 is a plan view of a corner element shown in position on a corner of a building, the wall and corner member of the building shown in cross section; and

Fig. 4 is a perspective view of a modified form of corner element such as that shown at the right in Figs. 1 and 2.

The preferred form of corner element in accordance with this invention ineludes a plurality of layers of asphalt saturated felt exposing an outer layer 2 having thereon a surfacing of finely divided mineral matter (e. g. crushed slate) applied in wide and narrow stripes so as to give the visual appearance of courses of brick being indicated at 4 and the mortar lines at 6. The outer layer 2 is made of such a size that the wings thereof delineate an end (or half of the side) of a brick and the edges 8 remote from the corner 10, are adapted to abut edges of the siding strips or elements and form a close fitting joint therewith. The exposed portion of outer layer 2 of each corner element is held sufficiently spaced from the side of the building by one or more underlayers 12, which serve to build up the thickness of the corner element to substantially the thickness of the siding strips abutting the edges 8, and, in effect, continue the outer surface thereof. The layers 2 and 12 are adhesively attached together by means of asphalt and the bottom layer 12 is preferably attached to a flashing 14 which extends laterally well beyond the edges 8 and also extends above the top of the layers 2 and 12 to provide a flashed and water tight joint at the edges 8 as well as the top of the layers 2 and 12. The underlayer 12 is adhesively attached to the flashing member 14 and the two preferably hold, embedded therebetween, a reenforcing member 16. In practice we have employed a galvanized iron two inch angle and it has been found sufficiently strong to stiffen and protect the corner element.

Referring to Fig. 1, our preferred form of corner element is there shown attached in place (at the left hand corner of the building) being there held by nails 18, and at the right hand corner of the building is shown a modified form of corner element, as shown in Fig. 4, presently to be described. The corner elements having been attached to the corners of the building, the siding elements are applied so as to overlie the flashing 14, and are held in place by any suitable means, such as nails or the like. The siding elements may be cut, if necessary, so as to indicate vertical mortar lines in the alternate courses of brick, as shown in Figs. 1 and 2, thus to give the visual appearance of header and stretcher bricks at the corner of the building (Fig. 2).

Referring to Fig. 4, there is shown a modified form of corner element in which the edges are notched to provide staggered edges at the sides to fit staggered siding elements. Here, as in the case of the element shown in Fig. 1, the vertical mortar lines are indicated so as to provide the visual appearance of header and stretcher bricks, though here the corner element itself provides both headers and stretchers.

It will be seen from Fig. 2 that the combined corner elements and side elements, when attached to the wall as shown, provide a corner of neat and uniform appearance, without the necessity for fitting each course of siding elements together at the corners of the building. In practice heretofore this has resulted in an objectionable and unsightly corner, as the corners could not be abutted so as to give a uniform appearance, and the courses tended to "wing-out" and leave openings at the corner joints. The construction of this invention provides a vertical corner at the corner of the building and also gives vertical edges against which edges of the siding elements may be abutted. Moreover, in the preferred form the joints at the side edges are flashed so as to prevent the ingress of snow or rain. At the top the flashing is thin enough

so that no appreciable projection occurs at the abutting edges of adjacent corner elements and this joint is also flashed so as to prevent the ingress of rain.

Though the drawing shows the multiple course siding element, as described in the said Chamberlain application, it will be appreciated that single course strip elements, as in Roberts and Gach, or even individual siding elements, may be employed. In each case the herein described corner element provides a flashed abutting joint so as to give weather protection and desired visual appearance.

Having described our invention, what we wish to claim and secure by Letters Patent is:

1. As a new article of manufacture, a building corner element having a flashing portion of flexible waterproof sheet material, and having attached to and extending from said flashing portion an exposed portion of asphalt-saturated felt with an adherent surfacing of finely divided mineral matter divided into horizontal stripes to provide a plurality of brick and mortar appearing portions of contrasting color, the side and top edges of said exposed portion being well within the side and top margins of said flashing portion and being relatively thick whereby to provide an abutment for and to flash the edges of courses of siding elements laid thereagainst.

2. As a new article of manufacture, a building corner element having a flashing portion of flexible waterproof sheet material, a reinforcing member, and having attached to and extending from said flashing portion an exposed portion of asphalt-saturated felt with an adherent surfacing of finely divided mineral matter divided into horizontal stripes to provide a plurality of brick and mortar appearing portions of contrasting color, the side and top edges of said exposed portion being well within the side and top margins of said flashing portion and being relatively thick whereby to provide an abutment for and to flash the edges of courses of siding elements laid thereagainst.

3. As a new article of manufacture, a preformed right angle corner element having a flashing portion of flexible waterproof sheet material, and having attached to and extending from said flashing portion an exposed portion of asphalt-saturated felt with an adherent surfacing of finely divided mineral matter divided into horizontal stripes to provide a plurality of brick and mortar appearing portions of contrasting color, the side and top edges of said exposed portion being well within the side and top margins of said flashing portion and being relatively thick whereby to provide an abutment for and to flash the edges of courses of siding elements laid thereagainst.

4. As a new article of manufacture, a preformed right angle corner element having a flashing portion of flexible waterproof sheet material, and an angle iron reinforcing member attached thereto, and having attached to and extending from said flashing portion an exposed portion of asphalt-saturated felt with an adherent surfacing of finely divided mineral matter divided into horizontal stripes to provide a plurality of brick and mortar appearing portions of contrasting color, the side and top edges of said exposed portion being well within the side and top margins of said flashing portion and being relatively thick whereby to provide an abutment for and to flash the edges of courses of siding elements laid thereagainst.

5. In building construction, a building with supporting walls, a vertical series of preformed corner elements at the junctions of said walls, each of said elements having an exposed portion of asphalt-saturated felt with an adherent surfacing of finely-divided mineral matter divided into horizontal stripes to provide a plurality of brick and mortar appearing portions of contrasting color, flashings extending beyond the side and top edges of said exposed portions, and brick appearing siding elements overlapping said flashings and abutting the side edges of said exposed portions.

6. In building construction, a building with supporting walls, a vertical series of preformed reinforced corner elements at the junctions of said walls, each of said elements having an exposed portion of asphalt-saturated felt with an adherent surfacing of finely-divided mineral matter divided into horizontal stripes to provide a plurality of brick and mortar appearing portions of contrasting color, flashings extending beyond the side and top edges of said exposed portions, and brick appearing siding elements overlapping said flashings and abutting the side edges of said exposed portions.

7. As a new article of manufacture, a building corner element having a flashing portion of flexible waterproof sheet material, and having attached to and extending from said flashing portion an exposed portion of asphalt-saturated felt with an adherent surfacing of finely divided mineral matter divided into horizontal stripes to provide a plurality of brick and mortar appearing portions of contrasting color, the side and top edges of said exposed portion being well within the side and top margins of said flashing portion.

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