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Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

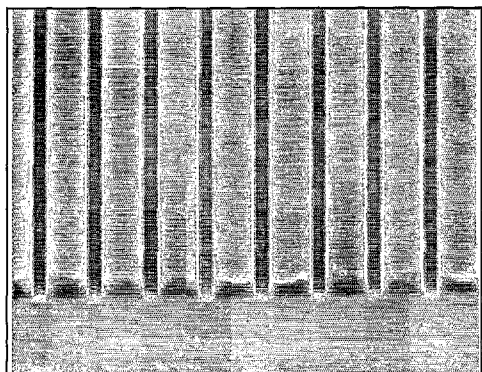
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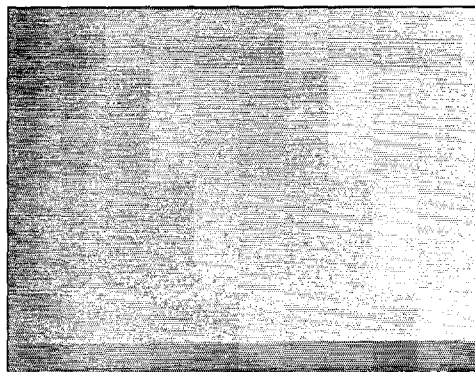
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(54) Title: FORMULATIONS FOR CLEANING ION-IMPLANTED PHOTORESIST LAYERS FROM MICROELECTRONIC DEVICES



A



B

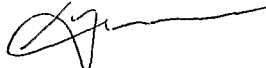
(57) Abstract: A method and composition for removing bulk and ion-implanted photoresist and/or post-etch residue material from densely patterned microelectronic devices is described. The composition includes a co-solvent, a chelating agent, optionally an ion pairing reagent, and optionally a surfactant. The composition may further include dense fluid. The compositions effectively remove the photoresist and/or post-etch residue material from the microelectronic device without substantially over-etching the underlying silicon-containing layer(s) and metallic interconnect materials.

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## INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC: <b>B08B 3/00</b> (2006.01)  USPC: 510/175 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 510/175  Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) CAS; DERWENT		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A, P	US 6,905,556 B1 (HUMAYUN et al) 14 June 2005 (14.06.2005), columns 7-8.	1-42
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
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