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Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this

United States Patent

Grants to the person or persons having title to this patent the right to exclude others from making, using or selling the invention throughout the United States of America for the term of seventeen years from the date of this patent, subject to the payment of maintenance fees as provided by law.

Bence Lehman

Commissioner of Patents and Trademarks

Kornaly Cooper

Attest





US005482543A

United States Patent [19]

Bleve et al.

[11] **Patent Number:** **5,482,543**

[45] **Date of Patent:** **Jan. 9, 1996**

[54] **MULTIPURPOSE, ECOLOGICAL WATER-PAINT**

106/18.36; 106/139; 106/146; 106/772; 106/773; 106/774; 106/776; 106/778; 106/780; 106/782; 106/788

[75] Inventors: **Donato L. Bleve; Francesco Defrancesco; Fernando Ciardo**, all of Corsano, Italy

[58] **Field of Search** 106/139, 146, 106/14.05, 14.11, 14.21, 14.41, 14.39, 14.44, 15.05, 18.11, 18.12, 772, 773, 774, 776, 778, 780, 782, 788, 14.45, 18.36; 427/384

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[56] **References Cited**

[21] Appl. No.: **256,616**

U.S. PATENT DOCUMENTS

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1,781,019 11/1930 Larson 106/146
2,844,481 7/1958 Langworthy 106/146

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[57] **ABSTRACT**

[30] **Foreign Application Priority Data**

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A new and original water paint is disclosed, in liquid form, such as a milky emulsion, containing a low amount of water and comprising minerals, acetic acid solution, and other components. The new water paint has bactericidal, fireproof, transpiring, ecological, isolating and desalting properties and is suitable to coat manufactured building articles, wood, metals and plastic.

[51] **Int. Cl.⁶** **C09D 5/00**

[52] **U.S. Cl.** **106/14.05**; 106/14.11; 106/14.21; 106/14.39; 106/14.41; 106/14.44; 106/14.45; 106/15.05; 106/18.11; 106/18.12;

7 Claims, No Drawings