

①

*for  
turps  
lecor  
Japan.*

108,474

# United States Patent Office.

THADDEUS F. GRIFFIN AND ROBERT TARR, JR., OF GLOUCESTER, MASSACHUSETTS.

Letters Patent No. 108,474, dated October 18, 1870.

## IMPROVEMENT IN COPPER PAINT FOR SHIPS' BOTTOMS, &c.

The Schedule referred to in these Letters Patent and making part of the same.

*To all whom it may concern:*

Be it known that we, THADDEUS F. GRIFFIN and ROBERT TARR, Jr., of Gloucester, in the county of Essex and State of Massachusetts, have invented a new and valuable Improvement in Copper Paints; and we do hereby declare that the following is a full, clear, and exact description of the same.

Our invention has relation to the manufacture of artificial paints, and consists in an improvement upon the compound usually called copper paint, which improvement is hereinafter particularly described, namely:

We take equal parts of nitric acid and muriatic acid and dissolve therein such an amount of copper as can be held in solution, thereby forming a liquid compound of about the consistency of thin paste.

We next take two parts of the copper and acid compound, formed as above mentioned, and add thereto four parts of turp, one part of spirits of turpentine, and one part of coloring matter and japan, in equal proportions.

The mixture, compounded as above described, does not settle like other copper paints, but is preserved for an indefinite time in a complete and perfect liquid form, and thereby is always ready for use.

We consider this compound as a valuable improvement upon the copper paint patented to Tarr and Monson, November 3, 1863.

We claim as our invention—

The improved mixture called copper paint, herein described, when compounded of the materials and in the manner and proportions substantially as specified.

In testimony that we claim the above, we have hereunto subscribed our names in the presence of two witnesses.

THADDEUS F. GRIFFIN.  
ROBERT TARR, JR.

Witnesses:

JAMES H. CLIFFORD,  
AARON A. NORWOOD.

*No Data  
OK*