

# UNITED STATES PATENT OFFICE.

JOHN A. SHEPHARD, OF WOOSTER, OHIO.

## PAINT.

SPECIFICATION forming part of Letters Patent No. 303,330, dated August 12, 1884.

Application filed April 4, 1884. (Specimens.)

*To all whom it may concern:*

Be it known that I, JOHN A. SHEPHARD, of Wooster, in the county of Wayne and State of Ohio, have invented certain new and useful Improvements in Paints, of which the following is a specification.

The aim of my invention is to provide a composition of red lead and oil which will remain in a pasty or semi-liquid condition for an indefinite length of time, so that it may be manufactured economically on a large scale and placed upon the market as an unchangeable article of merchandise, ready for immediate use by the consumer.

The combinations of red lead and oil hitherto known in the art were of such character that when retained in bulk the lead would speedily separate from the oil and assume a solid condition, by which it was rendered unfit for further use. As a consequence of this fact it has been the custom for the individual consumer to purchase the materials and prepare his composition by hand immediately before using the same. This operation resulted in the expenditure of much time and labor, and in the loss of such material as was not immediately used.

In preparing my composition I proceed as follows: I take of red lead, one pound; boiled

or raw linseed-oil, half a gill; japan, half a gill; turpentine, half a gill; glycerine, half an ounce. These ingredients are intimately incorporated by grinding them in an ordinary paint-mill, or by any equivalent means which will insure their thorough incorporation. The result of the operation is a composition which, unlike the ordinary compounds of red lead and oil, will remain in a soft or semi-fluid condition for a great length of time, and which will, when applied to an exposed surface in the ordinary manner, dry and harden.

I prefer to use the several ingredients in the proportions above specified; but it is understood that the proportions may be modified to a limited extent.

Having thus described my invention, what I claim is--

The new composition of matter consisting of red lead, linseed-oil, japan, turpentine, and glycerine, in the proportions substantially as specified.

In testimony whereof I hereunto set my hand.

JOHN A. SHEPHARD.

Witnesses:

M. C. ROUCH,  
H. B. SWARTZ.