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The Commissioner of Patents and Trademarks

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.



Handwritten signature of Ronald D. King

Commissioner of Patents and Trademarks

Handwritten signature of Melvinia Gary

[54] **ROTARY DRIER FOR DRYING HEAT-SENSITIVE PRODUCTS AND PHARMACEUTICALS**

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[52] **U.S. Cl.** ..... 34/92; 34/15; 34/185; 366/224

[58] **Field of Search** ..... 34/15, 92, 185, 108, 34/140; 366/224

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

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[57] **ABSTRACT**

A vacuum rotary drier comprising a hollow body which rotates about a horizontal axis is provided with supplementary stirring devices. These devices, which are fixed to the walls of the hollow body, include a motor located outside the drying chamber and a stirring implement which rotates at high speed within the drying chamber and serves to break up lumps present in the product to be dried.

**4 Claims, 2 Drawing Figures**

