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

CORRECTED VERSION

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
13 December 2007 (13.12.2007)

PCT

(10) International Publication Number
WO 2007/141626 A8

(51) International Patent Classification:
G01N 33/574 (2006.01) *G01N 33/50* (2006.01)

(21) International Application Number:
PCT/IB2007/001483

(22) International Filing Date: 29 May 2007 (29.05.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/810,811 2 June 2006 (02.06.2006) US

(71) Applicant *(for all designated States except US)*: **PFIZER PRODUCTS INC.** [US/US]; Eastern Point Road, Groton, CT 06340 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **GUALBERTO, Antonio** [ES/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US). **ROBERTS, Luisa Maria** [IT/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US). **MELVIN, Carrie Lynn** [US/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US). **REPOLLET, Madeline I.** [US/US]; 357 Camp Hill Road, Fort Washington, PA 19034 (US). **CHIANESE, David Allen** [US/US]; 41 St. Paul's Road, Ardmore, PA 19003 (US). **CONNELLY, Mark, Carle** [US/US]; 4770 Nottingham Way, Doylestown, PA 19802 (US). **TERSTAPPEN, Leonardus, Wendelinus, Mathias, Marie** [NL/US]; 1640 Huntingdon Pike, Huntingdon Valley, PA 19006 (US).

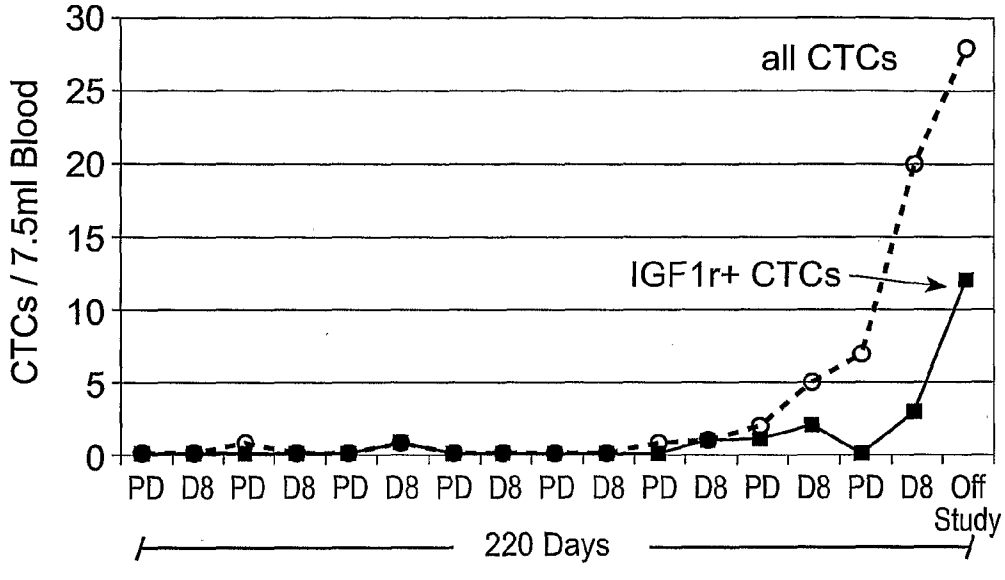
(74) Agent: **FULLER, Grover, F., Jr.**; Pfizer Inc., 150 East 42nd Street, New York, NY 10017 (US).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, 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, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

[Continued on next page]

(54) Title: CIRCULATING TUMOR CELL ASSAY

FIG. 6A



(57) Abstract: Methods for the detection, enumeration and analysis of circulating tumor cells expressing insulin-like growth factor-1 receptors (IGF-1R) are disclosed. These methods are useful for cancer screening and staging, development of treatment regimens, and for monitoring for treatment responses, cancer recurrence or the like. Test kits that facilitate the detection, enumeration and analysis of such circulating tumor cells are also provided.

WO 2007/141626 A8

(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, IS, IT, LT, LU, LV, MC, MT, 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*

(48) Date of publication of this corrected version:
8 January 2009

(15) Information about Correction:
see Notice of 8 January 2009