

UNITED STATES PATENT OFFICE.

TAYLOR STEPHENSON, OF MANNING, IOWA.

PAINT.

SPECIFICATION forming part of Letters Patent No. 601,910, dated April 5, 1898.

Application filed September 7, 1897. Serial No. 650,814. (No specimens.)

To all whom it may concern:

Be it known that I, TAYLOR STEPHENSON, a citizen of the United States, residing at Manning, in the county of Carroll and State of Iowa, have invented certain new and useful Improvements in Paints, of which the following is a specification.

This invention relates to an improvement in paints designed more particularly for use on boiler-heads and locomotive extension-fronts; and it consists in the compound hereinafter referred to and in the method of compounding presently to be stated.

It has heretofore been found very difficult to maintain heated and exposed surfaces in a protected and ornamental condition, more especially boiler-heads and extension-fronts of locomotives, which are usually exposed to the direct action of the elements as well as the heat of the furnace and boiler.

My invention is designed to remedy the objection heretofore existing; and by actual test I have found that the paint hereinafter described will effectually resist the action of the heat and elements.

The paint consists of the following ingredients: boiled linseed-oil, gum-asphaltum, rosin, beeswax, gum-arabic, shellac, litharge, sulfate of zinc, and gum-amber. In preparing the compound I first take two gallons of boiled oil, add thereto two pounds of pulverized gum-asphaltum, three pounds of rosin,

and fourteen to eighteen ounces of beeswax. I then boil the compound for one hour, after which I add two ounces of pulverized gum-arabic and one-half to three-quarters of a pound of shellac and then boil the mass for one-half an hour. After the second boiling I add to the compound four ounces of litharge and again boil for one-half an hour, adding thereafter two ounces of sulfate of zinc and then boil the compound for one hour longer. To this compound I then add from five to six ounces of dark gum-amber and boil the entire mass for two or three hours or until the mixture becomes quite thick. After the paint becomes cool it is ready for direct application or use on heated surfaces.

I desire it understood that equivalent ingredients can be used in lieu of those above referred to.

Having thus described the invention, what I claim, and desire to secure by Letters Patent, is—

A paint compound comprising oil, gum-asphaltum, rosin, wax, gum-arabic, shellac, litharge, sulfate of zinc and gum-amber, substantially in the proportions specified.

In testimony whereof I affix my signature in presence of two witnesses.

TAYLOR STEPHENSON.

Witnesses:

ADELBERT H. KING,
H. W. BAILEY.