

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
6 January 2005 (06.01.2005)

PCT

(10) International Publication Number
WO 2005/001895 A3

(51) International Patent Classification⁷: **C23C 14/00**,
H01L 29/76, 29/94, 29/06, 31/062

(21) International Application Number:
PCT/US2004/017537

(22) International Filing Date: 3 June 2004 (03.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/477,997 12 June 2003 (12.06.2003) US

(71) Applicant (for all designated States except US): **Georgia Technology Research Corporation** [US/US]; 505 10th Street, Atlanta, GA 30332-0415 (US).

(72) Inventors: **DEHEER, Walt**; 508 Claire Drive, Atlanta, GA 30307 (US). **BERGER, Claire**; 6145 Aberdeen Drive, Atlanta, GA 30328 (US). **FIRST, Phillip**; 2882 Greenrock Trail, Doraville, GA 30340 (US).

(74) Agent: **ARNALL GOLDEN GREGORY LLP**; 1201 West Peachtree Street, Suite 2800, Atlanta, GA 30309-3450 (US).

(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, US, 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, NA, 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).

Declaration under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations 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, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (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 patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

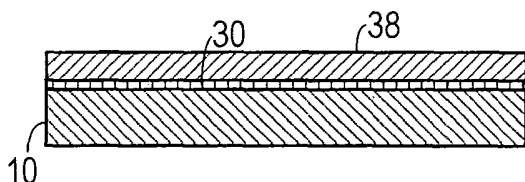
Published:

— 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:
19 January 2006

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: PATTERNED THIN FILM GRAPHITE DEVICES AND METHOD FOR MAKING SAME



(57) Abstract: In a method of making graphite devices (100), a preselected crystal face (12) of a crystal (10) is annealed to create a thin-film graphitic layer (30) disposed against selected face (12). A preselected pattern is generated on the thin-film graphitic layer (30). A functional structure (320) includes a crystalline substrate (10) having a preselected crystal face (12). A thin-film graphitic layer (30) is disposed on the preselected crystal face (12). The thin-film graphitic layer (30) is patterned so as to define at least one functional structure (320).

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/17537

A. CLASSIFICATION OF SUBJECT MATTER												
IPC(7) : C23C 14/00; H01 L 29/76, 29/94, 29/06, 31/062												
US CL : 204/192.16,298.09 ; 438/ 99, 104,105 ; 257/009, 24 , 368, 421												
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. : 204/192.16,298.09 ; 438/ 99, 104,105 ; 257/009, 24 , 368, 421												
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)												
C. DOCUMENTS CONSIDERED TO BE RELEVANT												
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.										
X --- Y	US 6,136,160 A (HRKUT et al) 24 Oct 2000 (24.10.2000) , the abstract,fig 1,column 7 lines 19-20, claim 1.	1-2,10,21,27 ----- 3-9,11-20,22-26										
X --- Y	US 6,159,558 A (WOLFE et al) 12 Dec 2000 (12.12.2000) the abstract,fig 1,fig 2,claim 1.	1-2,10,21,27 ----- 3-9,11-20,22-26										
X --- Y	US 6,515,339 (SHIN et al) 4 Feb 2003 (04.02.2003)	1,2,10,21,27-31 ----- 33-39,46-51,53-55										
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.												
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Date of the actual completion of the international search		Date of mailing of the international search report										
29 September 2005 (29.09.2005)		15 NOV 2005										
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