

UNITED STATES PATENT OFFICE.

ALBERT M. SHAW, OF LEBANON, NEW HAMPSHIRE.

COMPOSITION CEMENT FOR PAVEMENTS, &c.

Specification forming part of Letters Patent No. 75,473, dated March 10, 1868.

To all whom it may concern:

Be it known that I, ALBERT M. SHAW, of Lebanon, in the county of Grafton and State of New Hampshire, have invented a new and Improved Composition Cement for Pavements and Flooring of Fire-Proof Buildings, and for other purposes; and I do hereby declare that the following is a full and exact description thereof, and of the composition of the same and application thereof.

The ingredients used in my composition are tar, Albert coal, rosin, pebble-stones, gravel, ground slate, and fine sand.

To enable others skilled in the art to make and use my invention, I will proceed to describe the same, with the method of applying the same.

First, I melt together tar, (either coal-tar or Carolina tar,) Albert coal, and rosin, mixed in the following proportions: One hundred gallons of tar to fifty pounds each of Albert coal and rosin, the same being thoroughly mixed while melted. If my pavement or flooring is laid upon the surface of the ground, I take pebble-stones, sufficient to cover the surface to be paved to a depth of three inches, and saturate the said stones with the above-named mixture in a heated state, and spread

said pebbles over the surface to be floored to the proper depth, and roll the same down. I then take sufficient gravel to cover said surface to the depth of about one inch, and saturate the same with the same mixture, and spread it evenly over said pebble-stones to the requisite depth, and roll it down. I then take sand sufficient to cover my surface to the depth of one inch, saturate the same with said mixture, and spread it evenly over the gravel coating, and roll it down smooth, and leave the same to harden.

If a fine and smooth surface is required for rooms, I use ground slate instead of sand for my finishing-coat; and in rooms where the flooring is not laid directly on the ground, I dispense with the lower stratum of pebble-stones.

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

A cement for pavements and flooring, roofing, and other purposes, composed of the ingredients above named, mixed, applied, and finished in the manner above described.

A. M. SHAW.

Witnesses:

N. ROBINSON,
H. K. DEWEY.