

UNITED STATES PATENT OFFICE.

EDWARD M. ROBINSON, OF NEW BEDFORD, MASSACHUSETTS.

IMPROVED MODE OF PROTECTING THE METALLIC SHEATHING OF VESSELS.

Specification forming part of Letters Patent No. 346, dated August 8, 1837.

To all whom it may concern:

Be it known that I, EDWARD M. ROBINSON, of New Bedford, in the county of Bristol and State of Massachusetts, have discovered a new and useful improvement in the art of preserving copper or other metallic sheathing from corrosion and waste when applied to the sides and bottoms of ships and vessels; and I do hereby declare that the following is a full and exact description of my process.

Take of paint made by grinding pure verdigris in linseed-oil and diluted to a proper consistence to be applied to the sheets of metal, with a mixture of one gallon of linseed-oil and half a pint of a lacquer, prepared as follows, viz: by boiling together seven and a half gallons of linseed-oil, four pounds of shellac, four pounds of red lead, and four pounds of litharge until the shellac is dissolved. Apply this paint with a brush to both sides of the sheets of copper or other metal intended to be used, and when dry add one or more coats, as may be desired. If it is wished that the paint should dry very rapidly, a half a pint of spirits of turpentine may be added to every gallon of oil used in diluting the paint. When the paint is perfectly dry and hard the sheets may be fastened upon the vessel's bottom in the usual manner. This paint may also be ap-

plied to metallic sheathing after it has been placed upon the bottoms of vessels, and it may also be applied to but one side of the metal before being fastened upon the vessel's bottom; but it is decidedly preferable to use it as first described.

What I claim as my discovery in the art of protecting the copper or other metallic sheathing of vessels from corrosion is that by the application of a coating of paint in which verdigris is the principal ingredient to such metallic sheathing in the manner above described such protection will be effectually attained.

I do not claim to be the inventor or discoverer of the above-described paint, nor do I intend to limit myself to its application in the form prescribed, but to use verdigris mixed with oil or varnish in any of the modes in which a desirable paint is produced in which the main body consists of verdigris, limiting myself to its employment for the purpose of protecting the metallic sheathing of ships or vessels, such application being, as I firmly believe, new in the arts.

EDWARD M. ROBINSON.

Witnesses:

WM. H. TAYLOR,
GREEN CARR.