

UNITED STATES PATENT OFFICE.

WILLIAM I. ADAMS AND WILLIAM R. POLK, OF BALTIMORE, MARYLAND,
ASSIGNORS TO THE BALTIMORE LIME PAINT COMPANY, OF SAME PLACE.

LIME PAINT.

SPECIFICATION forming part of Letters Patent No. 310,550, dated January 13, 1885.

Application filed December 11, 1884. (No specimens.)

To all whom it may concern:

Be it known that we, WILLIAM I. ADAMS and WILLIAM R. POLK, citizens of the United States, residing at Baltimore, in the State of Maryland, have invented certain new and useful Improvements in Lime Paint, of which the following is a specification.

Our invention relates to improvements in "lime paints," which has for its objects resistance to the elements and producing a uniform surface not liable to rub off, and which consists of the following ingredients, in about the stated proportions: lime, three bushels; salt, one-half to one and three-quarters peck; alum, one-quarter to three-quarters peck; sirup, (granulated or otherwise,) two to six pounds; gum-tragacanth, one-quarter to one pound, and glue, one to three pounds.

In preparing our paint the water used is previously heated, and while in that state the salt and alum are applied thereto, by which they are thoroughly dissolved, and while the solution is still hot it is applied to the unslaked lime, thereby facilitating the slaking and thoroughly incorporating the different ingredients. After the slaking has taken place

and the solution is cooling, glue and gum-tragacanth are applied, and also any coloring material, if desired, and ground together to thoroughly incorporate the same.

Having fully described our invention, what we wish to claim and secure by United States Letters Patent is—

1. In a lime paint, the following ingredients: lime, salt, alum, sirup, and a gluey substance, such as glue, gum-tragacanth, &c., as herein set forth.

2. A solution of water, salt, and alum, heated, and while hot applied to the unslaked lime, as herein set forth and specified.

3. A solution of water, salt, and alum, heated, and while hot applied to the unslaked lime, and after or while cooling incorporating the sirup, glue, and gum-tragacanth, and grinding the whole together.

In testimony whereof we affix our signatures in presence of two witnesses.

WILLIAM I. ADAMS.
WILLIAM R. POLK.

Witnesses:

WM. BRUMBLE,
LAWRENCE N. COX.