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# United States Patent [19]

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**Bernardo**

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[54] **100% POLYESTER MATERIAL FOR THE MANUFACTURE OF A PEST CONTROL APPLICATOR**

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[21] Appl. No.: **393,137**

[57] **ABSTRACT**

[22] Filed: **Feb. 21, 1995**

**Related U.S. Application Data**

Gas-permeable 100% reinforced thermosetting polyester film material for the manufacture of pest control applicators, comprising a grid including a base of polyester yarn overlain with top and bottom layers of polyester fibers, and an aqueous-based paste of the same polyester filling the spaces between the grid yarn and fibers and having a melting point lower than the grid yarn and fibers polyester. A pest control applicator is formed of such film material, filled with pest control agent reactive with water to release a fumigating gas, and after reaction of the pest control agent with air humidity, the applicator is immersed in water to deactivate residual pest control agent.

[63] Continuation-in-part of Ser. No. 995,628, Dec. 21, 1992, abandoned.

[51] **Int. Cl.<sup>6</sup>** ..... **B32B 1/04**; B32B 3/02; A01M 13/00; A01M 1/20

[52] **U.S. Cl.** ..... **428/76**; 428/70; 428/74; 428/96; 428/480; 43/125; 43/131; 43/132.1

[58] **Field of Search** ..... 428/74, 76, 70, 428/96, 480; 43/125, 131, 132.1

[56] **References Cited**

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**9 Claims, 2 Drawing Sheets**

