

UNITED STATES PATENT OFFICE.

OTTO KALL, OF HEIDELBERG, BADEN, GERMANY.

MIXED PAINT.

SPECIFICATION forming part of Letters Patent No. 351,380, dated October 26, 1886.

Application filed June 25, 1883. Serial No. 99,131. (Specimens.) Patented in Germany September 1, 1881, No. 18,207; in France January 16, 1882, No. 146,869; in England January 17, 1882, No. 239; in Belgium January 18, 1882, No. 56,808; in Austria March 10, 1882, No. 3,536, and in Hungary March 10, 1882, No. 8,298.

To all whom it may concern:

Be it known that I, OTTO KALL, (of the firm of OTTO KALL & CIE.,) a citizen of Baden, German Empire, residing at 190 Hauptstrasse, Heidelberg, Germany, have invented certain new and useful Improvements in Ground for Oil and Glue Paints as Substitute for Oil and Soap, &c., of which the following is a specification.

10 This invention relates to a new compound to serve as a base or ground for oil or other pigments or colors.

15 In carrying out the said invention I mix one part of slaked lime with ten parts of blood containing fibrine. This mixture is allowed to remain for some time, so that the ingredients may work upon one another. Then an equal volume of water is added. A thick precipitate is thus obtained, over which the liquid 20 portion is allowed to remain for fourteen days, during which period the mixture should be frequently stirred. The liquid portion is then

carefully drawn off, and about one-twentieth part of permanganate of potash together with enough water is added to cause the mass to be 25 of such consistence that it can be easily applied.

To obviate any disagreeable odor, about thirty drops of lavender are added to a pint of the mixture; but other deodorizing oils may 30 be substituted for the lavender.

I claim as my invention—

A base for coloring-matter, consisting of blood containing fibrine, slaked lime, permanganate of potash, and lavender, substantially 35 as and in the proportions specified.

In testimony whereof I affix my signature, in presence of two witnesses, this 28th day of August, 1882.

OTTO KALL.

Witnesses:

O. ELLERICH,
A. E. BARTHEL.