(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
9 June 2011 (09.06.2011)

PCT

(10) International Publication Number
WO 2011/068660 A2

(51) International Patent Classification:
H01L 21/673 (2006.01) *H01L 21/20* (2006.01)
H01L 21/683 (2006.01)

(21) International Application Number:
PCT/US2010/056622

(22) International Filing Date:
12 November 2010 (12.11.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
12/629,467 2 December 2009 (02.12.2009) US

(71) Applicant *(for all designated States except US)*: **VEECO INSTRUMENTS INC.** [US/US]; Terminal Drive, Plainview, New York 11803 (US).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **MANGUM, Joshua** [US/US]; 51 Alexandria Way, Basking Ridge, New Jersey 07920 (US). **QUINN, William, E.** [US/US]; 14 Militia Road, Whitehouse Station, New Jersey 08889 (US).

(74) Agent: **RAUSCHENBACH, Kurt**; P.O. Box 387, Bedford, Massachusetts 01730 (US).

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

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

— *of inventorship (Rule 4.17(iv))*

Published:

— *without international search report and to be republished upon receipt of that report (Rule 48.2(g))*

(54) **Title**: METHOD FOR IMPROVING PERFORMANCE OF A SUBSTRATE CARRIER

(57) **Abstract**: A method of modifying a substrate carrier to improve process performance includes depositing material or fabricating devices on a substrate supported by a substrate carrier. A parameter of layers deposited on the substrate is then measured as a function of their corresponding positions on the substrate carrier. The measured parameter of at least some devices fabricated on the substrate or a property of the deposited layers is related to a physical characteristic of substrate carrier to obtain a plurality of physical characteristics of the substrate carrier corresponding to a plurality of positions on the substrate carrier. The physical characteristic of the substrate carrier is then modified at one or more of the plurality of corresponding positions on the substrate carrier to obtain desired parameters of the deposited layers or fabricated devices as a function of position on the substrate carrier.

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