

UNITED STATES PATENT OFFICE.

GOLDSBOROUGH ROBINSON, OF LOUISVILLE, KENTUCKY.

IMPROVEMENT IN ROOFS.

Specification forming part of Letters Patent No. **149,791**, dated April 14, 1874; application filed August 5, 1873.

To all whom it may concern:

Be it known that I, GOLDSBOROUGH ROBINSON, of Louisville, in the county of Jefferson and State of Kentucky, have invented a new and Improved Roofing Process; and I do hereby declare the following to be a full, clear, and exact description of the same.

The invention relates to a mode of forming a weather-proof roofing on the sheathing-boards or other covering of a building.

It will first be described in connection with all that is necessary to a full understanding thereof, and then clearly pointed out in the claim.

I mix water-lime or hydraulic cement with sand and water, or equivalent materials, or with water alone, until it is brought into a pliable and plastic state, and then apply the same upon the sheathing-boards or other covering of the structure, until a substantial layer is produced.

This makes a continuous roof, which has no

joints unless desired, is non-elastic, and is incapable of cracking by contraction and expansion. An experiment has demonstrated that it is not only practicable, but particularly efficient, and that it gives promise of great durability.

One or more layers or coats may be applied to produce a roof of greater or less thickness.

I am aware that hydraulic cement has been heretofore used in one or more layers between the sheathing and roof of a house as a water-repellent, or as a foundation for other outside covering, and this I do not claim.

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

A roof formed entirely of hydraulic lime or cement laid upon the sheathing-boards of a building, as described.

GOLDSBOROUGH ROBINSON.

Witnesses:

ARTHUR L. ROBINSON,
ALEX. P. HUMPHREY.