

## UNITED STATES PATENT OFFICE.

CHARLES MILLER, OF INGERSOLL, ONTARIO, CANADA.

## PAINT.

SPECIFICATION forming part of Letters Patent No. 274,807, dated March 27, 1883.

Application filed December 21, 1882. (No specimens.) Patented in Canada March 11, 1882, No. 14,395.

*To all whom it may concern:*

Be it known that I, CHARLES MILLER, of Ingersoll, in the county of Oxford and Province of Ontario, Canada, have invented a new and useful Improvement in Paints; and I do hereby declare that the following is a full, clear, and exact description of the same.

My invention relates to paints; and it consists in a fire and water proof paint composed of ingredients substantially as hereinafter specified.

To make two gallons of my paint I take one-half gallon of tar—the residuum produced by the distillation of petroleum—one gallon of resin-oil, and add to it two pints of lime-water, one pint of a solution of glue and sal-soda, one pint of a potash solution and asbestos, four ounces of powdered alum, three ounces copperas, and two and a half pounds of Venetian red, all being thoroughly mixed and incorporated. The solution of glue and sal-soda is to be made in the proportion of about two

pounds of glue to one gallon water, and three pounds sal-soda to a similar amount of water, and the solution of potash in the proportion of one pound potash to one gallon of water, which is then mixed with one pound of asbestos held in suspension in one gallon of water.

The paint should be heated before application to the surfaces to be fire or water proofed.

I claim as my invention—

A fire and water proof paint, composed of petroleum-tar, resin-oil, lime-water, solution of glue and sal-soda, alum, copperas, potash solution, asbestos, and Venetian red in about the proportions specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHARLES MILLER.

Witnesses:

C. SIMPSON,  
A. R. THOMAS.

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