

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
27 March 2008 (27.03.2008)

PCT

(10) International Publication Number  
**WO 2008/036306 A3**

(51) International Patent Classification:  
*C12Q 1/00* (2006.01)

(21) International Application Number:  
PCT/US2007/020283

(22) International Filing Date:  
18 September 2007 (18.09.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

11/523,809	18 September 2006 (18.09.2006)	US
11/523,766	18 September 2006 (18.09.2006)	US
11/637,638	11 December 2006 (11.12.2006)	US
11/637,616	11 December 2006 (11.12.2006)	US
11/729,301	27 March 2007 (27.03.2007)	US
11/729,276	27 March 2007 (27.03.2007)	US
11/729,275	27 March 2007 (27.03.2007)	US
11/729,274	27 March 2007 (27.03.2007)	US
11/799,465	30 April 2007 (30.04.2007)	US
11/799,462	30 April 2007 (30.04.2007)	US
11/824,529	28 June 2007 (28.06.2007)	US
11/824,604	28 June 2007 (28.06.2007)	US
11/888,627	31 July 2007 (31.07.2007)	US
11/888,614	31 July 2007 (31.07.2007)	US
11/888,613	31 July 2007 (31.07.2007)	US
11/893,608	15 August 2007 (15.08.2007)	US
11/893,606	15 August 2007 (15.08.2007)	US
11/893,605	15 August 2007 (15.08.2007)	US
11/900,637	11 September 2007 (11.09.2007)	US
11/900,649	11 September 2007 (11.09.2007)	US
11/900,660	11 September 2007 (11.09.2007)	US

(71) Applicant (for all designated States except US):  
**SEARETE LLC** [US/US]; 1756-114th Ave. SE.,  
Suite 110, Bellevue, WA 98004 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **JUNG, Edward,**  
**K.y.** [US/US]; 13420 Ne 36th Street, Bellevue, WA

98005-1403 (US). **LEUTHARDT, Eric, C.** [US/US];  
5561 Waterman Blvd Condo 1 West, St. Louis, MO 63112  
(US). **LEVIEN, Royce, A.** [US/US]; 43 Somerset Road,  
Lexington, MA 02420-3519 (US). **LORD, Robert, W.**  
[US/US]; 1410 41st Ave East, Seattle, WA 98112 (US).  
**MALAMUD, Mark, A.** [US/US]; 1508 Ninth Avenue  
West, Seattle, WA 98119 (US). **RINALDO, John, D.**  
[US/US]; 1560 - 134th Avenue S.e. #301, Bellevue, WA  
98005-8030 (US). **WOOD, Lowell, L.** [US/US]; 989  
112th Avenue Ne #2310, Bellevue, WA 98004 (US).

(74) Agent: **COOK, Dale, R.;** C/o Searete Llc, 1756 114th Ave  
SE, Suite 110, Bellevue, WA 98004 (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, ME, 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.

(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  
— 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:  
6 November 2008

(54) Title: SYSTEMS AND METHODS FOR RECEIVING PATHOGEN RELATED INFORMATION AND RESPONDING

(57) Abstract: The present disclosure relates to methods and systems that may be used for detection of one or more pathogens and determining one or more agents in response to pathogen detection.



WO 2008/036306 A3

**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/US07/20283

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC: C12Q 1/00( 2006.01)  
  
 USPC: 435/4  
 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. : 435/4

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
 Google

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
 EAST-microfluidic, chips, pathogen

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00/060362 (YOUNG et al.) 12 October 2000 (12.10.2000), whole document.	1-156
A	SMITH, New Chip identifies bird flu in humans, 2008, www.thetechheerald.com/article/php/200813/520/New-chip-ident.	1-156
A	WO 99/45354 (MARKS et al.) 10 September 1999 (10.09.99), whole document.	1-156
A	WO 01/79529 A1 (PURDUE RESEARCH FOUNDATION) 25 October 2001 (25.10.2001), whole document.	1-156

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"P" document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search 15 August 2008 (15.08.2008)	Date of mailing of the international search report 11 SEP 2008
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201	Authorized officer TIFFANY M. GOUGH Telephone No. 571-272-1234