

United States Patent Office.

EMILE VICTOR AUDIBERT, OF NEW ORLEANS, LOUISIANA.

Letters Patent No. 89,727, dated May 4, 1869.

IMPROVED WATER-PROOF COATING FOR VARIOUS PURPOSES.

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, EMILE VICTOR AUDIBERT, of New Orleans, in the parish of Orleans, and in the State of Louisiana, have invented an Improved Water-Proof Coating for Various Purposes; and do hereby declare that the following is a full, clear, and exact description thereof.

My invention consists of the production of a water-proof coating, applicable to woods of any kind or to other substances, for the purpose of preserving or rendering them impervious, the component parts of which are described below.

I dissolve native asphaltum or Cuba bitumen (*chappapotte*) in any cheap and suitable solvent, such as alcohol, naphtha, wood-spirit, or oil of turpentine, by frequent agitation and the aid of heat, if necessary, and then thicken the solution with litharge, chalk, or oxide of iron, and mix with paraffine oil (heavy petroleum) or naphthaline oil, (gas-tar oil,) when the mixture is ready for use.

The relative proportion of these ingredients will, necessarily, vary in accordance with the purpose to which the compound is to be applied, rendering it more or less fluid, or increasing or diminishing its elasticity, as may be desired.

The purposes to which this compound may be applied are so numerous as to render it impossible to enumer-

ate them. Being impervious to air or water, it may be applied to the surface of any substance liable to deterioration from dampness, oxidation, &c., and from its antiseptic properties it is peculiarly adapted to use in rendering tight the joints of cisterns, water-tanks, &c.

It is believed that this compound possesses many advantages over any in use intended for a like purpose, among which are, first, while drying with equal rapidity, it is more elastic and less liable to crack in cold weather; second, the addition of the mineral ingredients renders it less inflammable, and therefore better for roofs or places at all liable to exposure from fire; third, the ingredients are so cheap and easily compounded as to render its general use certain.

Having thus fully set forth the nature and merits of my invention,

What I claim as new, and desire to secure by Letters Patent, is—

A solution of native asphaltum or Cuba bitumen, combined with mineral ingredients and fatty matters, substantially as and for the purpose herein specified.

In testimony that I claim the foregoing, I have hereunto set my hand, this 8th day of March, 1869.

EMILE VICTOR AUDIBERT.

Witnesses:

L. A. LANGE,
ALEX. FUCHS.