

# UNITED STATES PATENT OFFICE

RUDOLPH C. OEHLER, OF ALLEGHENY, PENNSYLVANIA.

## IMPROVEMENT IN BRONZE-LIQUIDS.

Specification forming part of Letters Patent No. **161,148**, dated March 23, 1875; application filed December 14, 1874.

*To all whom it may concern:*

Be it known that I, RUDOLPH C. OEHLER, of the city of Allegheny, in the county of Allegheny and State of Pennsylvania, have invented a certain compound to be used for dissolving bronze-powder in order to convert the same into paint, of which the following is a specification:

This invention relates to that class of compounds used for ornamental gilding by painters, japanners, decorators, &c.; and consists in a composition of rectified spirits of turpentine, gum-copal, gum-gamboge, dragon's-blood, linseed-oil varnish, and essential oil.

To prepare this, take one gallon of rectified spirits of turpentine, one and one-third pint of pure copal-varnish; add to this one ounce of dragon's-blood and two ounces of gum-gamboge dissolved in one-half pint of treble-boiled linseed-oil and one-half pint of spirits of turpentine; then strain the same through a filtering-bag and add one ounce of essential oil, when it is ready for use.

This liquid will instantly dissolve any kind of bronze and convert the same into a paint of any desired shade, according to the color

of bronze-powder used. It is easier working under the brush and more brilliant in luster when dry than any other composition which is now in use, and is applicable for all ornamental gilding, silvering, and decorative purposes. Another superiority of this paint is, that the nature of its ingredients is such as to make it more impermeable to the influence of the atmosphere, all of which combines to make this paint a brilliant, durable, and cheap substitute for gold or silver leaf.

I do not claim that liquids for the same purpose have not before been known or used, but that by this new compound I produce new and superior results.

I claim—

The compound of dragon's-blood, linseed-oil varnish, gum-copal, essential oil, spirits of turpentine, and gum-gamboge, consisting of its parts and proportions, as described, to be used for dissolving bronze-powder for the purpose of converting the same into a paint.

RUDOLPH C. OEHLER.

Witnesses:

A. ZINNER,  
J. HENRY HELM.