

UNITED STATES PATENT OFFICE.

THOS. PARKER AND EPHRAIM PARKER, OF ORANGEVILLE, PA.

IMPROVEMENTS IN COMPOSITIONS FOR GLAZING.

Specification forming part of Letters Patent No. **3,443**, dated February 20, 1844.

To all whom it may concern:

Be it known that we, THOMAS PARKER and EPHRAIM PARKER, of Orangeville, in the township of Orange, in the county of Columbia and State of Pennsylvania, have discovered a new and useful Composition for Glazing Earthenware, which is described as follows:

Take about one hundred and fifty pounds of lead ore in its natural state, and grind the same in a common mill to the required degree of fineness. We refer to the sulphuret of lead or galena. Then take of common loam about one-fourth (more or less,) of the quantity of the lead and grind the same separately or with the lead. Take also of manganese, brass filings, or copper filings, in quantity about one-tenth that of the lead and grind them separately, or with the lead ore, to give the composition the required color, which in this case will be black or green; but if a blue color should be re-

quired, smalt should be substituted for either of the above coloring articles. To these add a sufficient quantity of water to give the composition its required degree of consistency—say about as thick as cream—into which the article to be glazed is dipped or applied in the usual manner.

Should verdigris be used with the loam and lead ore to produce a green color, it will not be required to be ground with them, but may be added in its powdered state.

What we claim as our invention, and which we desire to secure by Letters Patent, is—

The before-described composition for glazing earthenware.

THOMAS PARKER.
EPHRAIM PARKER.

Witnesses:

WM. P. ELLIOT,
A. E. JOHNSON.