



J. S. HOUGHTON, OF PHILADELPHIA, PENNSYLVANIA.

*Letters Patent No. 84,550, dated December 1, 1868.*

**IMPROVED COMPOUND FOR COATING THE OUTSIDE WALLS OF BUILDINGS.**

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

*To all whom it may concern:*

Be it known that I, J. S. HOUGHTON, of the city and county of Philadelphia, and State of Pennsylvania, have invented a new and useful Chemical Compound for Coating and Coloring the Exterior Walls of Buildings; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention or discovery consists of a chemical compound, to be applied with a brush, for coating and coloring the exterior walls of buildings.

The compound consists of the following ingredients, and generally in the proportions here named, viz:

Scarlet calcareous paint, (Venetian red,) one part.

Brown calcareous paint, one part.

Brown calcareous paint and oxide of iron, two parts.

Mineral black, one part.

Hydraulic lime, twenty parts.

Water, forty parts.

The compound is made of any variety of color or shade of color, by the use of various colored earths,

paints, calcareous earths, and hydraulic cements, using them in the proper proportions to give the desired color or shade of color.

After the walls have been plastered in the usual manner, the compound is spread upon the surface by means of a brush, and not with a trowel, making a beautiful hard surface, resembling hammered stone, impervious to water, and not affected by sun or frost.

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

The chemical compound, consisting of the above-mentioned ingredients, and variable proportions of the same ingredients, to be applied with a brush, for coating and coloring the exterior brick, stone, and mortar walls of buildings, substantially as above described.

In testimony that the above is my invention, I have hereunto set my hand and affixed my seal, this 22d day of October, 1868.

J. S. HOUGHTON. [L. S.]

Witnesses:

STEPHEN USTICK,  
JOHN WHITE.