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(71) Applicant (for all designated States except US): ABAXIS, INC. [US/US]; 3240 Whipple Road, Union City, California 94587-1217 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): MEHRA, Rajesh K. [US/US]; 606 San Conrado Terrace, Unit 5, Sunnyvale, California 94085 (US). ARON, Kenneth P. [US/US]; 1600 Sherman Avenue, Burlingame, California 94010 (US). NETTO, Madeline [US/US]; 34547 Pueblo Terrace, Fremont, California 94555 (US).

(74) Agents: WU, Nan et al.; Cooley LLP, 777 6th Street, NW, Suite 1100 , Washington, DC 20001 (US).

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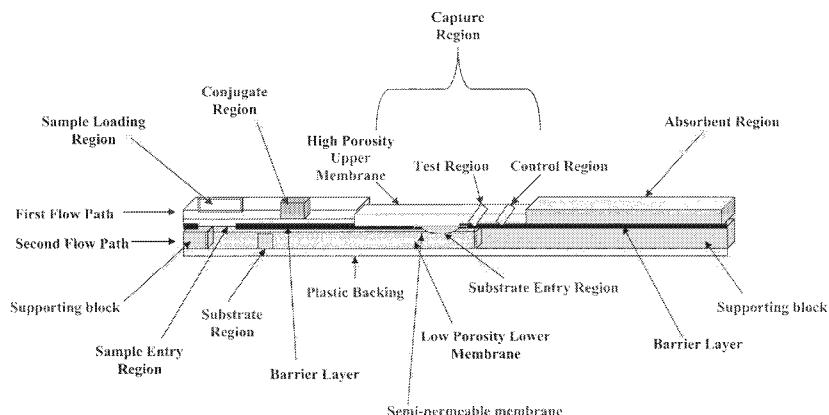
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(54) Title: SPLIT FLOW DEVICE FOR ANALYSES OF SPECIFIC-BINDING PARTNERS

FIGURE 1



(57) Abstract: The present invention provides an analyte detection system for detecting a target analyte in a sample. In particular, the invention provides a detection system capable of one-step amplification of the detection signal by incorporating a secondary flow path that can deliver reagents to a reaction zone. Methods of using the detection system to detect analytes in samples, particularly biological samples, and kits comprising the detection system are also disclosed.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

G01N 33/50(2006.01)i, G01N 33/538(2006.01)i, G01N 33/535(2006.01)i

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)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean utility models and applications for utility models
Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKOMPASS(KIPO internal) & Keywords: analyte, detection, flow path, and similar terms

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KR 20-0357467 Y1 (CHOI, SEMOOK) 30 July 2004 See pages 2, 3; figures 1-4.	1-25
A	US 7294503 B2 (STEPHEN R. QUAKE; TODD THORSEN) 13 November 2007 See columns 15-27, 58, 59; figures 1-6, 14, 15, 22.	1-25
A	JP 2007-101200 A (YOKOGAWA ELECTRIC CORP.) 19 April 2007 See pages 4-9; figures 1-7.	1-25
A	US 6264892 B1 (PATRICK KALTENBACH et al.) 24 July 2001 See columns 9-17; figures 1-5.	1-25

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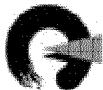
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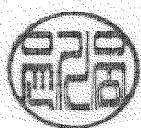
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Information on patent family members

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