

United States Patent Office.

THOMAS C. RICE, OF WORCESTER, MASSACHUSETTS.

Letters Patent No. 109,757, dated November 29, 1870.

IMPROVEMENT IN THE MANUFACTURE OF PAINTS.

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, THOMAS C. RICE, of the city and county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Paint; and I do hereby declare the following to be a full, clear, and exact description of the same.

The nature of my invention consists in the improved paint composed of the following-named ingredients, mixed in proportions, substantially as hereafter described.

First, naphtha or "dead oil," so called.

Second, coal-tar.

Third, Venetian red.

My improved paint is made by mixing the above-named ingredients in the following proportion:

To two gallons of coal-tar add one gallon of naphtha and two pounds of dry Venetian red; thoroughly mix the ingredients by stirring. The color produced is a dark purple.

The color can be varied to a reddish brown or brick-red by adding a larger proportion of Venetian red.

It is necessary to use the paint soon after mixing,

as by standing a long time in a liquid state it has a tendency to separate and turn black.

But if laid within a few hours after mixing, the paint quickly dries, and, when dry, the color remains permanent.

In lieu of using naphtha any equivalent substance may be used instead, that is, any substance which will cut or dissolve the coal-tar.

By my invention the great objections to coal-tar as a paint are obviated. As heretofore used the color was always black; whereas the color of my improved paint can be varied from a dark purple to a brick-red.

Having described my improved paint,

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

An improved paint, composed of coal-tar and Venetian red combined together, substantially as above described.

Witnesses:

THOMAS C. RICE.

THOS. H. DODGE,

A. E. PEIRCE.