

June 27, 1933.

A. L. WALL

1,915,964

SIDING STRIP

Filed Sept. 25, 1930

Fig. 1

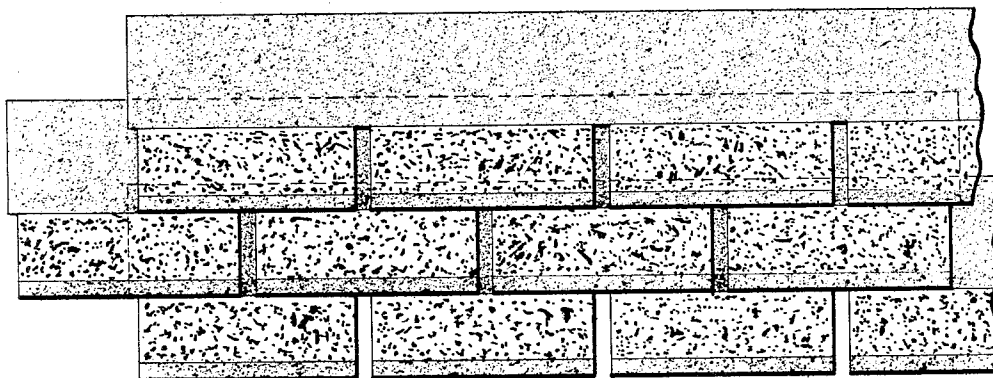


Fig. 2

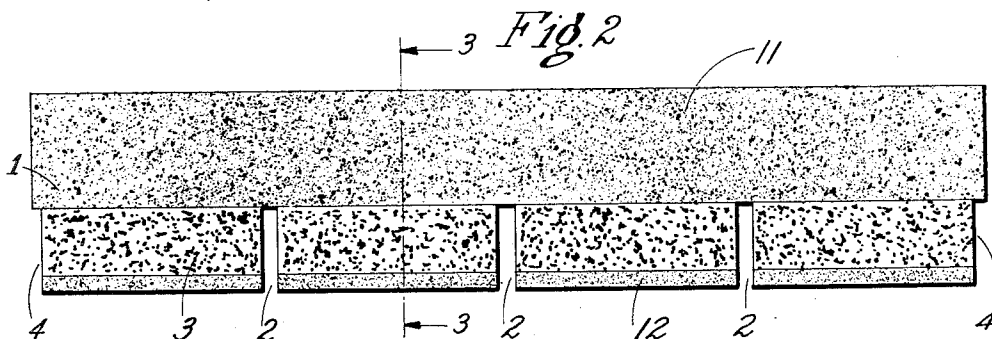
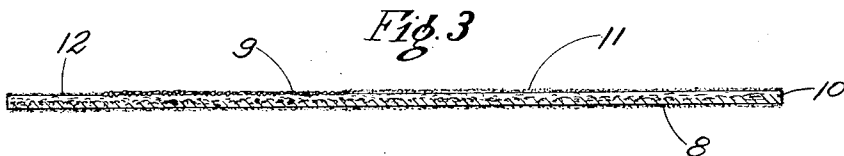


Fig. 3



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334

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SIDING STRIP

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This invention relates to wall coverings and more particularly to strip siding adapted to be applied to the sides of a building and to form a wall closely resembling a brick wall in appearance.

Prior to my invention siding strips have been made which, when in position on a wall, simulate to a certain degree the appearance of a brick wall. However, the siding strips which have been used have certain defects which are not present in strips made in accordance with my invention. It is desirable in this type of construction to have the siding strips so made that when in position on a wall the mortar lines between the brick resembling portions of the strips are substantially the same as they would be in an actual brick wall. This is ordinarily accomplished by coating the strips with granulated slate of different colors, the brick resembling portions of the strips being of a color to represent bricks and the other portions being of a color to represent the mortar. The strips may be slotted in well known manner to permit the mortar resembling material to be exposed in the proper places. In the old type of siding strips with which I am familiar a felt base is impregnated with asphalt and then granulated slate of a color resembling mortar is rolled into the hot asphalt. The portions of the strips which are to represent the bricks are then painted or coated with a second coat of fluid hot asphalt, and granulated slate colored to resemble a brick is sprinkled on and rolled into this second layer of asphalt. Both the first layer of mortar resembling slate and the second layer of brick resembling slate in this process are relatively coarse, and considerable difficulty has been experienced in forming a good bond between the second layer of brick resembling slate and the first layer of mortar resembling slate. As the brick resembling portions of the strip are exposed to the elements they are subject to the greatest wear and rubbing and a good bond is necessary to prevent the destruction of the outer surface of the strips.

In addition to the above objections the old style strips do not create a particularly good illusion of a brick wall as the mortar

resembling material is of the same granular structure as the brick appearing material and is of much coarser granular structure than standard mortar.

It is among the objects of my invention to provide a siding strip for covering building walls which may be applied to the wall in such a manner as to very closely resemble a brick wall.

Other objects of my invention are; the provision of a siding strip, the entire surface of which is closely and securely bonded to the base material of the strip; the provision of a siding strip which may be economically manufactured and quickly and easily applied to a building wall.

The above and other objects of my invention will appear from the following description thereof, reference being had to the accompanying drawing in which:

Fig. 1 is an elevation of a portion of a wall covered with one form of my siding strips;

Fig. 2 is a detached view of one of the siding strips illustrated in Fig. 1;

Fig. 3 is a section taken on line 3—3 of Fig. 2.

As illustrated in Fig. 1, a wall made up of my improved siding strips is composed of overlapped strips arranged with their vertically slotted portions staggered so as to give the appearance of a brick wall. The shape of the strips may be substantially that shown in Fig. 2 in which the main body 1 of the strip has slots 2 extending upwardly from its bottom edge and dividing the lower portion of the strips into rectangular sections substantially the size of the side of a standard building brick plus the horizontal mortar strip at the bottom of the brick. The ends of the body portion 1 are notched as indicated at 4 so that a slot 2 will be formed at the point where abutting siding strips of the same row meet.

The outer side of each of my improved siding strips is coated with granular fireproof material. In the embodiment shown herein a wide band 11 of relatively fine mortar resembling material lies along the top edge of the strip and extends downwardly to the upper ends of the slots 2. A narrow band

12 of mortar resembling material is disposed along the bottom edges of the brick resembling tabs which are defined by the slots 2. A band of granular brick resembling slate or like material 3 lies between the bands 11 and 12 of mortar resembling material. This band 3 is broken into brick resembling sections by the slots 2. It will be understood that the fine mortar resembling material and the coarser brick resembling material may be of any suitable colors to give the effect desired.

As seen in Fig. 1 the siding strips are laid in overlapping relation with the slots 2 in staggered arrangement and the bottom edges of each strip aligned with the top ends of the slots 2 of the strip immediately below. In this way a line of mortar resembling material is exposed entirely around each of the brick resembling portions 3. The result of this construction is that the entire wall has an appearance very similar to that of an actual brick wall.

In manufacturing my improved siding strip I prefer to impregnate a base 10 of felt or other suitable material with hot fluid asphalt and then sprinkle on one side thereof the bands of mortar resembling and brick resembling granular material. This material is preferably rolled down into the hot asphalt and to a certain degree into the felt base so that when the asphalt cools a very firm bond is obtained between the felt base and the particles of granular material. The bottom of the felt base may be coated with talc, graphite or the like, indicated at 8 in Fig. 3 to prevent the strips from sticking to each other and to make them easier to handle both during the manufacturing processes and during their subsequent application to a wall.

It will be understood by those skilled in the art, that in manufacturing strips of this type, it is common practice to make them continuously in the form of a long strip of coated material from which the individual siding strips are cut by rotary cutters or other suitable means. In United States Patent No. 1,831,422, issued November 10, 1931 to Edward C. Otis, apparatus for manufacturing strips of the type herein described is illustrated and described.

It will be seen that I have provided a siding strip which closely resembles a brick wall when applied to a building wall and which is coated by a single thickness of granular material which may be applied in a single application. This does away with one of the chief difficulties encountered in siding strips where various layers of gran-

ular material are superimposed upon each other, namely the problem of securing a firm bond between the superimposed layers of granular material. My siding strip is also particularly adapted to economical manufacture, and, although I have described the illustrated embodiment of my invention in some detail, it will be seen by those skilled in the art that modifications and variation thereof may be made without departing from the spirit of my invention. I do not, therefore, limit myself to the precise details shown and described, but claim as my invention all embodiments thereof coming within the scope of the appended claims.

I claim:

1. A siding strip having slots extending vertically upwardly from its bottom edge and adapted to divide the lower portion of said strip into rectangular sections, said siding strip being made of an asphalt impregnated flexible base having a coating of granular fireproof material adhered to the base by said asphalt, said coating of fireproof material being arranged in bands, one of said bands of mortar resembling material extending the full length of the strip between the upper ends of said slots and the top edge of said strip, a second of said bands of mortar resembling material being relatively narrow and extending along the bottom edges of said rectangular portions and a third of said bands, of brick resembling granular material, disposed on said rectangular sections between said bands of mortar resembling material.

2. A siding strip comprising a body portion of asphalt impregnated flexible material having slots extending vertically upwardly from its bottom edge and adapted to divide the lower portion of said strip into sections, a coating of relatively fine mortar resembling granular material adhered to said body portion by said asphalt and extending the full length thereof between the top edge thereof to the top ends of said slots, a band of brick resembling granular material adhered to said body portion by said asphalt and extending from the bottom edge of said first named strip downwardly, and a relatively narrow band of mortar resembling granular material adhered to said strip and extending the full length thereof between the bottom edge of said brick resembling granular material band and the bottom edge of said strip.

In testimony whereof I hereunto affix my signature this 23rd day of September, 1930.

AYANA L. WALL.