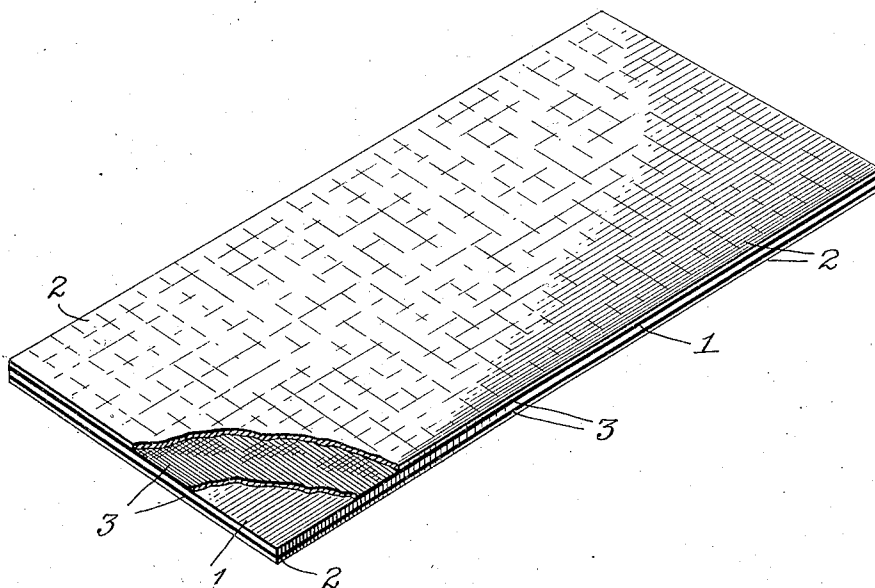


No. 788,358.

PATENTED APR. 25, 1905.

F. D. JACOBS.
ROOFING AND SIDING MATERIAL.
APPLICATION FILED MAR. 9, 1905.



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Witnesses.

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Inventor

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UNITED STATES PATENT OFFICE.

REISSUED

FRANK DAVIS JACOBS, OF NORTHAMPTON, MASSACHUSETTS.

ROOFING AND SIDING MATERIAL.

SPECIFICATION forming part of Letters Patent No. 788,358, dated April 25, 1905.

Application filed March 9, 1905, Serial No. 249,295.

To all whom it may concern:

Be it known that I, FRANK DAVIS JACOBS, a citizen of the United States, residing at Northampton, in the county of Hampshire and State of Massachusetts, have invented new and useful Improvements in Roofing and Siding Material, of which the following is a specification.

My invention relates to roofing and siding material for building purposes, and has for its object to provide an improved material embodying all the advantages of metal roofing and siding material and none of its disadvantages, as will be hereinafter more definitely pointed out and claimed, reference being had to the accompanying drawing, in which the figure is a perspective view of a sheet of my improved material, the same being partly broken away at one corner.

As the base or body portion of the material I employ a continuous sheet of metal, preferably annealed steel, (denoted in the drawing by the reference-numeral 1,) and upon each side of the same I apply a coating of fibrous fireproof material 2—such as asbestos, mineral wool, or the like—preferably in the form of a sheet and firmly united to said metal base by a suitable weather-resisting composition 3, consisting, preferably, of india-rubber solution and petroleum-asphalt, the same being preferably composed of one ounce of the rubber solution to one gallon of the asphalt. In practice the uniting composition 3 is heated until it becomes thin. The metal plate 1 is then dipped thereinto, and finally there is applied to said plate on each side a sheet 2 of the asbestos, mineral wool, or the like under heavy pressure, the parts becoming thereby firmly united to each other. The material

thus formed embodies all the advantages of a metallic roofing or siding plate, and at the same time the metal plate is thoroughly protected from the elements, whereby rusting is prevented.

By employing a continuous sheet of metal as the base as distinguished from a woven-metal fabric I obtain all the advantages of the latter in the way of flexibility and at the same time obviate the disadvantage possessed by woven-wire fabrics of permitting a movement of the wires composing the same with respect to each other that not only will permit the article to be distorted, but also will tend to loosen and break down the filling and uniting compound.

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

1. A roofing and siding material, embodying a base or body portion consisting of a continuous sheet of metal, and having on each side a protective layer of fibrous fireproof material, *e. g.*, asbestos or mineral wool, cemented thereto.

2. A roofing and siding material, comprising a base or body portion consisting of a sheet of annealed steel, a protective layer of asbestos sheeting on each side of said base, and intermediate layers of uniting material, *e. g.*, rubber solution and asphalt.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

FRANK DAVIS JACOBS.

Witnesses:

JOHN C. HAMMOND,
MARY E. HALPIN.