

80,368

United States Patent Office.

HARRISON S. SNOW AND EDGAR J. HUNKINS, OF MACON, MISSOURI.

Letters Patent No. 80,368, dated July 28, 1868.

IMPROVED CEMENT FOR ROOFING, &c.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that we, HARRISON S. SNOW and EDGAR J. HUNKINS, of Macon, in the county of Macon, and State of Missouri, have invented a new and improved Fire and Water-Proof Cement; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same.

This invention relates to a new and useful cement, which is adapted to various uses where the action of fire or water is to be resisted.

And it consists in forming the cement of the ingredients hereinafter named, and in about the proportions mentioned.

This cement is particularly designed for roofing and other similar purposes, as well as for resisting the action of fire.

In carrying out our invention we proceed as follows:

We take of—

Common sand, three quarts.

Rosedale cement, one quart.

Iron-turnings, (in bulk,) one quart.

Calcined fire-clay, one-half quart.

Common slate, (reduced,) one-fourth quart.

Common salt, one hundred and thirty-five grains.

Sal-ammoniac, ten grains.

Yellow ochre, Venetian red, or other pigment, for coloring, may be added to suit the taste.

The whole of the above ingredients are well mixed up with water in a vat to a consistency suitable for being applied with a trowel.

It is necessary to apply this cement immediately after mixing, as otherwise it becomes hard, and it should be applied twelve or fifteen hours before being exposed to rain.

Having thus described our invention, we claim as new, and desire to secure by Letters Patent—

A fire and water-proof cement, composed of the ingredients, and in the manner and proportions substantially as herein described.

HARRISON S. SNOW,
EDGAR J. HUNKINS.

Witnesses:

A. D. D. MERRELL,

CHARLES KICKERT.