

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
14 October 2004 (14.10.2004)

PCT

(10) International Publication Number
WO 2004/087561 A3

(51) International Patent Classification⁷: **H01L 21/00**

(21) International Application Number:
PCT/US2004/009222

(22) International Filing Date: 24 March 2004 (24.03.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/402,889 28 March 2003 (28.03.2003) US

(63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:
US 10/402,889 (CON)
Filed on 28 March 2003 (28.03.2003)

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

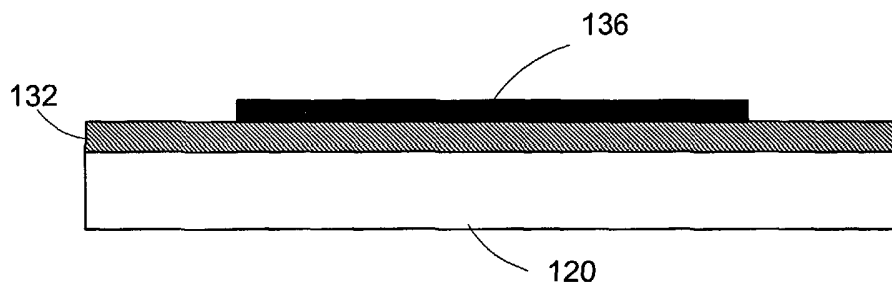
Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
29 December 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: NOVEL SACRIFICIAL LAYERS FOR USE IN FABRICATIONS OF MICROELECTROMECHANICAL DEVICES



(57) Abstract: A sacrificial layer and a method for applying said sacrificial layer in fabricating microelectromechanical devices are disclosed herein. The sacrificial layer comprises an early transition metal. Specifically, the sacrificial layer comprises an early transition metal element, an early transition metal alloy or an early transition metal silicide.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/09222

<p>A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : H01L 21/00 US CL : 438/57, 70 According to International Patent Classification (IPC) or to both national classification and IPC</p>												
<p>B. FIELDS SEARCHED</p> <p>Minimum documentation searched (classification system followed by classification symbols) U.S. : 438/48-53, 57, 70</p> <p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched NONE</p> <p>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) NONE</p>												
<p>C. DOCUMENTS CONSIDERED TO BE RELEVANT</p> <table border="1"> <thead> <tr> <th>Category *</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>X,P --- Y,P</td> <td>US 2004/0014253 A1 (GUPTA et al) 22 January 2004 (22.01.2004), Figures; paragraphs 0059-0060.</td> <td>1-4, 7, 10, 11, 14, 17, 18, 21, 24, 31-34, 36, 37, 41-44 ----- 5, 6, 8, 9, 12, 13, 15, 16, 19, 20, 22, 23, 25-30, 35, 38-40</td> </tr> <tr> <td>Y</td> <td>US 2002/0015215 A1 (MILES) 07 February 2002 (07.02.2002), paragraphs 0062, 0065.</td> <td>5, 6, 8, 9, 12, 13, 15, 16, 19, 20, 22, 23, 25-30, 35, 38-40</td> </tr> </tbody> </table>			Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X,P --- Y,P	US 2004/0014253 A1 (GUPTA et al) 22 January 2004 (22.01.2004), Figures; paragraphs 0059-0060.	1-4, 7, 10, 11, 14, 17, 18, 21, 24, 31-34, 36, 37, 41-44 ----- 5, 6, 8, 9, 12, 13, 15, 16, 19, 20, 22, 23, 25-30, 35, 38-40	Y	US 2002/0015215 A1 (MILES) 07 February 2002 (07.02.2002), paragraphs 0062, 0065.	5, 6, 8, 9, 12, 13, 15, 16, 19, 20, 22, 23, 25-30, 35, 38-40	
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<p>Date of the actual completion of the international search 19 September 2004 (19.09.2004)</p>		<p>Date of mailing of the international search report 17 NOV 2004</p>										
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