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

CORRECTED VERSION

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
4 May 2006 (04.05.2006)

PCT

(10) International Publication Number
WO 2006/046217 A2

(51) International Patent Classification:
G06F 19/00 (2006.01)

(21) International Application Number:
PCT/IB2005/053537

(22) International Filing Date: 28 October 2005 (28.10.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/623,311 29 October 2004 (29.10.2004) US

(71) Applicant *(for all designated States except US)*: **CYTOPATHFINDER, INC.** [JP/JP]; 14-8, Hatanodai 6-chome, Shinagawa-ku, Tokyo 142-0064 (JP).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **MIYAKE, Masato** [JP/JP]; c/o AIST Kansai, Amagasaki Site, 11-46, Nakoji 3-chome, Amagasaki-shi, Hyogo 6610974 (JP). **YOSHIKAWA, Tomohiro** [JP/JP]; c/o AIST Kansai, Amagasaki Site, 11-46, Nakoji 3-chome, Amagasaki-shi, Hyogo 6610974 (JP). **UEDA, Takanori** [JP/JP]; c/o AIST Kansai, Amagasaki Site, 11-46, Nakoji 3-chome, Amagasaki-shi, Hyogo 6610974 (JP). **MIYAKE, Jun** [JP/JP]; c/o AIST Kansai, Amagasaki Site, 11-46, Nakoji 3-chome, Amagasaki-shi, Hyogo 6610974 (JP).

(74) Agents: **YAMAMOTO, Shusaku** et al.; Fifteenth Floor, Crystal Tower, 2-27, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 5406015 (JP).

(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, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, 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, IS, IT, LT, LU, LV, 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 declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority*

(48) Date of publication of this corrected version:
12 July 2007

(15) Information about Corrections:
see PCT Gazette No. 28/2007 of 12 July 2007
Previous Correction:
see PCT Gazette No. 15/2007 of 12 April 2007

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: METHODS AND SYSTEMS FOR ANALYZING A NETWORK OF BIOLOGICAL FUNCTIONS

(57) Abstract:

WO 2006/046217 A2