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CORNER POST COVERING FOR HOME RECONSTRUCTION

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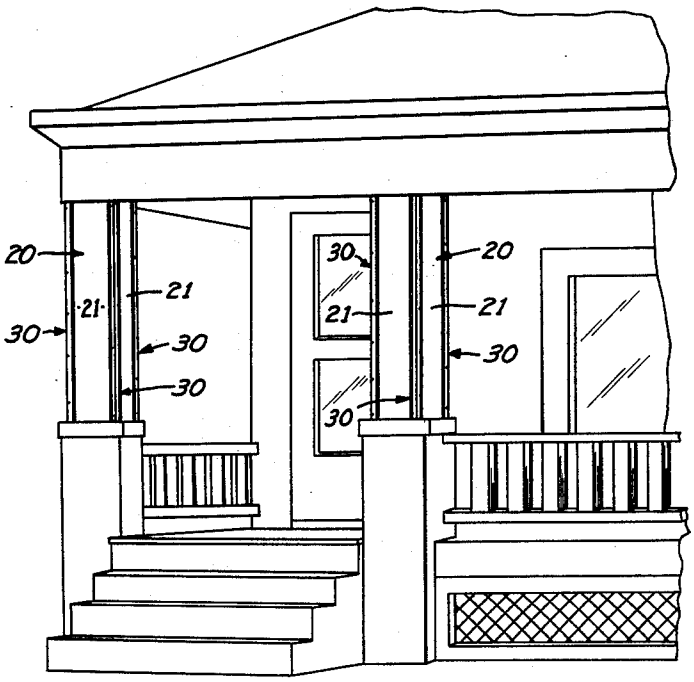


Fig. 1.

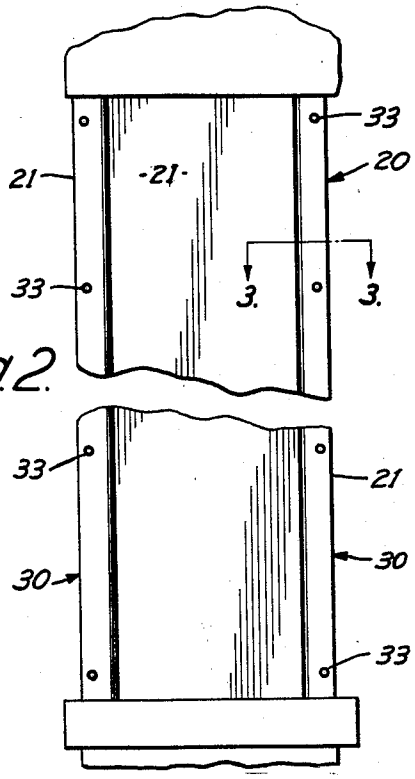


Fig. 2.

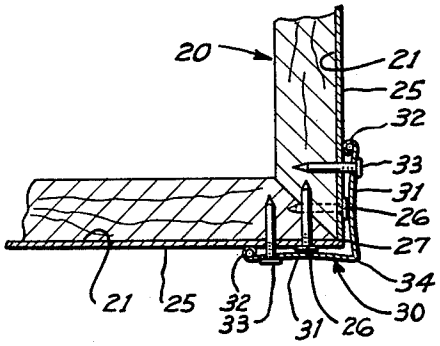


Fig. 3.

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CORNER POST COVERING FOR HOME RECONSTRUCTION

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This invention relates to metal siding construction and more particularly to sheet metal siding and corner covers suitable for use on a post.

In recent years there has been greatly increased use of sheet metal siding and especially aluminum siding for building reconstruction. Conventionally this siding is formed in elongated strips which are nailed horizontally to the surface of the buiding in an overlapping relationship. Where the strips on adjacent faces of the building meet, corner covers are used to close off the corner, one cover being used for each pair of meeting strips at each corner. Conventionally the strips of siding are 4 to 8 inches in width so there are many corners which must be closed, each with a separate corner cover. Buildings are apt to have several posts supporting porch roofs, which also are sides. Quite often these posts are exposed on all sides and usually are positioned to be vulnerable to bumping and other damage.

The prior art method of placing siding on posts has been the same as that used to place it on the buiding. With this prior art method of siding posts, an equal number of corner covers are required for a 6 inch square post as are required for a whole house of the same height. This obviously is time consuming and expensive. Also with the siding being overlapped and thus having portions which are not flush against the post, this siding is vulnerable to denting and other damage when bumped.

According to this invention a post can be sided and the corners covered easily using only as many corner covers as there are corners on the post, i.e. four corners require only four corner covers. Also, the siding strips, other than the corners, are secured flush against the post to resist denting.

It is therefore a principal object of this invention to provide new and novel corner covers and sheet metal siding for use on a post.

A more particular object of this invention is to provide a corner cover for use in conjunction with metal siding on posts which cover provides an effective weather seal.

Another more general object of this invention is to provide a novel and improved combination of siding sheets and corner covers for a post in which the sheets are flush against the faces of the post.

Yet another object is to provide corner covers and siding sheets according to the above objects which are easily and economically installed and greatly enhance the appearance of the post.

Other objects and a fuller understanding of the invention may be had by referring to the following description and claims taken in conjunction with the accompanying drawing in which:

FIGURE 1 is a perspective view of typical application of siding and corner covers installed on a pair of posts;

FIGURE 2 is an elevational foreshortened view, on an enlarged scale from FIGURE 1, of a post with siding and corner covers installed; and,

FIGURE 3 is a sectional view, on an enlarged scale from FIGURE 2 as taken along the plane designated by line 3—3 of FIGURE 2.

Referring now to the drawing, the novel and improved siding sheets and corner covers are shown in-

stalled on a wood post designated by the number 20. Conventionally the post 20 will be square or rectangular, although it may have other cross sectional configurations. It will be readily apparent that these sheets and corner covers may be used on any post that has a plurality of faces meeting at corners. The post 20, in the disclosed embodiment, has four faces 21 upon which metal siding sheets 25 are installed.

Preferably the sheets 25 are aluminum, although steel or other material may be used. Each sheet 25 is cut to substantially conform with one of the faces 21 of the post. The sheets 25 are nailed as at 26 to affix the sheets flush against the faces 21. As can best be seen in FIGURE 3, the corners are not boxed in tightly by the siding since, as a practical matter it is impossible to provide a weather tight seal between the adjacent siding sheets 25. As thus assembled the post 20 with the installed siding 25 has four corners 27 which are exposed to the atmosphere and present a rather unsightly appearance. This exposure would allow moisture and other atmospheric conditions to adversely affect the wood to produce dry rot, etc.

Four corner covers 30 are provided, one to close each corner. Each corner cover '30 extends substantially the entire length of its respective corner to provide a complete closure for the corner. The corner covers 30 each have a pair of arms 31 joined at 34, and projecting at about 90° angles from each other. The end portions of each arm 31 are rolled under at 32. The rolled portions 32 of each corner cover 30 are held in compressive abutment with adjacent metal sheets 25 by nails 33 driven through the arms 31 of the corner covers and the metal sheets 25 into the post 20. As can best be seen in FIGURE 3 the nails 33 are located between the rolled end portion 32 and the place 34 where the arms are joined. The nails are driven in such that the arms 31 bow inwardly. This causes the rolled end portions 32 to provide a somewhat spring-like action which constantly urges the rolled portions 32 against the metal sheets 25 along the entire length of contact with the metal sheets 25. Thus, a weather-tight seal is provided around each of the corners 27 which protects the wood and the edges of the metal sheets 25 from deleterious effects of surrounding atmosphere.

With the sheets 25 flush against the faces of the post, there is less of a propensity toward damage of the siding by bumping. This feature is especially desirable on porch posts or the like which are exposed and susceptible to being bumped in the normal course of events.

In addition to providing a tight weather seal and a damage resisting structure this metal sheet and corner-cover construction provides an aesthetically pleasing post. The corner covers 30 extend from the faces of the metal siding 25 and produce a massive appearance at the corners while the metal sheets between the corners provide a trim, straight line appearance. The combined effect of the metal sheets 25 and the corner cover 30 produces an aesthetically pleasing column at a very low cost and are distinctive from, yet harmonize with the remainder of the house.

With this novel and improved construction but four corner covers are needed for a rectangular or square post rather than four covers for every 4–8 inch height of the post. Also, each face of the post is covered with a single sheet of metal siding rather than one sheet for every 4–8 inch height of the post. These two features in addition to providing an aesthetically pleasing appearance greatly reduce the cost of installation and materials.

Although the invention has been described with a great deal of detail it is believed that it essentially comprises a combination of metal sheets affixed flush to the

faces of a post and corner covers, having rolled under end portions, in sealing engagement with the sheets.

Although the invention has been described in its preferred form with a certain degree of particularity, it is understood that the present disclosure of the preferred form has been made only by way of example and that numerous changes in the details of construction and the combination and arrangement of parts may be resorted to without departing from the spirit and the scope of the invention as hereinafter claimed.

What is claimed is:

1. The combination for providing a weather-tight and aesthetically pleasing covering on the exposed faces of supporting porch posts or the like, comprising, a post having an exposed surface, said surface including a plurality of faces, a like number of metal sheets each substantially covering one of said faces and applied flush thereto, said sheets and post faces together defining a plurality of corners, a like number of angle-shaped corner covers, each corner cover covering a different respective one of said corners and extending lengthwise of said post, each corner cover including a pair of arms, the end portion of each arm being rolled under, the rolled under portion of the arms of each cover being in compressive abutment with adjacent metal sheets, and fastener means joining said corner covers to said metal sheets and positioned to force said rolled under portions into said compressive abutment with the sheets to weatherseal said post.

2. The combination for providing a weather-tight and aesthetically pleasing covering on the exposed faces of supporting porch posts or the like, comprising, a wooden upright support post generally rectangular in cross section and having four exposed faces, four sheets of metal, each sheet of metal affixed flush to said faces respectively, each sheet being sized to substantially cover the face to which it is affixed, said post and said sheets together defining four corners extending lengthwise of said post, four angle shaped corner covers extending substantially the length of said four corners respectively and covering the exposed corners of said support post, each corner cover including a pair of arms, the end portion of each arm being rolled under, the rolled under portion of each arm being in compressive abutment with adjacent metal sheets, a plurality of nails passing through each arm and said sheets and extending into said post and positioned to urge said rolled under portions into said compressive abutment to weatherseal said post.

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