

UNITED STATES PATENT OFFICE.

JOSEPH BUSHEY AND RICHARD WOODCOCK, OF DETROIT, MICHIGAN.

ROOFING COMPOUND.

SPECIFICATION forming part of Letters Patent No. 273,948, dated March 13, 1883.

Application filed December 8, 1882. (No specimens.)

To all whom it may concern:

Be it known that we, JOSEPH BUSHEY and RICHARD WOODCOCK, of Detroit, in the county of Wayne and State of Michigan, have invented new and useful Improvements in Roofing Compounds; and we do hereby declare that the following is a full, clear, and exact description thereof.

The nature of this invention relates to certain new and useful improvements in the manufacture of a compound adapted for the covering of roofs—such as are described in Letters Patent granted to us February 1, 1881—and which will also be found equally useful in covering roofs made of any other material.

The invention consists in so making this compound as to give it a certain elasticity, thereby enabling it, when applied, to adapt itself to inequalities that may arise from the settling of the walls of the building without cracking or disintegrating, which is the fault to be found with most of the compounds used for this purpose.

The invention consists in the compound composed of the ingredients treated, and in the proportions substantially as hereinafter described—that is, mix thoroughly together one gallon of gas or pine tar, one gallon of sulphurized quicklime, one gallon of sand, one-

fourth pound of sulphurized copperas, one pound of Trinidad asphalt, one-fourth pound of oxide of iron, and one pound of raw linseed-oil. Under proper conditions of heat this compound can be readily and thoroughly mixed, and should be spread upon the roof while plastic or warm to obtain the best results.

This compound will also be found very useful for the covering of sidewalks or paths—a suitable foundation being prepared for such covering in any of the known ways—and it will be found elastic under all the natural conditions of the atmosphere, and under no circumstances will it be found friable.

What we claim as our invention is—

A compound consisting of gas or pine tar, sulphurized quicklime, sand, sulphurized copperas, Trinidad asphalt, oxide of iron, and raw linseed-oil, substantially in the proportions specified, and amalgamated under suitable conditions of heat, substantially as and for the purposes set forth.

JOSEPH BUSHEY.
R. WOODCOCK.

Witnesses:

H. S. SPRAGUE,
E. I. SCULLY.