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## United States Patent [19]

#### Sato et al.

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[54]	METHOD OF ASHING			
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[73]	Assignee:	Sony Corporation, Japan		
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Aug. 31, 1992 [JP] Japan 4-255790				
		<b>H05H 1/00;</b> H01L 21/00 <b>156/643;</b> 156/646; 156/651; 156/668; 134/1		
[58]	Field of Sea	rch 156/643, 646, 668, 651, 156/345; 134/1		
[56]	References Cited			
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#### **ABSTRACT**

A method of ashing comprises the steps of cooling the work to a temperature of 0° C. or therebelow and causing ashing of a photo-resist on the work. An apparatus for ashing comprises a cooling ashing chamber, a heating ashing chamber, and a gate valve provided between the two chambers. The method and apparatus as noted solves prior art problems and permits photo-resist which has heretofore been difficult to remove to be removed as well and readily and with satisfactory productivity.

5 Claims, 7 Drawing Sheets

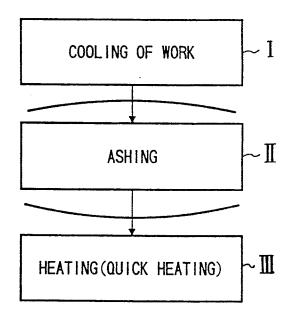




FIG.1

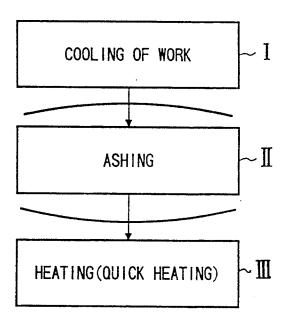


FIG.2A

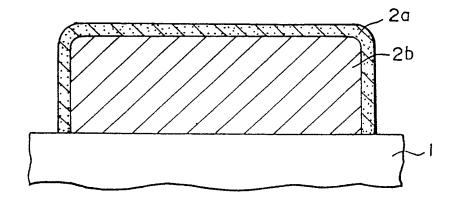




FIG.2B

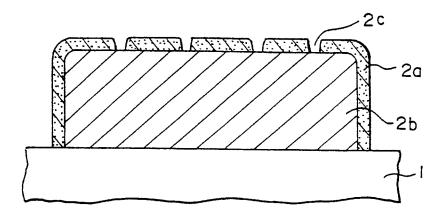


FIG.2C

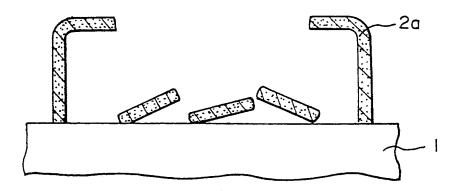


FIG.2D

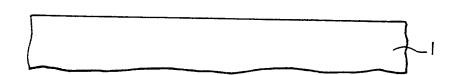
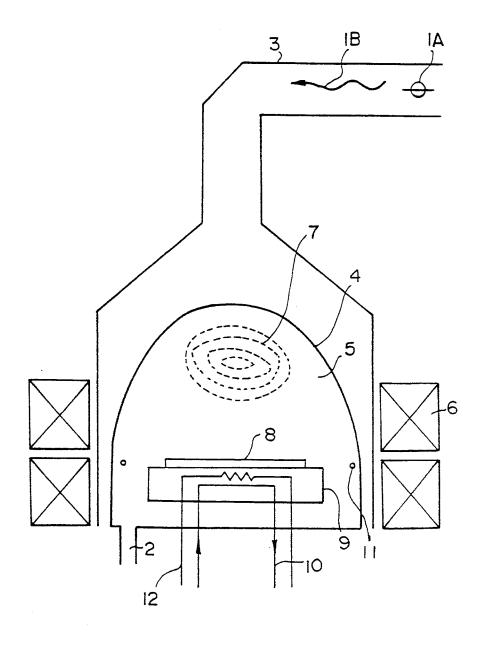
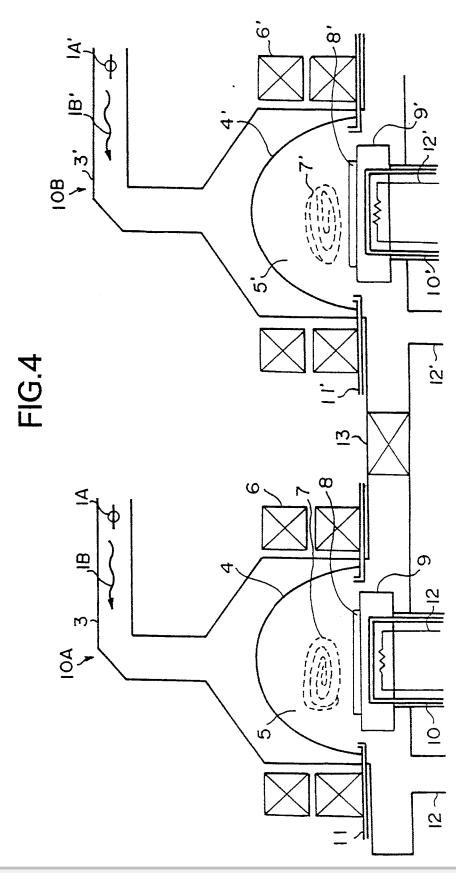


FIG.3





Feb. 28, 1995





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