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Form PTO-1595 (Rev. 10-08)
OMB No. 0651-0027 (exp. 11/30/2008)

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02-26-2009

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

ET



103550004

documents or the new address(es) below.

To the Director of the U.S. Patent

1. Name of conveying party(ies)

HANDYLAB, INC.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 8/14/07

- ☐ Assignment ☐ Merger
☒ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: Venture Lending & Leasing IV, Inc. and

Internal Address: Venture Lending & Leasing V, Inc.

Street Address: 2010 North First Street

City: San Jose

State: CA

Country: US Zip: 95131

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)

29/257,029; 10/778,598; 60/737,519; 11/417,688; 10/360,854;
10/014,520; 10/014,519; 10/075,371; 10/246,814; 11/251,188;
10/567,002; 29/257,030; 10/489,404; 60/645,784; 11/338,422;
29/257,028;☐ This document is being filed together with a new application.

B. Patent No.(s)

6,692,700; 7,010,391; 6,852,287; 6,575,188;

Additional numbers attached? ☒ Yes ☐ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Jeffrey T. Klugman

Internal Address:

Street Address: 4 Embarcadero Center, Suite 4000

City: San Francisco

State: CA Zip: 94111

Phone Number: 415-981-1400

Fax Number: 415-777-4961

Email Address:

6. Total number of applications and patents involved: 27

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 1,080.00

- ☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number

Authorized User Name

9. Signature:

Signature

2/18/09

Date

Jeffrey T. Klugman

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

13

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT
REEL: 022320 FRAME: 0064

Recordation Cover Sheet
For Assignment of Handylab, Inc. Patents

Serial Number Application Number/
Patent Number

60/726,066
11/281,247
11/078,183
10/553,584
60/786,007
10/910,255
60/551,785

46109/0053
2/18/09/MVR/358791.1

PATENT
REEL: 022320 FRAME: 0065

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement (this "Agreement") is made as of August 14, 2007, by and between HANDYLAB, INC., a Delaware corporation ("Grantor"), and VENTURE LENDING & LEASING IV, INC. ("VLL4") and VENTURE LENDING & LEASING V, INC. ("VLL5"), both Maryland corporations (sometimes referred to herein individually or together as "Secured Party").

RECITALS

A. Pursuant to (i) that certain Loan and Security Agreement of even date herewith between Grantor, as borrower, and VLL4, as lender, and (ii) that certain Loan and Security Agreement of even date herewith between Grantor, as borrower, and VLL5, as lender, as such agreements may from time to time be amended, restated, supplemented or otherwise modified (individually and together, the "Loan Agreement"), Secured Party has agreed to make certain advances of money and to extend certain financial accommodations to Grantor (the "Loans") in the amounts and manner set forth in the Loan Agreement. All capitalized terms used herein without definition shall have the meanings ascribed to them in the Loan Agreement.

B. Secured Party is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Secured Party a security interest in substantially all of Grantor's personal property whether presently existing or hereafter acquired. To that end, Grantor has executed in favor of Secured Party the Loan Agreement granting a security interest in all Collateral, and is executing this Agreement with respect to certain items of Intellectual Property, in particular.

NOW, THEREFORE, THE PARTIES HERETO AGREE AS FOLLOWS:

1. Grant of Security Interest. As collateral security for the prompt and complete payment and performance of all of Grantor's present or future Obligations, Grantor hereby grants a security interest and mortgage to Secured Party, as security, in and to Grantor's entire right, title and interest in, to and under the following Intellectual Property, now owned or hereafter acquired by Grantor or in which Grantor now holds or hereafter acquires any interest (all of which shall collectively be called the "Collateral" for purposes of this Agreement):

(a) Any and all copyrights, whether registered or unregistered, held pursuant to the laws of the United States, any State thereof or of any other country; all registrations, applications and recordings in the United States Copyright Office or in any similar office or agency of the United States, and State thereof or any other country; all continuations, renewals, or extensions thereof; and any registrations to be issued under any pending applications, including without limitation those set forth on Exhibit A attached hereto (collectively, the "Copyrights");

(b) All letters patent of, or rights corresponding thereto in, the United States or any other country, all registrations and recordings thereof, and all applications for letters patent of, or rights corresponding thereto in, the United States or any other country, including, without limitation, registrations, recordings and applications in the United States Patent and Trademark Office or in any similar office or agency of the United States, any State thereof or any other country; all reissues, continuations, continuations-in-part or extensions thereof; all petty patents, divisionals, and patents of addition; and all patents to be issued under any such applications, including without limitation the patents and patent applications set forth on Exhibit B attached hereto (collectively, the "Patents");

(c) All trademarks, trade names, corporate names, business names, trade styles, service marks, logos, other source or business identifiers, prints and labels on which any of the foregoing have appeared or appear, designs and general intangibles of like nature, now existing or hereafter adopted or acquired, all registrations

and recordings thereof, and any applications in connection therewith, including, without limitation, registrations, recordings and applications in the United States Patent and Trademark Office or in any similar office or agency of the United States, any State thereof or any other country or any political subdivision thereof, and reissues, extensions or renewals thereof, and the entire goodwill of the business of Grantor connected with and symbolized by such trademarks, including without limitation those set forth on Exhibit C attached hereto (collectively, the "Trademarks");

(d) Any and all claims for damages by way of past, present and future infringement of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(e) All amendments, renewals and extensions of any of the Copyrights, Trademarks or Patents; and

(f) All proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

Notwithstanding the foregoing the term "Collateral" shall not include: (a) "intent-to-use" trademarks at all times prior to the first use thereof, whether by the actual use thereof in commerce, the recording of a statement of use with the United States Patent and Trademark Office or otherwise, but only to the extent the granting of a security interest in such "intent to use" trademarks would be contrary to applicable law or (b) any contract, instrument or chattel paper in which Grantor has any right, title or interest if and to the extent such contract, instrument or chattel paper includes a provision containing a restriction on assignment such that the creation of a security interest in the right, title or interest of Grantor therein would be prohibited and would, in and of itself, cause or result in a default thereunder enabling another person party to such contract, instrument or chattel paper to enforce any remedy with respect thereto; provided, however, that the foregoing exclusion shall not apply if (i) such prohibition has been waived or such other person has otherwise consented to the creation hereunder of a security interest in such contract, instrument or chattel paper, or (ii) such prohibition would be rendered ineffective pursuant to Sections 9-407(a) or 9-408(a) of the UCC, as applicable and as then in effect in any relevant jurisdiction, or any other applicable law (including the Bankruptcy Code) or principles of equity); provided further that immediately upon the ineffectiveness, lapse or termination of any such provision, the term "Collateral" shall include, and Grantor shall be deemed to have granted a security interest in, all its rights, title and interests in and to such contract, instrument or chattel paper as if such provision had never been in effect; and provided further that the foregoing exclusion shall in no way be construed so as to limit, impair or otherwise affect Secured Party's unconditional continuing security interest in and to all rights, title and interests of Grantor in or to any payment obligations or other rights to receive monies due or to become due under any such contract, instrument or chattel paper and in any such monies and other proceeds of such contract, instrument or chattel paper.

2. Covenants and Warranties. Grantor represents, warrants, covenants and agrees as follows:

(a) Grantor is now the sole owner of the Collateral, except for Permitted Liens;

(b) During the term of this Agreement, Grantor will not transfer or otherwise encumber any interest in the Collateral, except for Permitted Liens;

(c) To its knowledge, each of the Patents is valid and enforceable, and no part of the Collateral has been judged invalid or unenforceable, in whole or in part, and no claim has been made that any part of the Collateral violates the rights of any third party;

(d) Grantor shall deliver to Secured Party on an annual basis, a report signed by Grantor, in form reasonably acceptable to Secured Party, listing any applications or registrations that

Grantor has made or filed in respect of any patents, copyrights or trademarks and the status of any outstanding applications or registrations. Grantor shall promptly advise Secured Party of any material change in the composition of the Collateral, including but not limited to any subsequent ownership right of the Grantor in or to any Trademark, Patent or Copyright not specified in this Agreement;

(e) Grantor shall use reasonable commercial efforts to (i) protect, defend and maintain the validity and enforceability of the Trademarks, Patents and Copyrights (ii) detect infringements of the Trademarks, Patents and Copyrights and promptly advise Secured Party in writing of material infringements detected and (iii) not allow any material Trademarks, Patents or Copyrights to be abandoned, forfeited or dedicated to the public without the written consent of Secured Party, which consent shall not be unreasonably withheld, provided that no consent shall be required when Grantor determines in its sole but reasonable commercial judgment that such abandonment, forfeiture or dedication will not be materially detrimental to its on-going business interests or intellectual property portfolio;

(f) Grantor shall apply for registration on an expedited basis (to the extent not already registered) with the United States Patent and Trademark Office or the United States Copyright Office, as applicable: (i) those intellectual property rights listed on Exhibits A, B and C hereto within thirty (30) days of the date of this Agreement; and (ii) those additional intellectual property rights developed or acquired by Grantor from time to time in connection with any product or service, prior to the sale or licensing of such product or the rendering of such service to any third party (including without limitation revisions or additions to the intellectual property rights listed on such Exhibits A, B and C), except with respect to such rights that Grantor determines in its sole but reasonable commercial judgment need not be registered to protect its own business interests. Grantor shall, from time to time, execute and file such other instruments, and take such further actions as Secured Party may reasonably request from time to time to perfect or continue the perfection of Secured Party's interest in the Collateral; and

(g) Grantor shall not enter into any agreement that would materially impair or conflict with Grantor's obligations hereunder without Secured Party's prior written consent, which consent shall not be unreasonably withheld. Grantor shall not permit the inclusion in any material contract to which it becomes a party of any provisions that could or might in any way prevent the creation of a security interest in Grantor's rights and interests in any property included within the definition of the Collateral acquired under such contracts.

3. Further Assurances; Attorney in Fact.

(a) On a continuing basis at Secured Party's request, Grantor will make, execute, acknowledge and deliver, and file and record in the proper filing and recording places in the United States, all such instruments, including appropriate financing and continuation statements and collateral agreements and filings with the United States Patent and Trademark Office and the Register of Copyrights, and take all such action as may reasonably be deemed necessary or advisable, or as reasonably requested by Secured Party, to perfect Secured Party's security interest in all Copyrights, Patents and Trademarks and otherwise to carry out the intent and purposes of this Agreement, or for assuring and confirming to Secured Party the grant or perfection of a security interest in all Collateral.

(b) Grantor hereby irrevocably appoints Secured Party as Grantor's attorney-in-fact, with full authority in the place and stead of Grantor and in the name of Grantor, from time to time in Secured Party's discretion, to take any action and to execute any instrument which Secured Party may deem necessary or advisable to accomplish the purposes of this Agreement, including (i) to modify, in its sole discretion, this Agreement without first obtaining Grantor's approval of or signature to such modification by amending Exhibits A, B and C, hereof, as appropriate, to include reference to any right, title or interest in any Copyrights, Patents or Trademarks acquired by Grantor after the execution hereof or to delete any reference to any right, title or interest in any Copyrights, Patents or Trademarks in which Grantor no longer has or claims any right, title or interest, (ii) to file, in its sole discretion, one or more financing or continuation statements and amendments thereto, relative to any of the Collateral without

the signature of Grantor where permitted by law, and (iii) after the occurrence of an Event of Default, to transfer the Collateral into the name of Secured Party or a third party to the extent permitted under the California Uniform Commercial Code.

4. Events of Default. The occurrence of any of the following shall constitute an Event of Default under this Agreement:

(a) An Event of Default under the Loan Agreement; or

(b) Grantor breaches any warranty or agreement made by Grantor in this Agreement and, as to any breach that is capable of cure, Grantor fails to cure such breach within thirty (30) days of the sooner to occur of Grantor's receipt of notice of such breach from Secured Party or the date on which such breach first becomes known to Grantor.

5. Amendments. This Agreement may be amended only by a written instrument signed by both parties hereto, except for amendments permitted under Section 3 hereof to be made by Secured Party alone.

6. Counterparts. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original but all of which together shall constitute the same instrument.

7. Several Nature of Secured Party's Obligations and Rights; Pari Passu Security Interests. This Agreement is and shall be interpreted for all purposes as separate and distinct agreements between Grantor and VLL4, on the one hand, and Grantor and VLL5, on the other hand, and nothing in this Agreement shall be deemed a joint venture, partnership or other association between VLL4 and VLL5. Each reference in this Agreement to "Secured Party" shall mean and refer to each of VLL4 and VLL5, singly and independent of one another. Without limiting the generality of the foregoing, the covenants and other obligations of "Secured Party" under this Agreement are several and not joint obligations of VLL4 and VLL5, and all rights and remedies of "Secured Party" under this Agreement may be exercised by VLL4 and/or VLL5 independently of one another. The security interests granted by Grantor to each of VLL4 and VLL5 hereunder and under the Loan Agreement shall be deemed to have been granted and perfected at the same time and shall be of equal priority.

[Signature Pages Follow]

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day and year first above written.

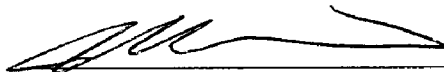
GRANTOR:

Address of Grantor:

HANDYLAB, INC.

5230 S. State Road
Suite 100
Ann Arbor, MI 48108
Attn: Jeffrey Williams

By:



Name:

Jeffrey S. Williams

Its:

President

SECURED PARTY:

Address of Secured Party:

VENTURE LENDING & LEASING IV, INC.

2010 North First Street, Suite 310
San Jose, CA 95131
Attn: Chief Financial Officer

By:

Name:

Its:

Address of Secured Party:

VENTURE LENDING & LEASING V, INC.

2010 North First Street, Suite 310
San Jose, CA 95131
Attn: Chief Financial Officer

By:

Name:

Its:

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day and year first above written.

GRANTOR:

Address of Grantor:

HANDYLAB, INC.

5230 S. State Road
Suite 100
Ann Arbor, MI 48108
Attn:

By: _____

Name: _____

Its: _____

SECURED PARTY:

Address of Secured Party:

VENTURE LENDING & LEASING IV, INC.

2010 North First Street, Suite 310
San Jose, CA 95131
Attn: Chief Financial Officer

By:

Name: Maurice C. Werdegar

Its: Vice President

Address of Secured Party:

VENTURE LENDING & LEASING V, INC.

2010 North First Street, Suite 310
San Jose, CA 95131
Attn: Chief Financial Officer

By:

Name: Maurice C. Werdegar

Its: Vice President

EXHIBIT A

Copyrights

Description

Registration Number

Registration Date

None.

EXHIBIT B**Patents****A. HandyLab filed and issued patent applications**

Patent Report by Invention

COUNTRY	REFERENCE#	TYPE	FILED	SERIAL#	ISSUED	PATENT#	STATUS
CONTROLLER CARTRIDGE FOR A DIAGNOSTIC INSTRUMENT							
Inventors: KALYAN HANDIQUE, DANIEL DRUMMOND, GENE PARUNAK, JEFF WILLIAMS							
UNITED STATES	19662-059001(Design)	NEW	3/27/2006	29/257,029			PENDING
EUROPEAN PATENT	19662-059EU1		9/27/2006	598529			PENDING
JAPAN	19662-059JP1		9/27/2006				PENDING
HEAT-REDUCTION METHODS AND SYSTEMS RELATED TO MICROFLUIDIC DEVICES							
Inventors: KALYAN HANDIQUE							
UNITED STATES	19662-039001	NEW	2/14/2001	09/783,225	2/17/2004	6,692,700	ISSUED
WIPO	19662-039WO1	CEQ	2/11/2002	PCT/US02/02095			ABANDONED
UNITED STATES	19662-039002	CON	2/17/2004	10/778,598			PUBLISHED
LYOPHILIZED PELLETS							
Inventors: NIKHIL PHADKE; MICHELLE B. MANENTE; KALYAN HANDIQUE							
UNITED STATES	19662-054P01	NEW	11/16/2005	60/737,519			PENDING
UNITED STATES	19662-054001		5/3/2006	11/417,688			PENDING
WIPO	19662-054WO1		5/3/2006	PCT/US2006/06814			PENDING
METHOD AND APPARATUS FOR SAMPLE TRACKING							
Inventors: BETTY WU; PETER BANKS; PURNIMA KURNOOL							
WIPO	19662-041WO1	CEQ	2/10/2004	PCT/US2004/003722			ABANDONED
METHODS AND APPARATUS FOR SAMPLE TRACKING							
Inventors: PURNIMA KURNOOL; BETTY WU; PETER BANKS							
UNITED STATES	19662-041001	NEW	2/10/2003	10/360,854			PENDING
METHODS AND SYSTEMS FOR RELEASING INTRACELLULAR MATERIAL FROM CELLS WITHIN MICROFLUIDIC SAMPLES OF FLUIDS							
Inventors: BETTY WU; KARTHIK GANESAN; KALYAN HANDIQUE; GENE PARUNAK							
UNITED STATES	19662-021001	NEW	3/28/2001	09/819,105	3/7/2006	7,010,391	ISSUED
UNITED STATES	19662-026001	CIP	12/14/2001	10/014,520			PUBLISHED
UNITED STATES	19662-029001	CIP	12/14/2001	10/014,519			ALLOWED
UNITED STATES	19662-030001	CIP	2/15/2002	10/075,371			PUBLISHED
EUROPEAN PATENT	19662-021EP1	DCA	3/27/2002	02723635.5			PUBLISHED
JAPAN	19662-021JP1	DCA	3/27/2002	2002-577099			PUBLISHED
WIPO	19662-021WO1	CEQ	3/27/2002	PCT/US02/09439			NAT PHASE
UNITED STATES	19662-028001	CIP	9/18/2002	10/246,814			PENDING
UNITED STATES	19662-021002	CON	10/13/2005	11/251,188			PUBLISHED
METHODS AND SYSTEMS FOR THERMAL RELEASE OF INTRACELLULAR MATERIAL							
Inventors: BETTY WU; KARTHIK GANESAN; KALYAN HANDIQUE; GENE PARUNAK							
UNITED STATES	19662-035P01	NEW	7/31/2003	60/491,269			EXPIRED

EUROPEAN PATENT	19662-035EP1	DCA	8/2/2004	04780082.6	PENDING
JAPAN	19662-035JP1	DCA	8/2/2004	N/A	PENDING
WIPO	19662-035WO1	CEQ	8/2/2004	PCT/US2004/025181	NAT PHASE
UNITED STATES	19662-035US1	FCA	1/31/2006	10/567,002	PENDING

MICROFLUIDIC CARTRIDGE

Inventors: GENE PARUNAK, KALYAN HANDIQUE, AARON KEHRER, SUNDARESH BRAHMASANDRA, JEFF WILLIAMS

UNITED STATES	19662-058001 (Design)	NEW	3/27/2006	29/257,030	PENDING
EUROPEAN PATENT	19662-058EU1		9/27/2006	598529	PENDING
JAPAN	19662-JP1		9/27/2006		PENDING

MICROFLUIDIC DEVICE HAVING A COMBINED HEATER SENSOR

Inventors: KARTHIK GANESAN

UNITED STATES	19662-034P01	NEW	7/31/2003	60/491,264	EXPIRED
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MICROFLUIDIC DEVICE HAVING A COMBINED HEATER SENSOR

Inventors: KARTHIK GANESAN

UNITED STATES	19662-036P01	NEW	8/1/2003	60/491,539	EXPIRED
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MICROFLUIDIC DEVICES HAVING A REDUCED NUMBER OF INPUT AND OUTPUT CONNECTIONS

Inventors: KARTHIK GANESAN

UNITED STATES	19662-023001	NEW	9/12/2001	09/949,763	2/8/2005	6,852,287	ISSUED
EUROPEAN PATENT	19662-023EP1	DCA	9/12/2002	02761632.5			PUBLISHED
JAPAN	19662-023JP1	DCA	9/12/2002	2003-526562			PUBLISHED
WIPO	19662-023WO1	CEQ	9/12/2002	PCT/US02/29012			NAT PHASE
UNITED STATES	19662-023US1	DCA	3/7/2005	10/489,404			PUBLISHED

MICROFLUIDIC DEVICES WITH LIQUID STORAGE

Inventors: AARON KEHRER; GENE PARUNAK; Ted Springer; KALYAN HANDIQUE; Cecelia Haley

UNITED STATES	19662-051P01	NEW	1/21/2005	60/645,784			PENDING
UNITED STATES	19662-051001	FCA	1/23/2006	11/338,422			PENDING
WIPO	19662-051WO1	CEQ	1/23/2006	PCT/US2006/002529			PENDING

MICROFLUIDIC SYSTEM FOR AMPLIFYING AND TESTING POLYNUCLEOTIDES IN PARALLEL

Inventors: HANDIQUE, et. al.

UNITED STATES	19662-063PO1	NEW	11/13/2006				PENDING
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MOLECULAR DIAGNOSTIC INSTRUMENT

Inventors: PATRICK DUFFY, GENE PARUNAK, DANIEL DRUMMOND, KALYAN HANDIQUE, JEFF WILLIAMS, SUNDARESH BRAHMASANDRA, MARK TRAVAGLINI

UNITED STATES	19662-056001 (Design)	NEW	3/27/2006	29/257,028			PENDING
EUROPEAN PATENT	19662-056EU1		9/27/2006	598529			PENDING
JAPAN	19662-056JP1		9/27/2006				PENDING

POLYNUCELOTIDE PRIMEERS AND PROBES FOR RAPID DETECTION OF GROUP B STREPTOCOCCUS

10/102,513

CIP filed on February 23, 2006 (Kaluber and Jackson Ref # 2646-1-001CIP) 11/360855

POLYNUCLEOTIDE SAMPLE PREPARATION DEVICE

Inventors: KALYAN HANDIQUE; Jeff Williams; SUNDARESH N. BRAHMASANDRA; NIKHIL PHADKE; BETTY WU

UNITED STATES 19662-053P01 NEW 10/11/2005 60/726,066 PENDING

PROCESSING PARTICLE-CONTAINING SAMPLES

Inventors: GENE PARUNAK; KALYAN HANDIQUE

UNITED STATES 19662-046P01 NEW 3/17/2004 60/553,553 EXPIRED

PROCESSING POLYNUCLEOTIDE-CONTAINING SAMPLES

Inventors: NIKHIL PHADKE; BETTY WU; JOHN ALTHAUS; KALYAN HANDIQUE; SUNDARESH N. BRAHMASANDRA

UNITED STATES 19662-042P01 NEW 5/3/2004 60/567,174 EXPIRED
WIPO 19662-042WO1 CEQ 5/3/2005 PCT/US2005/015345 PUBLISHED
UNITED STATES 19662-042001 CIP 11/16/2005 11/281,247 PENDING
UNITED STATES 19662-042US1 11/3/2006 PENDING

SAMPLE PREPARATION DEVICE

Inventors: CECELIA HALEY

UNITED STATES 19662-043P01 NEW 3/11/2004 60/551,787 EXPIRED
UNITED STATES 19662-043001 FCA 3/11/2005 11/078,183 PUBLISHED

SYSTEM AND METHOD FOR FILTRATION AND CONCENTRATION

Inventors: GENE PARUNAK

UNITED STATES 19662-025P01 NEW 7/26/2001 60/307,638 EXPIRED
UNITED STATES 19662-025001 FCA 9/18/2001 09/953,921 6/10/2003 6,575,188 ISSUED
EUROPEAN PATENT 19662-025EP1 DCA 3/27/2002 02723636.3 PUBLISHED
EUROPEAN PATENT 19662-037EP1 DCA 3/27/2002 02715213.1 PUBLISHED
JAPAN 19662-025JP1 DCA 3/27/2002 2003-517479 PENDING
JAPAN 19662-037JP1 DCA 3/27/2002 2003-517550 PUBLISHED
WIPO 19662-025WO1 CEQ 3/27/2002 PCT/US2002/009441 NAT PHASE
WIPO 19662-037WO1 CEQ 3/27/2002 PCT/US02/09440 NAT PHASE

SYSTEM AND METHOD OF ELECTROCHEMICAL DETECTION OF POLYNUCLEOTIDES

Inventors: JOHN S. ALTHAUS; VIJAY NAMASIVAYAM; SUNDARESH N. BRAHMASANDRA; KALYAN HANDIQUE

UNITED STATES 19662-033P01 NEW 4/16/2003 60/463,047 EXPIRED
WIPO 19662-033WO1 CEQ 4/16/2004 PCT/US2004/011900 NAT PHASE
UNITED STATES 19662-033US1 DCA 10/17/2005 10/553,584 PENDING

SYSTEM FOR MICROFLUIDIC SAMPLE PROCESSING

Inventors: KALYAN HANDIQUE, SUNDARESH BRAHMASANDRA, KARTHIK GANESAN, BETTY WU, NIKHIL PHADKE, GENE PARUNAK, JEFF WILLIAMS

UNITED STATES 19662-055P01 NEW 3/24/2006 60/786,007 PENDING

SYSTEMS AND METHODS FOR THERMAL ACTUATION OF MICROFLUIDIC DEVICES

Inventors: Karthik Ganesan; KALYAN HANDIQUE

UNITED STATES 19662-050001 CIP 8/2/2004 10/910,255 PUBLISHED

VALVE FOR MICROFLUIDIC DEVICE

Inventors: AARON KEHRER; KALYAN HANDIQUE; GENE PARUNAK

UNITED STATES 19662-044P01 NEW 3/11/2004 60/551,785 EXPIRED

EXHIBIT C

Trademarks

U.S Trademark

Word Mark: **HANDYLAB**

Reg. No: 2847725

Issue Date: June 1, 2004