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United States Patent	[10]

Hagan et al.

[11] Patent Number:

4,587,139

[45] Date of Patent:

May 6, 1986

[54]	MAGNET APPARA	IC DISK COATING METHOD AND TUS				
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[21]	Appl. No.	685,087				
[22]	Filed:	Dec. 21, 1984				
[51] [52]	U.S. Cl					
[58]	Field of Se	427/377 arch 427/240, 130, 128, 377; 118/52, 240, 401, 409, 107				
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A rigid magnetic disk substrate is spin coated using a closely confining, stationary air barrier adjacent the surface being coated. The coating is applied through a slotted opening in the air barrier which is progressively closed as the coating is applied and completely sealed during the spin-off operation. During the application of the coating, the air barrier is positioned approximately 0.15 inch from the disk substrate surface and prior to spin-off, the barrier is moved to a position 0.025 inch from the coated surface. Further, during the high speed spin-off cycle a high kinematic viscosity gas, such as helium, is introduced into the space between the barrier and the coated surface to establish a laminar flow condition and eliminate spoking of the coated material.

ABSTRACT

10 Claims, 2 Drawing Figures

