

United States Patent Office.

BENJAMIN HINKLEY, OF TROY, NEW YORK.

Letters Patent No. 94,493, dated September 7, 1869.

IMPROVED ROOFING-MATERIAL.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, BENJAMIN HINKLEY, of the city of Troy, in the county of Rensselaer, and State of New York, have invented a new and useful Improved Roofing-Material, of which the following is a full and exact description.

My improved roofing-material is composed, applied, and finished as follows, viz:

Take any quantity of linseed-oil, put in four pounds of rosin, more or less, to one gallon of oil; put the rosin and oil in a suitable vessel, and set it over a moderate fire, until the rosin is dissolved in the oil; then take manila paper, or its equivalent, and saturate it with the oil-and-rosin mixture; then take flour paste, such as paper-hangers use, and paste two strips or sheets of the saturated paper together leaving a margin or lap of about two inches on each edge.

The boards that compose the roof must be laid close together, and the material is ready to put on.

Lay the first strip of prepared paper so as to let the second strip lap the width of the margin, which must be pasted together, and nailed or tacked in the centre of the boards, and so continue until the roof is covered. Then put on a coat of the mixture of oil and rosin, or a coat of flour paste, and over the whole spread a layer of stout cotton cloth, with the lap as with the paper.

The roofing being now on, give it a good coat of the oil-and-rosin mixture. On this coat of oil-and-rosin mixture sift a thick coat of fine sand, as a protection to the roof and a preventive of fire. When this is thoroughly dry, apply another coat of the oil-and-rosin mixture, and sift on, as before, another thick coat of fine sand, and the roof is finished.

This paper, or its equivalent, may be saturated with the oil-and-rosin mixture either before or after it is pasted together, but I generally prefer to saturate it before.

This roof may also be made with or without the cotton cloth, more thicknesses of paper being used in case the cloth is not.

If required, any colored paint may be mixed with the last coat of the oil-and-rosin mixture, thereby giving the roof any desirable shade.

What I claim as my invention, and desire to secure by Letters Patent, is—

The improved roofing-material, made and applied as herein described.

In testimony whereof, I hereunto set my hand, this 14th day of July, A. D. 1869.

BENJA. HINKLEY.

Witnesses:

HARRISON MAMBERT,
AUSTIN F. PARK.