(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 16 November 2006 (16.11.2006)

(10) International Publication Number WO 2006/121510 A3

(51) International Patent Classification:

 C12Q 1/68 (2006.01)
 G01N 33/48 (2006.01)

 G01N 15/06 (2006.01)
 G01N 35/00 (2006.01)

 G01N 33/00 (2006.01)
 B23P 17/04 (2006.01)

(21) International Application Number:

PCT/US2006/011090

(22) International Filing Date: 24 March 2006 (24.03.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/678,801	9 May 2005 (09.05.2005)	US
60/705,489	5 August 2005 (05.08.2005)	US
60/717,192	16 September 2005 (16.09.2005)	US
60/721,097	28 September 2005 (28.09.2005)	US

- (71) Applicant (for all designated States except US): THER-ANOS, INC. [US/US]; 1430 O'BRIEN DRIVE, Suite H, Menlo Park, California 94025 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): HOLMES, Elizabeth A. [US/US]; 325 Channing, #118, Palo Alto, California 94301 (US). ROY, Shaunak [US/US]; 3222 Glendora Avenue, #106, San Mateo, California 94403 (US). HOWARD, John [US/US]; 20620 Komina Avenue, Saratoga, California 95070 (US). WANG, Chengwang [CN/US]; 100 N. Whisman Road, Apt. #3123, Mountain View, California 94043 (US). GIBBONS, Ian [GB/US]; 831 La Mesa Drive, Portola Valley, California 94023 (US). KEMP, Tim [US/US]; 1037 Redmond Avneue, San Jose, California 95120 (US). TODD, Chris [US/US]; 84

Cleaves Avenue, San Jose, California 95120 (US). **ORAL, Ron** [US/US]; 3871 Kinglet Terrace, Fremont, California 94555 (US). **ZENG, Shulin** [US/US]; 465 Gabilan Street, #9, Los Altos, California 94022 (US). **FENTON, Jeff** [US/US]; 4025 Payne Avenue, San Jose, California 95117 (US). **QI, Shize Daniel** [CN/US]; 130 Fano Street, #C, Arcadia, California 91006 (US).

- (74) Agents: WONG, Karen K. et al.; WILSON SONSINI GOODRICH & ROSATI, 650 Page Mill Road, Palo Alto, California 94304-1050 (US).
- (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 international search report
- (88) Date of publication of the international search report: 9 April 2009

(54) Title: POINT-OF-CARE FLUIDIC SYSTEMS AND USES THEREOF

(57) Abstract: This invention is in the field of medical devices. Specifically, the present invention provides portable medical devices that allow real-time detection of analytes from a biological fluid. The methods and devices are particularly useful for providing point-of-care testing for a variety of medical applications.



INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/11090

A. CLASSIFICATION OF SUBJECT MATTER IPC: C12Q 1/68(2006.01);G01N 15/06(2006.01),33/00(2006.01),33/48(2006.01),35/00(2006.01);B23P 17/04(2006.01)				
USPC: According to	422/50,68.1,100;436/43,63,180;29/592 International Patent Classification (IPC) or to both nat	tional classification and IPC		
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	DS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) U.S.: 422/50,68.1,100;436/43,63,180; 29/592				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST				
C. DOC	UMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.	
A	US 6,878,755 (SINGH et al.) 12 APRIL 2005.		1-122	
A	US 6,887,202 (CURRIE et al.) 03 MAY 2005.		1-122	
A	US 6,966,880 (BOECKER et al.) 22 NOVEMBER 2005.		1-122	
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Further	documents are listed in the continuation of Box C.	See patent family annex.		
•	pecial categories of cited documents:	"T" later document published after the inter date and not in conflict with the applica		
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"O" document	referring to an oral disclosure, use, exhibition or other means	being obvious to a person skilled in the		
"P" document published prior to the international filing date but later than the priority date claimed		"&" document member of the same patent family		
Date of the ac	ctual completion of the international search	Date of mailing of the international search report		
22 June 2008		USDEC 2008		
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US		Authorized officer		
Commissioner for Patents		B.J. Sines		
P.O. Box 1450 Alexandria, Virginia 22313-1450		Telephone No. (866) 217-9197		
Facsimile No. (571) 273-3201				

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/11090

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)			
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:			
1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:			
Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:			
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).			
Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)			
This International Searching Authority found multiple inventions in this international application, as follows: Please See Continuation Sheet			
1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims. 2. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of any additional fees. 3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:			
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: Remark on Protest The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.			
The additional search fees were accompanied by the applicant's protest but the applicable protest fee			
was not paid within the time limit specified in the invitation. No protest accompanied the payment of additional search fees.			

Form PCT/ISA/210 (continuation of first sheet(2)) (April 2007)