

# United States Patent Office.

SAMUEL B. PIERCE AND PEMBROKE PIERCE, OF HOMER, NEW YORK

*Letters Patent No. 73,645, dated January 21, 1868.*

## IMPROVED CONCRETE ROOFING.

*The Schedule referred to in these Letters Patent and making part of the same.*

### TO ALL WHOM IT MAY CONCERN:

Be it known that we, SAMUEL B. PIERCE and PEMBROKE PIERCE, of Homer, Cortland county, State of New York, have invented new and useful Improvements in Concrete Roofing; and we do hereby declare that the following is a full, clear, and exact description thereof.

Our invention consists in the complete mixture of the following-named ingredients: Rosendale cement, (8) eight parts; gravel, (1) one part; sand, (ground,) (1) one part; asphaltum, (1) one part; coal-tar, (1) one part; sandstone, (ground,) (1) one part; rosin, (1) one part; ashes, (1) one part; lime, (1) one part; and making thereof a homogeneous and plastic mass, which may be applied to the roof of a building, or wherever desired, with a trowel or other suitable implement.

The above-described mixture, when applied to the roof of a building, becomes hard, and is perfectly fire-proof and impervious to water or dampness, and therefore will not crack by the action of frost or the heat of the sun, and makes an excellent, cheap, and convenient material for roofing purposes.

We do not wish to confine ourselves to any specific proportions of the above-named ingredients.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

The mixture of the above-named ingredients, when used substantially as and for the purpose specified.

In witness that we claim the foregoing, we have hereto set our hands in the presence of—

SAM'L B. PIERCE,  
PEMBROKE PIERCE.

Witnesses:

Z. M. COUCH,

J. M. MASON.