

UNITED STATES PATENT OFFICE.

PAUL KWARNEBERG, OF CHICAGO, ILLINOIS.

PAINT COMPOUND.

SPECIFICATION forming part of Letters Patent No. 543,308, dated July 23, 1895.

Application filed May 5, 1894. Serial No. 510,423. (No specimens.)

To all whom it may concern:

Be it known that I, PAUL KWARNEBERG, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Paint Compounds, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The object of my invention is to provide a paint mixture or compound which is very durable, whether for indoor or outside purposes, and which retains its waterproof qualities much longer than the commoner paints, substantially as hereinafter fully described.

My improved paint mixture or compound consists of fifty-two (52) gallons of linseed-oil, four (4) pounds of turpentine of a thick consistency, like mush, twelve (12) pounds of litharge, four (4) pounds of stearine, twelve (12) pounds of japan, and four (4) pounds of sugar of lead.

I generally prepare my paint mixture in the following manner, to wit: Boil the oil for about three (3) hours at a temperature of about 175° Reaumur. Then allow it to cool and place it in a suitable tank or receptacle and allow it to settle, so that impurities and foreign substances may sink to the bottom. When sufficient time has elapsed for this purpose, I remove the clear oil and put it back into a cooking pan or kettle and reheat it to about

the same temperature, 175° Reaumur. I then put the sohurgloed into the oil and stir the mass thoroughly; then the turpentine, and stir the mass again thoroughly, then the stearine, again stirring it thoroughly; and then let the mass boil for about three hours at about the temperature hereinbefore referred to. I then remove the boiling mass from the fire or remove the fire from under it, and as it cools add the japan. The entire mass is then put in a settling tank or receptacle again and allowed to settle, after which it is removed, so as not to disturb the sediment, and is made ready for use by the addition of desirable coloring-matter.

It will be understood and appreciated that the proportions of ingredients above given are approximate. Under some conditions it might be desirable to use less or more of a given ingredient. So, also, is the temperature at which it is stated it is desirable to boil the oil or mixture approximate. Atmospheric conditions will sometimes require a greater, sometimes a less, degree of heat.

What I claim as new is—

A paint mixture or compound consisting of boiled linseed oil, litharge, turpentine, stearine, japan, and sugar of lead, substantially in the proportions specified.

PAUL KWARNEBERG.

Witnesses:

FRANK D. THOMASON,
CHAS. J. YOUNG.