

UNITED STATES PATENT OFFICE.

JESSE STOW, OF GENEVA, AND JAMES WHITE, OF CLEVELAND, OHIO.

IMPROVED ROOFING-CEMENT.

Specification forming part of Letters Patent No. 58,148, dated September 18, 1866.

To all whom it may concern:

Be it known that we, JESSE STOW, of Geneva, in the county of Ashtabula and State of Ohio, and JAMES WHITE, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented new and useful Improvements in Plastic Roofing-Cement; and we do hereby declare that the following is a full and complete description of the construction and operation of the same.

The nature of our invention consists in the formation of a plastic material for roofing purposes, which can be laid on with a trowel to the thickness of a quarter of an inch or more, forming, when set, a hard mass that is slightly elastic or flexible, and wholly impervious to water, and sufficiently adhesive to stick to the board or other body upon which it is laid.

To form this plastic roofing-cement we take two parts of coal-tar, or some other form of soft bitumen; two parts of indurated clay,

(aluminous earth,) finely pulverized; one part water-lime, ground; one part slaked quick-lime, (caustic oxide of calcium;) one part fine sand, (oxide of silicon,) and one part of pulverized coke or anthracite coal, and a sufficient quantity of naphtha, mineral or other oil to give the mass the desired consistency.

The ingredients are thoroughly mixed and the compound is ready for use, and can be laid with a trowel upon roofing-boards, lath, roofing-paper, or other suitable material.

What we claim as our improvement, and desire to secure by Letters Patent, is—

A plastic roofing-cement composed of the ingredients herein named and compounded as specified.

JESSE STOW.
JAMES WHITE.

Witnesses:

W. H. BURRIDGE,
E. E. WAITE.