

# UNITED STATES PATENT OFFICE.

HAMMOND C. METCALF, OF WOBURN, MASSACHUSETTS.

## IMPROVEMENT IN PAINT COMPOUNDS.

Specification forming part of Letters Patent No. **148,838**, dated March 24, 1874; application filed March 4, 1874.

*To all whom it may concern:*

Be it known that I, HAMMOND C. METCALF, of Woburn, in the county of Middlesex and State of Massachusetts, have invented a certain new and useful Improvement in Paints, of which the following is a description sufficiently full, clear, and exact to enable any person skilled in the art or science to which my invention appertains to make and use the same.

My invention relates more especially to that class of paints intended for outside work; and consists in a composition, formed as hereinafter fully set forth and claimed, by which a very freely flowing and durable paint is produced at a low price.

To prepare my improved paint, boil one gallon of water, one pound of sal-soda, and one pound of glue together until the glue and soda are thoroughly dissolved. While hot, add two quarts of linseed-oil, one pint of japan, five pounds of whiting, and fifteen pounds of white

lead. The lead should be ground and mixed in linseed-oil in the usual manner, so as to be of the consistency of thick cream. All of the ingredients should be thoroughly incorporated, and used while moderately warm.

The above formula is for white paint; but the ordinary pigments may be used to give it any shade of coloring desired. I also sometimes mix a small quantity of Rosendale cement in the compound, which not only gives it a fine slate color, but renders it, to a certain extent, fire-proof.

Having thus described my invention, what I claim is—

The paint described, consisting of the ingredients specified, compounded and prepared as set forth.

HAMMOND C. METCALF.

Witnesses:

C. A. SHAW,  
CYRUS WILSON.