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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
10 November 2011 (10.11.2011)

PCT

(10) International Publication Number
WO 2011/137513 A1

(51) International Patent Classification:
G01N 33/574 (2006.01)

(21) International Application Number:
PCT/CA2011/000511

(22) International Filing Date:
4 May 2011 (04.05.2011)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/330,966 4 May 2010 (04.05.2010) US
61/332,358 7 May 2010 (07.05.2010) US

(72) Inventors; and
(71) Applicants : **WALFISH, Paul** [CA/CA]; 68 Yorkville Avenue, Suite 402, Toronto, Ontario M5R 3V7 (CA). **RALHAN, Ranju** [IN/CA]; 385 Conley Street, Thornhill, Ontario L4J 6T2 (CA).

(74) Agents: **NADOR, Anita** et al.; McCarthy Tétrault LLP, Box 48, Suite 5300, Toronto Dominion Bank Tower, 66 Wellington Street West, Toronto, Ontario M5K 1E6 (CA).

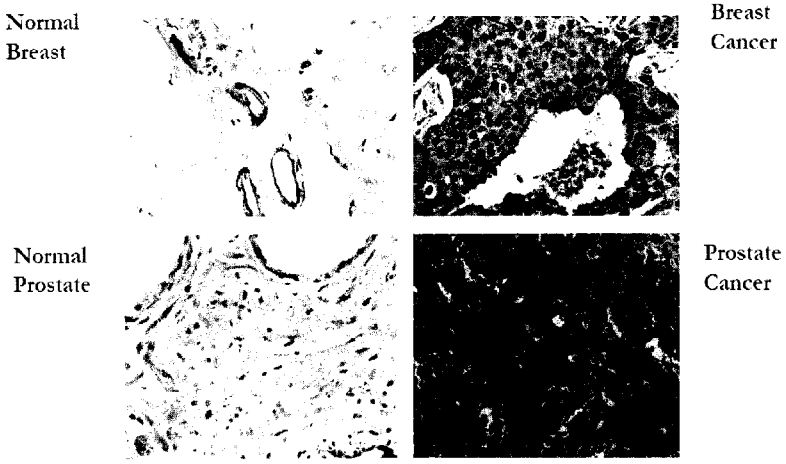
(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, 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).

Published:
— *with international search report (Art. 21(3))*

(54) **Title**: METHOD FOR THE DIAGNOSIS OF EPITHELIAL CANCERS BY THE DETECTION OF EPICD POLYPEPTIDE

FIG.1



(57) **Abstract**: Methods for detecting, diagnosing and monitoring an epithelial cancer in a patient are described comprising measuring in a sample from the patient EpICD polypeptides and EpICD polynucleotides. The invention also provides kits and compositions for carrying out the methods of the invention.

WO 2011/137513 A1