

COMPOSITIONS, 12021 ✓
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SEARCH ROOM

Bony
Anti F

United States Patent Office.

HENRY ROUNDY, OF SAN FRANCISCO, CALIFORNIA, ASSIGNOR TO
THOMAS M. CASH, OF SAME PLACE.

Letters Patent No. 90,395, dated May 25, 1869.

IMPROVED PAINT FOR SHIPS' BOTTOMS.

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

To all whom it may concern:

Be it known that I, HENRY ROUNDY, of the city and county of San Francisco, State of California, have invented an "Improved Paint Composition" for Ships' Bottoms, both wood and iron, to keep them from fouling with barnacles, grass, &c., and for other purposes, where a good preservative paint is required to prevent corrosion or rusting of metals, and to protect wooden vessels, wharves, piles, &c., from the attacks of the *Teredo navalis*; also ships' timbers, floor-beams, and other wood-work in houses, from the ravages of the white ant and comajen, and all other insects which destroy wood; and I do hereby declare that the ingredients used in making the said paint, and the process of mixing and compounding them to make it, are described in the following specification, with directions for using the same, when compounded; and I also declare that the name of the "improved paint composition" is to be marked upon all packages or vessels containing it, as follows, viz, "California Marine Metallic Paint."

In preparing my paint-composition, I employ the following ingredients, to wit:

- Fourteen (14) pounds of arseniate of copper.
- Eighteen (18) pounds oxide of iron.
- Six (6) pounds carbonate of lime.
- Four (4) pounds crystallized borax.
- Two (2) drachms crystallized strychnine.
- Four (4) ounces concentrated anhydrous extract of tobacco.

To these ingredients I add twelve (12) gallons of coal-tar.

The whole is then ground in a paint-mill, when the compound is ready for use.

I apply the composition paint in the usual way with a brush.

With coal-tar as a base, or medium, the color will

be black, or nearly so, and when the other shades of color are desired, other bases, with different tints, may be used; and as one substitute for a liquid, I would use two parts of linseed oil, and one part spirits of turpentine.

The paint prepared with this base, or vehicle, will also be found very serviceable to prevent the action of white ants in destroying wood-work in buildings, and ships' timbers, which is a common cause of destruction in some parts of the globe, and each kind of the paint-composition is an effectual protection from, or against the comajen, and all other insects which prey upon wood.

I do not, however, confine myself to any particular base, vehicle, or medium, for my composition-paint, as many oils or varnishes and compounds might answer a very good purpose as such; neither do I confine myself to any particular coloring-matter, or tint which may be required for different shades, or colors.

By the use of the above composition, I have a paint that will preserve wooden ships, and prevent iron vessels from rusting and corroding, as well as the adhering of barnacles, grass, &c., and also protect all kinds of wood-work from destruction by any kind of insect.

It is also a safe paint to use on iron ships, and iron-work of every description.

Having thus described my invention,

What I desire to secure by Letters Patent, is—

The above-described composition for paint, made of the ingredients named, mixed, or compounded as enumerated, in about the proportions specified.

In witness whereof, I have hereunto set my hand and seal.

H. ROUNDY. [L. S.]

Witnesses:

O. W. M. SMITH.

J. L. BOONE.