

UNITED STATES PATENT OFFICE.

WILLIAM B. ALLMAN, OF INDIANAPOLIS, INDIANA.

ROOFING COMPOSITION.

SPECIFICATION forming part of Letters Patent No. 246,359, dated August 30, 1881.

Application filed February 14, 1881. (No specimens.)

To all whom it may concern:

Be it known that I, WILLIAM B. ALLMAN, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented a new and useful Composition of Matter to be used for Roofing, of which the following is a specification.

My composition consists of the following ingredients, combined in about the proportions stated, viz: Common coal-tar, seventy-five pounds; pitch, twenty-five pounds; ground slate, three hundred pounds; plasterers' hair, ten pounds. These ingredients are thoroughly mixed in the following manner, to wit: The coal-tar and pitch are melted together in an iron tank or kettle surrounded with boiling water in another kettle or tank, until they are well mixed and become perfectly liquid; then the slate-flour is thoroughly mingled by agitation therewith until the mass becomes too thick to run; then the hair is stirred into the mass, and the whole is thoroughly mixed.

In putting on roofing of the above-described composition I prefer to use Manila cloth as the base, which is tacked or otherwise secured to the roof-sheeting, and the composition is applied to the manila at a boiling temperature, which, upon cooling, forms an even coat-

ing, which is elastic, and not liable to crack or run, even on steep roofs, and is fire-proof. The plasterers' hair adds greatly to its strength and durability by preventing the compound from cracking. The pitch and tar unite to form a body which absorbs large quantities of the slate-flour. The pitch gives elasticity to the mass, and the slate-flour effectually destroys the combustible nature of the compound and renders the roofing fire-proof.

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

The herein-described composition of matter to be used for roofing purposes, consisting of common coal-tar, pitch, slate-flour, and plasterers' hair, in about the proportions specified, the coal-tar and pitch being first melted and mixed, then the slate-flour and plasterers' hair are added, and the whole mass thoroughly mixed, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM B. ALLMAN.

Witnesses:

E. O. FRINK,
G. H. RENNETT.