PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4325504

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
3M INNOVATIVE PROPERTIES COMPANY	03/24/2016

RECEIVING PARTY DATA

Name:	FOCUS DIAGNOSTICS, INC.
Street Address:	11331 VALLEY VIEW STREET
City:	CYPRESS
State/Country:	CALIFORNIA
Postal Code:	90630-4717

PROPERTY NUMBERS Total: 44

Property Type	Number
Patent Number:	6734401
Patent Number:	6987253
Patent Number:	7164107
Patent Number:	7435933
Patent Number:	8003926
Patent Number:	8481901
Patent Number:	6617136
Patent Number:	6532997
Patent Number:	6662830
Patent Number:	6889468
Patent Number:	7569186
Patent Number:	8003051
Patent Number:	7871827
Patent Number:	D502775
Patent Number:	7332129
Patent Number:	7238269
Patent Number:	7322254
Patent Number:	8057758
Patent Number:	7837947
Patent Number:	8057757

Property Type	Number
Patent Number:	7939249
Patent Number:	7754474
Patent Number:	8080409
Patent Number:	7323660
Patent Number:	7767937
Patent Number:	7709249
Patent Number:	7507575
Patent Number:	7763210
Patent Number:	8092759
Patent Number:	7527763
Patent Number:	7867767
Patent Number:	D564667
Patent Number:	8128893
Patent Number:	8835157
Patent Number:	9121055
Patent Number:	8834792
Patent Number:	D638550
Patent Number:	D638951
Patent Number:	9067205
Patent Number:	8931331
Patent Number:	9168523
Patent Number:	D667561
Patent Number:	D672467
Patent Number:	D677395

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	T0022325-016
NAME OF SUBMITTER:	ROBERT ALDERSON
SIGNATURE:	/Robert Alderson/
DATE SIGNED:	03/20/2017

Total Attachments: 10

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PATENT ASSIGNMENT AGREEMENT

This PATENT ASSIGNMENT AGREEMENT (this "Agreement"), dated as of March 24, 2016, is entered into by and between 3M Company, a Delaware corporation and 3M Innovative Properties Company, a Delaware corporation (together, "Seller"), and Focus Diagnostics, Inc., a Delaware corporation ("Buyer" and, together with Seller, the "Parties").

RECITALS

WHEREAS, Buyer and Seller are parties to that certain Asset Purchase Agreement, dated as of March 24, 2016 (the "APA"), pursuant to which 3M Company and Seller have agreed to sell and transfer, to Buyer, and Buyer has agreed to purchase and assume from 3M Company and Seller, the Transferred Assets and the Assumed Liabilities;

WHEREAS, this Agreement is an Ancillary Agreement pursuant to the APA;

WHEREAS, this Agreement is being entered into by the Parties as a condition and mutual inducement to the Closing; and

WHEREAS, Buyer desires to acquire, and Seller desires to sell, transfer, convey and assign to Buyer all of Seller's right, title and interest in, to and under the Transferred Patents (defined as those identified in Appendix A hereto, together with reissuances, continuations, continuations-in-part, revisions, extensions and reexaminations thereof, and the inventions protected thereby throughout the world).

NOW, THEREFORE, in consideration of the mutual agreements, covenants and other premises set forth herein and in the APA and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and accepted, the Parties agree as follows:

1. Assignment. Seller does hereby sell, assign and transfer unto Buyer all of Seller's right, title and interest in, to and under the Transferred Patents, including, without limiting the generality of the foregoing, the right to sue and collect and retain damages and costs and attorneys' fees for past, present and future infringement of the Transferred Patents, and to fully and entirely stand in the place of the Seller in all matters related to the Transferred Patents.

2. Warranties. EXCEPT AS EXPRESSLY SET FORTH IN THE APA, THERE ARE NO EXPRESS OR IMPLIED WARRANTIES OF NONINFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS, OR REGARDING THE SCOPE, VALIDITY, OWNERSHIP OR ENFORCEABILITY OF ANY TRANSFERRED INTELLECTUAL PROPERTY.

3. General Provisions. Capitalized terms used but not otherwise defined herein shall have the meanings ascribed thereto in the APA. This Agreement, Appendix A hereto and the APA constitute the sole and entire agreement of the Parties with respect to the subject matter contained herein and therein, and supersede all other prior representations, warranties, understandings and

agreements, both written and oral, with respect to such subject matter. Notwithstanding any other provision of this Agreement to the contrary, in the event and to the extent that there shall be a conflict between the provisions of this Agreement and the provisions of the APA, the provisions of the APA shall control (unless this Agreement expressly provides otherwise). This Agreement shall not be amended, modified or supplemented except by an instrument in writing specifically designated as an amendment hereto and executed by each of the Parties. Neither any course of conduct or failure or delay of any Party in exercising or enforcing any right, remedy or power hereunder shall operate or be construed as a waiver thereof, nor shall any single or partial exercise of any right, remedy or power hereunder, or any abandonment or discontinuance of steps to enforce such right, remedy or power, or any course of conduct, preclude any other or further exercise thereof or the exercise of any other right, remedy or power. This Agreement shall be binding upon and inure solely to the benefit of each Party and its successors and permitted assigns.

4. Governing Law; Jurisdiction and Venue. This Agreement and all matters arising out of or relating to this Agreement or any of the transactions contemplated hereby, including all rights of the Parties (whether sounding in contract, tort, common or statutory law, equity or otherwise), shall be interpreted, construed and governed by and in accordance with the internal Laws of the State of Delaware without giving effect to any choice or conflict of law provision or rule (whether of the State of Delaware or any other jurisdiction) that would cause the application of the Law of any jurisdiction other than those of the State of Delaware. Each of the Parties consents to submit itself to the exclusive jurisdiction of the courts of the State of Delaware and the federal courts of the United States of America located in Wilmington, Delaware in any Legal Proceeding arising out of or relating to this Agreement or any of the transactions contemplated by this Agreement.

[SIGNATURE PAGE FOLLOWS]

Executed this 24 day of March, 2016

3M COMPANY

By: _____

Name: Mojdeh Poul

Title: Vice President and General Manager

3M INNOVATIVE PROPERTIES COMPANY

By: _____

Name: Ted Ringsred

Title: Secretary

FOCUS DIAGNOSTICS, INC.

By: _____

Name:

Title:

[SIGNATURE PAGE TO PATENT ASSIGNMENT AGREEMENT]

Executed this 24 day of March, 2016

3M COMPANY

By:_____
Name:
Title:

3M INNOVATIVE PROPERTIES COMPANY

By:_____
Name:
Title:

FOCUS DIAGNOSTICS, INC.

By: James E. Davis
Name: James E. Davis
Title: SVP & Group Executive-Regional Businesses

[SIGNATURE PAGE TO PATENT ASSIGNMENT AGREEMENT]

APPENDIX A

Case Reference	Subject to Gov't Rights	Title	Country	Current Status	Filing Number	Filing Date/No.	Publication Number	Pub. Date/No.	Grant Number	Grant Date/No.	Inventors (List)
55266AU011		Sample Processing Devices, Systems and Methods	AU	Grant	2001270248	28 giu 2001			2001270248	25 gen 2007	Bedingham, William (01268033);Rajagopal, Raj (01333027);Robole, Barry W (01298318);Seshadri, Kannan (01344351)
55266CA006		Sample Processing Devices, Systems and Methods	CA	Grant	2412275	28 giu 2001			2412275	08 dic 2009	Bedingham, William (01268033);Rajagopal, Raj (01333027);Robole, Barry W (01298318);Seshadri, Kannan (01344351)
55266DE005		Sample Processing Devices, Systems and Methods	DE	Grant	01948818.8	28 giu 2001	1296764	02 apr 2003	60146911.9	01 ago 2012	Bedingham, William (01268033)
55266EP005		Sample Processing Devices, Systems and Methods	EP	Grant	01948818.8	28 giu 2001	1296764	02 apr 2003	1296764	01 ago 2012	Bedingham, William (01268033);Rajagopal, Raj (01333027);Robole, Barry W (01298318);Seshadri, Kannan (01344351)
55266EP019		Enhanced Sample Processing Devices, Systems and Methods	EP	Grant	10185066.7	30 set 2010	2388074	23 nov 2011	2388074	11 dic 2013	Bedingham, William (01268033);Rajagopal, Raj (01333027);Robole, Barry W (01298318);Seshadri, Kannan (01344351)
55266EP021		Sample Processing Devices, Systems and Methods	EP	Grant	10185063.4	30 set 2010	2295141	16 mar 2011	2295141	29 ott 2014	Bedingham, William (01268033);Rajagopal, Raj (01333027);Robole, Barry W (01298318)
55266ES019		Enhanced Sample Processing Devices, Systems and Methods	ES	Grant	10185066.7	30 set 2010	2388074	23 nov 2011	2388074	11 dic 2013	Bedingham, William (01268033);Rajagopal, Raj (01333027);Robole, Barry W (01298318);Seshadri, Kannan (01344351)
55266FR005		Sample Processing Devices, Systems and Methods	FR	Grant	01948818.8	28 giu 2001	1296764	02 apr 2003	1296764	01 ago 2012	Bedingham, William (01268033)
55266GB005		Sample Processing Devices, Systems and Methods	GB	Grant	01948818.8	28 giu 2001	1296764	02 apr 2003	1296764	01 ago 2012	Bedingham, William (01268033)
55266JP008		Sample Processing Devices, Systems and Methods	JP	Grant	2002-505120	28 giu 2001	2004-525339	19 ago 2004	4773035	01 lug 2011	Bedingham, William (01268033);Rajagopal, Raj (01333027);Robole, Barry W (01298318);Seshadri, Kannan (01344351)
55266SG009		Sample Processing Devices, Systems and Methods	SG	Grant	200207480-5	28 giu 2001			93601	31 ott 2005	Bedingham, William (01268033);Rajagopal, Raj (01333027);Robole, Barry W (01298318);Seshadri, Kannan (01344351)
55266US002		Enhanced Sample Processing Devices, Systems and Methods	US	Grant	09/894810	28 giu 2001	2002-0047003	25 apr 2002	6734401	11 mag 2004	Bedingham, William (01268033);Rajagopal, Raj (01333027);Robole, Barry W (01298318);Seshadri, Kannan (01344351)
55266US014		Enhanced Sample Processing Devices, Systems and Methods	US	Grant	10/840766	06 mag 2004	2005-0242091	03 nov 2005	6987253	17 gen 2006	Bedingham, William (01268033);Rajagopal, Raj (01333027);Robole, Barry W (01298318);Seshadri, Kannan (01344351)
55266US015		Enhanced Sample Processing Devices, Systems and Methods	US	Grant	11/287074	23 nov 2005	2006-0076346	13 apr 2006	7164107	16 gen 2007	Bedingham, William (01268033);Robole, Barry W (01298318)
55266US016		Enhanced Sample Processing Devices, Systems and Methods	US	Grant	11/622643	12 gen 2007	2007-0114229	24 mag 2007	7435933	14 ott 2008	Bedingham, William (01268033);Robole, Barry W (01298318);Rajagopal, Raj (01333027)
55266US017		Enhanced Sample Processing Devices, Systems and Methods	US	Grant	12/205170	05 set 2008	2008-0314895	25 dic 2008	8003926	23 ago 2011	Bedingham, William (01268033);Rajagopal, Raj (01333027);Robole, Barry W (01298318)
55266US022		Enhanced Sample Processing Devices, Systems and Methods	US	Grant	13/214808	22 ago 2011	2011-0303657	15 dic 2011	8481901	09 lug 2013	Bedingham, William (01268033);Rajagopal, Raj (01333027);Robole, Barry W (01298318)
55266WO004		Sample Processing Devices, Systems and Methods	WO	National	US01/20707	28 giu 2001	02/00347	03 gen 2002			Bedingham, William (01268033);Rajagopal, Raj (01333027);Robole, Barry W (01298318);Seshadri, Kannan (01344351)
56498US002		BIOLOGICAL SAMPLE PROCESSING METHODS AND COMPOSITIONS THAT INCLUDE SURFACTANTS	US	Grant	09/841272	24 apr 2001	2003-0017551	23 gen 2003	6617136	09 set 2003	Parthasarathy, Ranjani V (01342933);Rajagopal, Raj (01333027);Bedingham, William (01268033);Dirksen, Michael D (01342908);Larson, Chris Joseph (01026777);Menon, Vinod P (01346219)
56544DE006		Sample Processing Device with Integral Electrophoresis Channels	DE	Grant	02794036.0	26 nov 2002	1459057	22 set 2004	60243930.2	24 ott 2012	Bedingham, William (01268033);Rajagopal, Raj (01333027);Seshadri, Kannan (01344351)
56544EP006		Sample Processing Device with Integral Electrophoresis Channels	EP	Grant	02794036.0	26 nov 2002	1459057	22 set 2004	1459057	24 ott 2012	Bedingham, William (01268033);Rajagopal, Raj (01333027);Seshadri, Kannan (01344351)
56544FR006		Sample Processing Device with Integral Electrophoresis Channels	FR	Grant	02794036.0	26 nov 2002	1459057	22 set 2004	1459057	24 ott 2012	Bedingham, William (01268033);Rajagopal, Raj (01333027);Seshadri, Kannan (01344351)
56544GB006		Sample Processing Device with Integral Electrophoresis Channels	GB	Grant	02794036.0	26 nov 2002	1459057	22 set 2004	1459057	24 ott 2012	Bedingham, William (01268033);Rajagopal, Raj (01333027);Seshadri, Kannan (01344351)
56544US002		Sample Processing Device with Integral Electrophoresis Channels	US	Grant	10/034334	28 dic 2001			6532997	18 mar 2003	Bedingham, William (01268033);Rajagopal, Raj (01333027);Seshadri, Kannan (01344351)
56544US004		Sample Processing Device with Integral Electrophoresis Channels	US	Grant	10/347667	21 gen 2003	2003-0127152	10 lug 2003	6662830	16 dic 2003	Bedingham, William (01268033);Rajagopal, Raj (01333027);Seshadri, Kannan (01344351)
56544WO003		Sample Processing Device with Integral Electrophoresis Channels	WO	National	US02/37970	26 nov 2002	03/058224	17 lug 2003			Bedingham, William (01268033);Rajagopal, Raj (01333027);Seshadri, Kannan (01344351)
56918DE005		Modular Systems and Methods for Using Sample Processing Devices	DE	Grant	02790022.4	04 dic 2002	1459076	22 set 2004	60246426.9	09 lug 2014	Bedingham, William (01268033);Aysta, James (01097613);Robole, Barry W (01298318)
56918EP005		Modular Systems and Methods for Using Sample Processing Devices	EP	Grant	02790022.4	04 dic 2002	1459076	22 set 2004	1459076	09 lug 2014	Bedingham, William (01268033);Aysta, James (01097613);Robole, Barry W (01298318)
56918FR005		Modular Systems and Methods for Using Sample Processing Devices	FR	Grant	02790022.4	04 dic 2002	1459076	22 set 2004	1459076	09 lug 2014	Bedingham, William (01268033);Aysta, James (01097613);Robole, Barry W (01298318)
56918GB005		Modular Systems and Methods for Using Sample Processing Devices	GB	Grant	02790022.4	04 dic 2002	1459076	22 set 2004	1459076	09 lug 2014	Bedingham, William (01268033);Aysta, James (01097613);Robole, Barry W (01298318)
56918JP006		Modular Systems and Methods for Using Sample Processing Devices	JP	Grant	2003-558510	04 dic 2002	2005-514043	19 mag 2005	4394450	23 ott 2009	Bedingham, William (01268033);Aysta, James (01097613);Robole, Barry W (01298318)
56918US002		Modular Systems and Methods for Using Sample Processing Devices	US	Grant	10/034993	28 dic 2001	2003-0124506	03 lug 2003	6889468	10 mag 2005	Bedingham, William (01268033);Aysta, James (01097613);Robole, Barry W (01298318)
56918US007		Systems for Using Sample Processing Devices	US	Grant	11/082374	16 mar 2005	2005-0180890	18 ago 2005	7569186	04 ago 2009	Bedingham, William (01268033);Aysta, James (01097613);Robole, Barry W (01298318)
56918US008		Thermal Structure for Sample Processing System	US	Grant	12/491959	25 giu 2009	2009-0263280	22 ott 2009	8003051	23 ago 2011	Bedingham, William (01268033);Aysta, James (01097613);Robole, Barry W (01298318)
56918WO003		Modular Systems and Methods for Using Sample Processing Devices	WO	National	US02/38816	04 dic 2002	03/058253	17 lug 2003			Bedingham, William (01268033);Aysta, James (01097613);Robole, Barry W (01298318)
57314DE009		Methods and Devices for Removal of Organic Molecules from Biological Mixtures Using Anion Exchange	DE	Grant	09163155.6	27 nov 2002	2116305	11 nov 2009	60244916.2	01 mag 2013	Parthasarathy, Ranjani V (01342933);Rajagopal, Raj (01333027);Olson, Erin E (01347350);Beissel, Frank J. IV (N3M1120125);Bedingham, William (01268033);Robole, Barry W (01298318)
57314EP009		Methods and Devices for Removal of Organic Molecules from Biological Mixtures Using Anion Exchange	EP	Grant	09163155.6	27 nov 2002	2116305	11 nov 2009	2116305	01 mag 2013	Parthasarathy, Ranjani V (01342933);Rajagopal, Raj (01333027);Olson, Erin E (01347350);Beissel, Frank J. IV (N3M1120125);Bedingham, William (01268033);Robole, Barry W (01298318)

57314FR009		Methods and Devices for Removal of Organic Molecules from Biological Mixtures Using Anion Exchange	FR	Grant	09163155.6	27 nov 2002	2116305	11 nov 2009	2116305	01 mag 2013	Parthasarathy, Ranjani V (01342933);Rajagopal, Raj (01333027);Olson, Erin E (01347350);Beissel, Frank J. IV (N3M1120125);Bedingham, William (01268033);Robole, Barry W (01298318)
57314GB009		Methods and Devices for Removal of Organic Molecules from Biological Mixtures Using Anion Exchange	GB	Grant	09163155.6	27 nov 2002	2116305	11 nov 2009	2116305	01 mag 2013	Parthasarathy, Ranjani V (01342933);Rajagopal, Raj (01333027);Olson, Erin E (01347350);Beissel, Frank J. IV (N3M1120125);Bedingham, William (01268033);Robole, Barry W (01298318)
57314US007		Methods and Devices for Removal of Organic Molecules from Biological Mixtures Using Anion Exchange	US	Grant	11/226161	14 set 2005	2006-0013732	19 gen 2006	7871827	18 gen 2011	Parthasarathy, Ranjani V (01342933);Rajagopal, Raj (01333027);Olson, Erin E (01347350);Beissel, Frank J. IV (N3M1120125);Bedingham, William (01268033);Robole, Barry W (01298318)
57314WO003		Methods and Devices for Removal of Organic Molecules from Biological Mixtures Using Anion Exchange	WO	National	US02/37973	27 nov 2002	03/054509	03 lug 2003			Parthasarathy, Ranjani V (01342933);Rajagopal, Raj (01333027);Olson, Erin E (01347350);Beissel, Frank J. IV (N3M1120125);Bedingham, William (01268033);Robble, Barry (CONV-08745)
58289US002		Extended Port Sample Processing Device	US	Grant	29/172949	19 dic 2002			D502775	08 mar 2005	Kokaisel, Chris R (01330357);Wood, Kenneth Brian (01290263)
58292DE006		Sample Processing Device Having Process Chambers With Bypass Slots	DE	Grant	03768983.3	19 nov 2003	1585593	19 ott 2005	60342110.5	12 set 2012	Robole, Barry W (01298318);Bedingham, William (01268033)
58292EP006		Sample Processing Device Having Process Chambers With Bypass Slots	EP	Grant	03768983.3	19 nov 2003	1585593	19 ott 2005	1585593	12 set 2012	Robole, Barry W (01298318);Bedingham, William (01268033)
58292FR006		Sample Processing Device Having Process Chambers With Bypass Slots	FR	Grant	03768983.3	19 nov 2003	1585593	19 ott 2005	1585593	12 set 2012	Robole, Barry W (01298318);Bedingham, William (01268033)
58292GB006		Sample Processing Device Having Process Chambers With Bypass Slots	GB	Grant	03768983.3	19 nov 2003	1585593	19 ott 2005	1585593	12 set 2012	Robole, Barry W (01298318);Bedingham, William (01268033)
58292JP007		Sample Processing Device Having Process Chambers With Bypass Slots	JP	Grant	2004-566492	19 nov 2003	2006-513421	20 apr 2006	4351171	31 lug 2009	Robole, Barry W (01298318);Bedingham, William (01268033)
58292US002		Sample Processing Device Having Process Chambers With Bypass Slots	US	Grant	10/339447	09 gen 2003	2004-0137634	15 lug 2004	7332129	19 feb 2008	Robole, Barry W (01298318);Bedingham, William (01268033)
58292WO003		Sample Processing Device Having Process Chambers With Bypass Slots	WO	National	US03/36954	19 nov 2003	2004/062802	29 lug 2004			Robole, Barry W (01298318);Bedingham, William (01268033)
58450CN006		Sample Processing Device with Unvented Channel	CN	Grant	200480021988.4	18 mag 2004	1829569A	13 set 2006	200480021988.4	12 nov 2008	Chong Conklin, Bathsheba E (01346226);Bedingham, William (01268033);Zarraga, Isidro E (01019167);Gason, Samuel JV (01022486);Ludowise, Peter Daniel (01031605);Coleman, Patrick L (01260313)
58450DE007		Sample Processing Device with Unvented Channel	DE	Grant	04776057.4	18 mag 2004	1644118	12 apr 2006	602004043749.2	06 nov 2013	Chong Conklin, Bathsheba E (01346226);Bedingham, William (01268033);Zarraga, Isidro E (01019167);Gason, Samuel JV (01022486);Ludowise, Peter Daniel (01031605);Coleman, Patrick L (01260313)
58450EP007		Sample Processing Device with Unvented Channel	EP	Grant	04776057.4	18 mag 2004	1644118	12 apr 2006	1644118	06 nov 2013	Chong Conklin, Bathsheba E (01346226);Bedingham, William (01268033);Zarraga, Isidro E (01019167);Gason, Samuel JV (01022486);Ludowise, Peter Daniel (01031605);Coleman, Patrick L (01260313)
58450JP008		Sample Processing Device with Unvented Channel	JP	Grant	2006-518619	18 mag 2004	2007-527517	27 set 2007	4499720	23 apr 2010	Chong Conklin, Bathsheba E (01346226);Bedingham, William (01268033);Zarraga, Isidro E (01019167);Gason, Samuel JV (01022486);Ludowise, Peter Daniel (01031605);Coleman, Patrick L (01260313)
58450US002		Sample Processing Device with Unvented Channel	US	Grant	10/610949	01 lug 2003	2005-0199500	15 set 2005	7238269	03 lug 2007	Chong Conklin, Bathsheba E (01346226);Bedingham, William (01268033);Zarraga, Isidro E (01019167);Gason, Samuel JV (01022486);Ludowise, Peter Daniel (01031605);Coleman, Patrick L (01260313)
58450WO003		Sample Processing Device with Unvented Channel	WO	National	US04/15820	18 mag 2004	2005/005045	20 gen 2005			Gason, Samuel JV (01022486);Bedingham, William (01268033);Chong Conklin, Bathsheba E (01346226);Coleman, Patrick L (01260313);Ludowise, Peter Daniel (01031605);Zarraga, Isidro E (01019167)
59071CN008		Variable Valve Apparatus and Methods	CN	Grant	200480040708.4	18 nov 2004	1906295A	31 gen 2007	200480040708.4	27 giu 2012	Bedingham, William (01268033);Robole, Barry W (01298318);Parthasarathy, Ranjani V (01342933);Ericson, Katya (N3M1120123)
59071DE009		Variable Valve Apparatus and Methods	DE	Grant	04811615.6	18 nov 2004	1692283	23 ago 2006	602004046043.5	22 ott 2014	Bedingham, William (01268033);Robole, Barry W (01298318);Parthasarathy, Ranjani V (01342933);Ericson, Katya (N3M1120123)
59071EP009		Variable Valve Apparatus and Methods	EP	Grant	04811615.6	18 nov 2004	1692283	23 ago 2006	1692283	22 ott 2014	Bedingham, William (01268033);Robole, Barry W (01298318);Parthasarathy, Ranjani V (01342933);Ericson, Katya (N3M1120123)
59071FR009		Variable Valve Apparatus and Methods	FR	Grant	04811615.6	18 nov 2004	1692283	23 ago 2006	1692283	22 ott 2014	Bedingham, William (01268033);Robole, Barry W (01298318);Parthasarathy, Ranjani V (01342933);Ericson, Katya (N3M1120123)
59071GB009		Variable Valve Apparatus and Methods	GB	Grant	04811615.6	18 nov 2004	1692283	23 ago 2006	1692283	22 ott 2014	Bedingham, William (01268033);Robole, Barry W (01298318);Parthasarathy, Ranjani V (01342933);Ericson, Katya (N3M1120123)
59071JP010		Variable Valve Apparatus and Methods	JP	Grant	2006-543841	18 nov 2004			4673318	28 gen 2011	Bedingham, William (01268033);Robole, Barry W (01298318);Parthasarathy, Ranjani V (01342933);Ericson, Katya (N3M1120123)
59071JP012		Variable Valve Apparatus and Methods	JP	Grant	2010-237637	22 ott 2010	2011-013237	20 gen 2011	5118184	26 ott 2012	Bedingham, William (01268033);Robole, Barry W (01298318);Parthasarathy, Ranjani V (01342933);Ericson, Katya (N3M1120123)
59071US002		Variable Valve Apparatus and Methods	US	Grant	10/734717	12 dic 2003	2005-0126312	16 giu 2005	7322254	29 gen 2008	Bedingham, William (01268033);Robole, Barry W (01298318)
59071US011		Variable Valve Apparatus and Methods	US	Grant	12/719704	08 mar 2010	2010-0167304	01 lug 2010	8057758	15 nov 2011	Bedingham, William (01268033);Robole, Barry W (01298318);Parthasarathy, Ranjani V (01342933);Ericson, Katya (N3M1120123)
59071WO004		Variable Valve Apparatus and Methods	WO	National	US04/38924	18 nov 2004	2005/061709	07 lug 2005			Bedingham, William (01268033);Robole, Barry W (01298318);Parthasarathy, Ranjani V (01342933);Ericson, Katya (N3M1120123)
59072CN006		Sample Mixing on a Microfluidic Device	CN	Grant	200480036859.2	20 ott 2004	1890018A	03 gen 2007	200480036859.2	20 mag 2015	Bedingham, William (01268033);Robole, Barry W (01298318)
59072DE007		Sample Mixing on a Microfluidic Device	DE	Grant	04795855.8	20 ott 2004	1699548	13 set 2006	602004014641.2-08	25 giu 2008	Bedingham, William (01268033);Robole, Barry W (01298318)
59072EP007		Sample Mixing on a Microfluidic Device	EP	Grant	04795855.8	20 ott 2004	1699548	13 set 2006	1699548	25 giu 2008	Bedingham, William (01268033);Robole, Barry W (01298318)
59072FR007		Sample Mixing on a Microfluidic Device	FR	Grant	04795855.8	20 ott 2004	1699548	13 set 2006	1699548	25 giu 2008	Bedingham, William (01268033);Robole, Barry W (01298318)
59072GB007		Sample Mixing on a Microfluidic Device	GB	Grant	04795855.8	20 ott 2004	1699548	13 set 2006	1699548	25 giu 2008	Bedingham, William (01268033);Robole, Barry W (01298318)
59072JP008		Sample Mixing on a Microfluidic Device	JP	Grant	2006-543806	20 ott 2004			4988354	11 mag 2012	Bedingham, William (01268033);Robole, Barry W (01298318)
59072US002		Sample Mixing on a Microfluidic Device	US	Grant	10/734682	12 dic 2003	2005-0129583	21 gen 2010	7837947	23 nov 2010	Bedingham, William (01268033);Robole, Barry W (01298318)
59072US009		Sample Mixing on a Microfluidic Device	US	Grant	12/902489	12 ott 2010	2011-0027904	03 feb 2011	8057757	15 nov 2011	Bedingham, William (01268033);Robole, Barry W (01298318)
59072WO003		Sample Mixing on a Microfluidic Device	WO	National	US04/34749	20 ott 2004	2005/061084	07 lug 2005			Bedingham, William (01268033);Robole, Barry W (01298318)
59801US002		Methods for Nucleic Acid Isolation and Kits using a Microfluidic Device and Concentration Step	US	Grant	10/852085	24 mag 2004	2005-0142663	30 giu 2005	7939249	10 mag 2011	Parthasarathy, Ranjani V (01342933);Ericson, Katya (N3M1120123);Bedingham, William (01268033)
59801WO003		Methods for Nucleic Acid Isolation and Kits using a Microfluidic Device and Concentration Step	WO	National	US04/35366	25 ott 2004	2005/068627	28 lug 2005			Parthasarathy, Ranjani V (01342933);Ericson, Katya (N3M1120123);Bedingham, William (01268033)
60702BR006		Sample Processing Device with Compression Systems and Method of Using Same	BR	Filing	PI0613794-6	30 giu 2006					Aysta, James (01097613);Bedingham, William (01268033);Robole, Barry W (01298318)
60702DE004		Sample Processing Device with Compression Systems and Method of Using Same	DE	Grant	06786200.3	30 giu 2006	1899069	19 mar 2008	602006036892.5	19 giu 2013	Aysta, James (01097613);Bedingham, William (01268033);Robole, Barry W (01298318)

60702EP004		Sample Processing Device with Compression Systems and Method of Using Same	EP	Grant	06786200.3	30 giu 2006	1899069	19 mar 2008	1899069	19 giu 2013	Aysta, James (01097613);Bedingham, William (01268033);Robole, Barry W (01298318)
60702FR004		Sample Processing Device with Compression Systems and Method of Using Same	FR	Grant	06786200.3	30 giu 2006	1899069	19 mar 2008	1899069	19 giu 2013	Aysta, James (01097613);Bedingham, William (01268033);Robole, Barry W (01298318)
60702GB004		Sample Processing Device with Compression Systems and Method of Using Same	GB	Grant	06786200.3	30 giu 2006	1899069	19 mar 2008	1899069	19 giu 2013	Aysta, James (01097613);Bedingham, William (01268033);Robole, Barry W (01298318)
60702IN009		Sample Processing Device with Compression Systems and Method of Using Same	IN	Filing	2008/28	30 giu 2006					Aysta, James (01097613);Bedingham, William (01268033);Robole, Barry W (01298318)
60702JP010		Sample Processing Device with Compression Systems and Method of Using Same	JP	Grant	2008-520326	30 giu 2006	2009-500625	08 gen 2009	5027125	29 giu 2012	Aysta, James (01097613);Bedingham, William (01268033);Robole, Barry W (01298318)
60702KR011		Sample Processing Device with Compression Systems and Method of Using Same	KR	Grant	10-2008-7000206	30 giu 2006			10-1288764	16 lug 2013	Aysta, James (01097613);Bedingham, William (01268033);Robole, Barry W (01298318)
60702MX012		Sample Processing Device with Compression Systems and Method of Using Same	MX	Grant	2008/000266	30 giu 2006			287188	03 giu 2011	Aysta, James (01097613);Bedingham, William (01268033);Robole, Barry W (01298318)
60702MX015		Sample Processing Device with Compression Systems and Method of Using Same	MX	Grant	2011/005891	03 giu 2011			315536	21 nov 2013	Aysta, James (01097613);Bedingham, William (01268033);Robole, Barry W (01298318)
60702US002		Sample Processing Device Compression Systems and Methods	US	Grant	11/174757	05 lug 2005	2007-0010007-A1	11 gen 2007	7754474	13 lug 2010	Aysta, James (01097613);Bedingham, William (01268033);Robole, Barry W (01298318)
60702US014		Sample Processing Device Compression Systems and Methods	US	Grant	12/793714	04 giu 2010	2010-0240124	23 set 2010	8080409	20 dic 2011	Aysta, James (01097613);Bedingham, William (01268033);Robole, Barry W (01298318)
60702WO003		Sample Processing Device with Compression Systems and Method of Using Same	WO	National	US2006/025944	30 giu 2006	2007/005810	11 gen 2007			Aysta, James (01097613);Bedingham, William (01268033);Robole, Barry W (01298318)
60753DE004		Modular Sample Processing Apparatus Kits and Modules	DE	Grant	06786235.9	30 giu 2006	1899733	19 mar 2008	602006047023.1	24 set 2015	Bedingham, William (01268033);Robole, Barry W (01298318)
60753EP004		Modular Sample Processing Apparatus Kits and Modules	EP	Grant	06786235.9	30 giu 2006	1899733	19 mar 2008	1899733	21 ott 2015	Bedingham, William (01268033);Robole, Barry W (01298318)
60753FR004		Modular Sample Processing Apparatus Kits and Modules	FR	Grant	06786235.9	30 giu 2006	1899733	19 mar 2008	1899733	24 set 2015	Bedingham, William (01268033);Robole, Barry W (01298318)
60753GB004		Modular Sample Processing Apparatus Kits and Modules	GB	Grant	06786235.9	30 giu 2006	1899733	19 mar 2008	1899733	24 set 2015	Bedingham, William (01268033);Robole, Barry W (01298318)
60753US002		Modular Sample Processing Apparatus Kits and Modules	US	Grant	11/174756	05 lug 2005	2007-0007270	11 gen 2007	7323660	29 gen 2008	Bedingham, William (01268033);Robole, Barry W (01298318)
60753US014		Modular Sample Processing Apparatus Kits and Modules	US	Grant	11/930628	31 ott 2007	2008-0050276	28 feb 2008	7767937	03 ago 2010	Bedingham, William (01268033);Robole, Barry W (01298318)
60753WO003		Modular Sample Processing Apparatus Kits and Modules	WO	National	US2006/026017	30 giu 2006	2007/005854	11 gen 2007			Bedingham, William (01268033);Robole, Barry W (01298318)
60754BR012		Multiplex Fluorescence Detection Device Having Fiber Bundle Coupling Multiple Optical Modules to a Common Detector	BR	Filing	PI0609769-3	24 mar 2006					Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60754BR021		Multiplex Fluorescence Detection Device having Removable Optical Modules	BR	Filing	PI0609544-5	24 mar 2006					Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60754CN014		Multiplex Fluorescence Detection Device Having Fiber Bundle Coupling Multiple Optical Modules to a Common Detector	CN	Grant	200680011451.9	24 mar 2006	101156059A	02 apr 2008	200680011451.9	08 giu 2011	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60754CN023		Multiplex Fluorescence Detection Device having Removable Optical Modules	CN	Grant	200680019254.1	24 mar 2006	101189505A	28 mag 2008	200680019254.1	09 nov 2011	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60754DE006		Multiplex Fluorescence Detection Device Having Fiber Bundle Coupling Multiple Optical Modules to a Common Detector	DE	Grant	06739657.2	24 mar 2006	1866631	19 dic 2007	602006021554.1	27 apr 2011	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60754DE008		Multiplex Fluorescence Detection Device having Removable Optical Modules	DE	Grant	06748651.4	24 mar 2006	1872112	02 gen 2008	602006015043.1-08	23 giu 2010	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60754EP006		Multiplex Fluorescence Detection Device Having Fiber Bundle Coupling Multiple Optical Modules to a Common Detector	EP	Grant	06739657.2	24 mar 2006	1866631	19 dic 2007	1866631	27 apr 2011	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60754EP008		Multiplex Fluorescence Detection Device having Removable Optical Modules	EP	Grant	06748651.4	24 mar 2006	1872112	02 gen 2008	1872112	23 giu 2010	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60754FR006		Multiplex Fluorescence Detection Device Having Fiber Bundle Coupling Multiple Optical Modules to a Common Detector	FR	Grant	06739657.2	24 mar 2006	1866631	19 dic 2007	1866631	27 apr 2011	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60754FR008		Multiplex Fluorescence Detection Device having Removable Optical Modules	FR	Grant	06748651.4	24 mar 2006	1872112	02 gen 2008	1872112	23 giu 2010	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60754GB006		Multiplex Fluorescence Detection Device Having Fiber Bundle Coupling Multiple Optical Modules to a Common Detector	GB	Grant	06739657.2	24 mar 2006	1866631	19 dic 2007	1866631	27 apr 2011	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60754GB008		Multiplex Fluorescence Detection Device having Removable Optical Modules	GB	Grant	06748651.4	24 mar 2006	1872112	02 gen 2008	1872112	23 giu 2010	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60754IN015		Multiplex Fluorescence Detection Device Having Fiber Bundle Coupling Multiple Optical Modules to a Common Detector	IN	Grant	4916/CHENP/2007	24 mar 2006			266302	23 apr 2015	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60754IN024		A Detection Device and a Method of Detecting Multiplex Fluorescence	IN	Grant	2007/4914	24 mar 2006			266679	26 mag 2015	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60754JP016		Multiplex Fluorescence Detection Device Having Fiber Bundle Coupling Multiple Optical Modules to a Common Detector	JP	Grant	2008-504205	24 mar 2006	2008-534966	28 ago 2008	5021615	22 giu 2012	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60754JP025		Multiplex Fluorescence Detection Device having Removable Optical Modules	JP	Grant	2008-504192	24 mar 2006	2008-537594	18 set 2008	5021614	22 giu 2012	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60754KR026		Multiplex Fluorescence Detection Device having Removable Optical Modules	KR	Grant	10-2007-7025261	24 mar 2006			10-1265362	10 mag 2013	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)

60754MX018		Multiplex Fluorescence Detection Device Having Fiber Bundle Coupling Multiple Optical Modules to a Common Detector	MX	Grant	2007/012158	24 mar 2006			275196	15 apr 2010	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60754MX027		Multiplex Fluorescence Detection Device having Removable Optical Modules	MX	Grant	2007/012159	24 mar 2006			276217	27 mag 2010	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60754US002		Multiplex Fluorescence Detection Device	US	Expired	60/667461	01 apr 2005					Ludowise, Peter Daniel (01031605)
60754US003		Multiplex Fluorescence Detection Device Having Fiber Bundle Coupling Multiple Optical Modules to a Common Detector	US	Grant	11/174755	05 lug 2005	2006-0223172	05 ott 2006	7709249	04 mag 2010	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60754US004		Multiplex Fluorescence Detection Device having Removable Optical Modules	US	Grant	11/174754	05 lug 2005	2006-0223169	05 ott 2006	7507575	24 mar 2009	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60754WO005		Multiplex Fluorescence Detection Device Having Fiber Bundle Coupling Multiple Optical Modules to a Common Detector	WO	National	US2006/010978	24 mar 2006	2006/107627	12 ott 2006			Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60754WO007		Multiplex Fluorescence Detection Device having Removable Optical Modules	WO	National	US2006/010787	24 mar 2006	2006/107619	12 ott 2006			Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60876EP004		Compliant Microfluidic Sample Processing Disks	EP	Publication of application	06774482.1	30 giu 2006	1899063	19 mar 2008			Bedingham, William (01268033);Robole, Barry W (01298318)
60876IN009		Compliant Microfluidic Sample Processing Disks	IN	Filing	2008/27	30 giu 2006					Bedingham, William (01268033);Robole, Barry W (01298318)
60876JP010		Compliant Microfluidic Sample Processing Disks	JP	Grant	2008-520340	30 giu 2006	2009-500626	08 gen 2009	4927837	17 feb 2012	Bedingham, William (01268033);Robole, Barry W (01298318)
60876KR011		Compliant Microfluidic Sample Processing Disks	KR	Grant	10-2008-7000204	30 giu 2006			10-1302253	26 ago 2013	Bedingham, William (01268033);Robole, Barry W (01298318)
60876MX012		Compliant Microfluidic Sample Processing Disks	MX	Grant	2008/000264	30 giu 2006			283298	25 gen 2011	Bedingham, William (01268033);Robole, Barry W (01298318)
60876US002		Compliant Microfluidic Sample Processing Disks	US	Grant	11/174680	05 lug 2005	2007-0009391	11 gen 2007	7763210	27 lug 2010	Bedingham, William (01268033);Robole, Barry W (01298318)
60876US014		Compliant Microfluidic Sample Processing Device	US	Grant	12/821772	23 giu 2010	2010-0266456	21 ott 2010	8092759	10 gen 2012	Bedingham, William (01268033);Robole, Barry W (01298318)
60876WO003		Compliant Microfluidic Sample Processing Disks	WO	National	US2006/026016	30 giu 2006	2007/005853	11 gen 2007			Bedingham, William (01268033);Robole, Barry W (01298318)
60915BR007		Valve Control System for a Rotating Multiplex Fluorescence Detection Device	BR	Filing	PI0613798-9	24 mar 2006					Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60915CN009		Valve Control System for a Rotating Multiplex Fluorescence Detection Device	CN	Grant	200680024672.X	24 mar 2006	101218496A	09 lug 2008	200680024672.X	03 apr 2013	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60915EP004		Valve Control System for a Rotating Multiplex Fluorescence Detection Device	EP	Publication of application	06739501.2	24 mar 2006	1902306	26 mar 2008			Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60915IN010		Valve Control System for a Rotating Multiplex Fluorescence Detection Device	IN	Grant	2008/54	24 mar 2006			269122	30 nov 2015	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60915JP011		Valve Control System for a Rotating Multiplex Fluorescence Detection Device	JP	Grant	2008-520233	24 mar 2006	2009-500621	08 gen 2009	4908507	20 gen 2012	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60915KR012		Valve Control System for a Rotating Multiplex Fluorescence Detection Device	KR	Grant	10-2008-7000203	24 mar 2006			10-1257130	16 apr 2013	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60915MX013		Valve Control System for a Rotating Multiplex Fluorescence Detection Device	MX	Grant	2008/000252	24 mar 2006			281952	10 dic 2010	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60915US002		Valve Control System for a Rotating Multiplex Fluorescence Detection Device	US	Grant	11/174957	05 lug 2005	2007-0009383	11 gen 2007	7527763	05 mag 2009	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60915US015		Valve Control System for a Rotating Multiplex Fluorescence Detection Device	US	Grant	12/419008	06 apr 2009	2009-0189089	30 lug 2009	7867767	11 gen 2011	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
60997EM006		Rotatable Sample Processing Disk	EM	Grant	450143	19 dic 2005			450143	14 feb 2006	Bedingham, William (01268033);Robole, Barry W (01298318)
60997JP007		Rotatable Sample Processing Disk	JP	Grant	2005-038326	27 dic 2005			1271348	31 mar 2006	Bedingham, William (01268033);Robole, Barry W (01298318)
60997US002		Rotatable Sample Processing Disk	US	Grant	29/233477	05 lug 2005			D564667	18 mar 2008	Bedingham, William (01268033);Robole, Barry W (01298318)
62471CN010		Thermal Transfer Methods and Structures for Microfluidic Systems	CN	Grant	200780047650.X	21 dic 2007	101568385	28 ott 2009	200780047650.X	15 ago 2012	Bedingham, William (01268033);Kokaisel, Chris R (01330357);Pederson, Jeffrey C (01287578)
62471EP004		Thermal Transfer Methods and Structures for Microfluidic Systems	EP	Published	07869747.1	21 dic 2007	2117713	18 nov 2009			Bedingham, William (01268033);Kokaisel, Chris R (01330357);Pederson, Jeffrey C (01287578)
62471IN011		Thermal Transfer Methods and Structures for Microfluidic Systems	IN	Filing	3588/2009	21 dic 2007					Bedingham, William (01268033);Kokaisel, Chris R (01330357);Pederson, Jeffrey C (01287578)
62471KR012		Thermal Transfer Methods and Structures for Microfluidic Systems	KR	Grant	10-2009-7015249	21 dic 2007	20090094384	04 set 2009	10-1595843	15/02/2016	Bedingham, William (01268033);Kokaisel, Chris R (01330357);Pederson, Jeffrey C (01287578)
62471KR013		Thermal Transfer Methods and Structures for Microfluidic Systems	KR	Published	10-2014-7029120	17 ott 2014	10-2014-0138302	03 dic 2014			Bedingham, William (01268033);Kokaisel, Chris R (01330357);Pederson, Jeffrey C (01287578)
62471US002		Thermal Transfer Methods and Structures for Microfluidic Systems	US	Expired	60/871611	22 dic 2006					Bedingham, William (01268033);Kokaisel, Chris R (01330357);Pederson, Jeffrey C (01287578)
62471US005		Thermal Transfer Methods and Structures for Microfluidic Systems	US	Grant	11/962703	21 dic 2007	2008-0149190	26 giu 2008	8128893	06 mar 2012	Bedingham, William (01268033);Kokaisel, Chris R (01330357);Pederson, Jeffrey C (01287578)
62471WO003		Thermal Transfer Methods and Structures for Microfluidic Systems	WO	National	US2007/088532	21 dic 2007	2008/080049	03 lug 2008			Bedingham, William (01268033);Kokaisel, Chris R (01330357);Pederson, Jeffrey C (01287578)
62810DE004		Supported Reagents, Methods, and Devices	DE	Grant	08746834.4	25 apr 2008	2140274	06 gen 2010	602008029943.0	15 gen 2014	Parthasarathy, Ranjani V (01342933);Danielson, Mike E (01340235);Faletti, John C (01024631);Bedingham, William (01268033)
62810EP004		Supported Reagents, Methods, and Devices	EP	Opposition	08746834.4	25 apr 2008	2140274	06 gen 2010	2140274	15 gen 2014	Parthasarathy, Ranjani V (01342933);Danielson, Mike E (01340235);Faletti, John C (01024631);Bedingham, William (01268033)
62810ES004		Supported Reagents, Methods, and Devices	ES	Grant	08746834.4	25 apr 2008	2140274	06 gen 2010	2140274	15 gen 2014	Parthasarathy, Ranjani V (01342933);Danielson, Mike E (01340235);Faletti, John C (01024631);Bedingham, William (01268033)
62810FR004		Supported Reagents, Methods, and Devices	FR	Grant	08746834.4	25 apr 2008	2140274	06 gen 2010	2140274	15 gen 2014	Parthasarathy, Ranjani V (01342933);Danielson, Mike E (01340235);Faletti, John C (01024631);Bedingham, William (01268033)
62810GB004		Supported Reagents, Methods, and Devices	GB	Grant	08746834.4	25 apr 2008	2140274	06 gen 2010	2140274	15 gen 2014	Parthasarathy, Ranjani V (01342933);Danielson, Mike E (01340235);Faletti, John C (01024631);Bedingham, William (01268033)
62810US002		Supported Reagents, Methods, and Devices	US	Expired	60/913814	25 apr 2007					Parthasarathy, Ranjani V (01342933);Danielson, Mike E (01340235);Faletti, John C (01024631);Bedingham, William (01268033)
62810US005		Supported Reagents, Methods, and Devices	US	Grant	12/597410	25 apr 2008	2010-0136554	03 giu 2010	8835157	16 set 2014	Parthasarathy, Ranjani V (01342933);Danielson, Mike E (01340235);Faletti, John C (01024631);Bedingham, William (01268033)
62810WO003		Supported Reagents, Methods, and Devices	WO	National	US2008/061484	25 apr 2008	2008/134462	06 nov 2008			Parthasarathy, Ranjani V (01342933);Danielson, Mike E (01340235);Faletti, John C (01024631);Bedingham, William (01268033)
62821CN009		Enhanced Sample Processing Devices, Systems and Methods	CN	Grant	200780047567.2	21 dic 2007	101568384A	28 ott 2009	200780047567.2	01 mag 2013	Bedingham, William (01268033);Kokaisel, Chris R (01330357);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)

62821DE004		Enhanced Sample Processing Devices, Systems and Methods	DE	Grant	07869741.4	21 dic 2007	2107944	14 ott 2009	602007029422.3	27 mar 2013	Bedingham, William (01268033);Kokaisel, Chris R (01330357);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
62821EP004		Enhanced Sample Processing Devices, Systems and Methods	EP	Grant	07869741.4	21 dic 2007	2107944	14 ott 2009	2107944	27 mar 2013	Bedingham, William (01268033);Kokaisel, Chris R (01330357);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
62821FR004		Enhanced Sample Processing Devices, Systems and Methods	FR	Grant	07869741.4	21 dic 2007	2107944	14 ott 2009	2107944	27 mar 2013	Bedingham, William (01268033);Kokaisel, Chris R (01330357);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
62821GB004		Enhanced Sample Processing Devices, Systems and Methods	GB	Grant	07869741.4	21 dic 2007	2107944	14 ott 2009	2107944	27 mar 2013	Bedingham, William (01268033);Kokaisel, Chris R (01330357);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
62821IN010		Enhanced Sample Processing Devices, Systems and Methods	IN	Filing	2009/3607	21 dic 2007					Bedingham, William (01268033);Kokaisel, Chris R (01330357);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
62821US002		Enhanced Sample Processing Devices, Systems and Methods	US	Expired	60/871620	22 dic 2006					Bedingham, William (01268033);Kokaisel, Chris R (01330357);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
62821WO003		Enhanced Sample Processing Devices, Systems and Methods	WO	National	US2007/088526	21 dic 2007	2008/080046	03 lug 2008			Bedingham, William (01268033);Kokaisel, Chris R (01330357);Ludowise, Peter Daniel (01031605);Robole, Barry W (01298318)
64022CN008		Analysis of Nucleic Acid Amplification Curves Using Wavelet Transformation	CN	Grant	200980119169.6	24 apr 2009	102046807	04 mag 2011	200980119169.6	26 nov 2014	Ludowise, Peter Daniel (01031605)
64022DE004		Analysis of Nucleic Acid Amplification Curves Using Wavelet Transformation	DE	Grant	09734723.1	24 apr 2009	2276849	26 gen 2011	602009028107.0	03 dic 2014	Ludowise, Peter Daniel (01031605)
64022EP004		Analysis of Nucleic Acid Amplification Curves Using Wavelet Transformation	EP	Grant	09734723.1	24 apr 2009	2276849	26 gen 2011	2276849	03 dic 2014	Ludowise, Peter Daniel (01031605)
64022FR004		Analysis of Nucleic Acid Amplification Curves Using Wavelet Transformation	FR	Grant	09734723.1	24 apr 2009	2276849	26 gen 2011	2276849	03 dic 2014	Ludowise, Peter Daniel (01031605)
64022GB004		Analysis of Nucleic Acid Amplification Curves Using Wavelet Transformation	GB	Grant	09734723.1	24 apr 2009	2276849	26 gen 2011	2276849	03 dic 2014	Ludowise, Peter Daniel (01031605)
64022US002		Analysis of Nucleic Acid Amplification Curves Using Wavelet Transformation	US	Expired	61/047606	24 apr 2008					Ludowise, Peter Daniel (01031605)
64022US005		Analysis of Nucleic Acid Amplification Curves Using Wavelet Transformation	US	Grant	12/988820	24 apr 2009	2011-0039274	17 feb 2011	9121055	01 set 2015	Ludowise, Peter Daniel (01031605)
64022WO003		Analysis of Nucleic Acid Amplification Curves Using Wavelet Transformation	WO	National	US2009/041656	24 apr 2009	2009/132268	29 ott 2009			Ludowise, Peter Daniel (01031605)
65232CN007		Compensation for Spectral Crosstalk in Multiplex Nucleic Acid Amplification	CN	Grant	201080040425.5	31 ago 2010	102482720	30 mag 2012	201080040425.5	08 ott 2014	Ludowise, Peter Daniel (01031605)
65232EP004		Compensation for Spectral Crosstalk in Multiplex Nucleic Acid Analysis	EP	Publication of application	10815913.8	31 ago 2010	2475788	18 lug 2012			Ludowise, Peter Daniel (01031605)
65232MX008		Compensation for Spectral Crosstalk in Multiplex Nucleic Acid Amplification	MX	Filing	US2010/047265	31 ago 2010					Ludowise, Peter Daniel (01031605)
65232US002		Compensation for Spectral Crosstalk in Multiplex Nucleic Acid Analysis	US	Expired	61/241307	10 set 2009					Ludowise, Peter Daniel (01031605)
65232US005		Compensation for Spectral Crosstalk in Multiplex Nucleic Acid Amplification	US	Expired	61/358287	24 giu 2010					Ludowise, Peter Daniel (01031605)
65232US006		Compensation for Spectral Crosstalk in Multiplex Nucleic Acid Amplification	US	Published	13/394944	31 ago 2010	2012-0171677	05 lug 2012			Ludowise, Peter Daniel (01031605)
65232WO003		Compensation for Spectral Crosstalk in Multiplex Nucleic Acid Amplification	WO	National	US2010/047265	31 ago 2010	2011/031585	17 mar 2011			Ludowise, Peter Daniel (01031605)
65861WO003		Annular Compression Systems and Methods for Sample Processing Devices	WO	National	US2009/064372	13 nov 2009	2011/059444	19 mag 2011			Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Pederson, Jeffrey C (01287578);Robole, Barry W (01298318);Kokaisel, Chris R (01330357)
65917CN005		Systems and Methods for Processing Sample Processing Devices	CN	Grant	200980162435.3	13 nov 2009	102667488	12 set 2012	200980162435.3	12 nov 2014	Robole, Barry W (01298318);Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Pederson, Jeffrey C (01287578)
65917EP004		Systems and Methods for Processing Sample Processing Devices	EP	Publication of application	09764359.7	13 nov 2009	2499498	19 set 2012			Robole, Barry W (01298318);Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Pederson, Jeffrey C (01287578)
65917US002		Systems for Processing Sample Processing Devices	US	Grant	12/617921	13 nov 2009	2011-0117656	19 mag 2011	8834792	16 set 2014	Robole, Barry W (01298318);Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Pederson, Jeffrey C (01287578)
65917WO003		Systems and Methods for Processing Sample Processing Devices	WO	National	US2009/064365	13 nov 2009	2011/059443	19 mag 2011			Robole, Barry W (01298318);Bedingham, William (01268033)
65983CN004		Sample Processing Disk Cover	CN	Grant	201030173109.8	13 mag 2010			201030173109.8	13 apr 2011	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Pederson, Jeffrey C (01287578);Robole, Barry W (01298318)
65983EM005		Laboratory Analysis Apparatus	EM	Grant	1213136 - 1/2	10 mag 2010			1213136 - 1/2	10 giu 2010	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Pederson, Jeffrey C (01287578);Robole, Barry W (01298318)
65983US002		Sample Processing Disk Cover	US	Grant	29/350262	13 nov 2009			D638550	24 mag 2011	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Pederson, Jeffrey C (01287578);Robole, Barry W (01298318)
65984US002		Sample Processing Disk Cover	US	Grant	29/350264	13 nov 2009			D638951	31 mag 2011	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Pederson, Jeffrey C (01287578);Robole, Barry W (01298318)
67257AU006	Yes	Systems and Methods for Valving on a Sample Processing Device	AU	Grant	2012255142	18 mag 2012			2012255142	18 giu 2015	Ludowise, Peter Daniel (01031605);Smith, Jeffrey Douglas (01297772)
67257BR007	Yes	Systems and Methods for Valving on a Sample Processing Device	BR	Filing	112013027990.7	18 mag 2012					Ludowise, Peter Daniel (01031605);Smith, Jeffrey Douglas (01297772)
67257CN008	Yes	Systems and Methods for Valving on a Sample Processing Device	CN	Published	201280021352.4	18 mag 2012	103501908A	08 gen 2014			Ludowise, Peter Daniel (01031605);Smith, Jeffrey Douglas (01297772)
67257EP009	Yes	Systems and Methods for Valving on a Sample Processing Device	EP	Publication of application	12723353.4	18 mag 2012	2709760	26 mar 2014			Ludowise, Peter Daniel (01031605);Smith, Jeffrey Douglas (01297772)
67257IN010	Yes	Systems and Methods for Valving on a Sample Processing Device	IN	Publication of application	8717/CHENP/13	18 mag 2012	8717/CHENP/2013 A	12 set 2014			Ludowise, Peter Daniel (01031605);Smith, Jeffrey Douglas (01297772)
67257KR013	Yes	Systems and Methods for Valving on a Sample Processing Device	KR	Filing	2013-7028880	18 mag 2012					Ludowise, Peter Daniel (01031605);Smith, Jeffrey Douglas (01297772)
67257MX012	Yes	Systems and Methods for Valving on a Sample Processing Device	MX	Filing	MX/a/2013/012687	18 mag 2012					Ludowise, Peter Daniel (01031605);Smith, Jeffrey Douglas (01297772)
67257US002	Yes	Systems and Methods for Valving on a Sample Processing Device	US	Expired	61/487669	18 mag 2011					Ludowise, Peter Daniel (01031605);Smith, Jeffrey Douglas (01297772)
67257US003	Yes	Systems and Methods for Valving on a Sample Processing Device	US	Expired	61/490012	25 mag 2011					Ludowise, Peter Daniel (01031605);Smith, Jeffrey Douglas (01297772)
67257US005	Yes	Systems and Methods for Valving on a Sample Processing Device	US	Grant	13/474779	18 mag 2012	2012-0291565	22 nov 2012	9067205	30 giu 2015	Ludowise, Peter Daniel (01031605);Smith, Jeffrey Douglas (01297772)
67257WO004	Yes	Systems and Methods for Valving on a Sample Processing Device	WO	National	US2012/038470	18 mag 2012	2012/158988	22 nov 2012			Ludowise, Peter Daniel (01031605);Smith, Jeffrey Douglas (01297772)
67258AU006	Yes	Systems and Methods for Volumetric Metering on a Sample Processing Device	AU	Grant	2012255144	18 mag 2012			2012255144	14 mag 2015	Ludowise, Peter Daniel (01031605);Whitman, David Alan (01310768);Smith, Jeffrey Douglas (01297772)
67258BR007	Yes	Systems and Methods for Volumetric Metering on a Sample Processing Device	BR	Filing	112013027903.6	18 mag 2012					Ludowise, Peter Daniel (01031605);Whitman, David Alan (01310768);Smith, Jeffrey Douglas (01297772)

67258CN008	Yes	Systems and Methods for Volumetric Metering on a Sample Processing Device	CN	Grant	201280024062.5	18 mag 2012	CN 103547370A	29 gen 2014	201280024062.5	13 mag 2015	Ludowise, Peter Daniel (01031605);Whitman, David Alan (01310768);Smith, Jeffrey Douglas (01297772)
67258EP009	Yes	Systems and Methods for Volumetric Metering on a Sample Processing Device	EP	Publication of application	12724481.2	18 mag 2012	2709761	26 mar 2014			Ludowise, Peter Daniel (01031605);Whitman, David Alan (01310768);Smith, Jeffrey Douglas (01297772)
67258IN010	Yes	Systems and Methods for Volumetric Metering on a Sample Processing Device	IN	Publication of application	8606/CHENP/13	18 mag 2012	8606/CHENP/13 A	12 dic 2014			Ludowise, Peter Daniel (01031605);Whitman, David Alan (01310768);Smith, Jeffrey Douglas (01297772)
67258KR013	Yes	Systems and Methods for Volumetric Metering on a Sample Processing Device	KR	Filing	2013-7028881	18 mag 2012					Ludowise, Peter Daniel (01031605);Whitman, David Alan (01310768);Smith, Jeffrey Douglas (01297772)
67258MX012	Yes	Systems and Methods for Volumetric Metering on a Sample Processing Device	MX	Filing	MX/a/2013/012573	18 mag 2012					Ludowise, Peter Daniel (01031605);Whitman, David Alan (01310768);Smith, Jeffrey Douglas (01297772)
67258US002	Yes	Systems and Methods for Volumetric Metering on a Sample Processing Device	US	Expired	61/487672	18 mag 2011					Ludowise, Peter Daniel (01031605);Whitman, David Alan (01310768);Smith, Jeffrey Douglas (01297772)
67258US003	Yes	Systems and Methods for Volumetric Metering on a Sample Processing Device	US	Expired	61/490014	25 mag 2011					Ludowise, Peter Daniel (01031605);Whitman, David Alan (01310768);Smith, Jeffrey Douglas (01297772)
67258US005	Yes	Systems and Methods for Volumetric Metering on a Sample Processing Device	US	Grant	13/474873	18 mag 2012	2012-0291538	22 nov 2012	8931331	13 gen 2015	Ludowise, Peter Daniel (01031605);Whitman, David Alan (01310768);Smith, Jeffrey Douglas (01297772)
67258WO004	Yes	Systems and Methods for Volumetric Metering on a Sample Processing Device	WO	National	US2012/038478	18 mag 2012	2012/158990	22 nov 2012			Ludowise, Peter Daniel (01031605);Whitman, David Alan (01310768);Smith, Jeffrey Douglas (01297772)
67259AU005	Yes	Systems and Methods for Detecting the Presence of a Selected Volume of Material in a Sample Processing Device	AU	Grant	2012255151	18 mag 2012			2012255151	17 dic 2015	Whitman, David Alan (01310768);Ludowise, Peter Daniel (01031605);Armantrout, Kyle C. (INV-07152011-1);Exner, Maurice (INV-07152011-2);Jacky, Lucien A.E. (INV-07152011-3);Tabb, Michelle M. (INV-07152011-4)
67259BR006	Yes	Systems and Methods for Detecting the Presence of a Selected Volume of Material in a Sample Processing Device	BR	Filing	1120130291818	18 mag 2012					Whitman, David Alan (01310768);Ludowise, Peter Daniel (01031605);Armantrout, Kyle C. (INV-07152011-1);Exner, Maurice (INV-07152011-2);Jacky, Lucien A.E. (INV-07152011-3);Tabb, Michelle M. (INV-07152011-4)
67259EP008	Yes	Systems and Methods for Detecting the Presence of a Selected Volume of Material in a Sample Processing Device	EP	Publication of application	12727701.0	18 mag 2012	2709762	26 mar 2014			Whitman, David Alan (01310768);Ludowise, Peter Daniel (01031605);Armantrout, Kyle C. (INV-07152011-1);Exner, Maurice (INV-07152011-2);Jacky, Lucien A.E. (INV-07152011-3);Tabb, Michelle M. (INV-07152011-4)
67259KR012	Yes	Systems and Methods for Detecting the Presence of a Selected Volume of Material in a Sample Processing Device	KR	Filing	10-2013-7033201	18 mag 2012					Whitman, David Alan (01310768);Ludowise, Peter Daniel (01031605);Armantrout, Kyle C. (INV-07152011-1);Exner, Maurice (INV-07152011-2);Jacky, Lucien A.E. (INV-07152011-3);Tabb, Michelle M. (INV-07152011-4)
67259MX011	Yes	Systems and Methods for Detecting the Presence of a Selected Volume of Material in a Sample Processing Device	MX	Filing	MX/a/13/013149	18 mag 2012					Whitman, David Alan (01310768);Ludowise, Peter Daniel (01031605);Armantrout, Kyle C. (INV-07152011-1);Exner, Maurice (INV-07152011-2);Jacky, Lucien A.E. (INV-07152011-3);Tabb, Michelle M. (INV-07152011-4)
67259US002	Yes	Systems and Methods for Detecting the Presence of a Selected Volume of Material in a Sample Processing Device	US	Expired	61/487618	18 mag 2011					Whitman, David Alan (01310768);Ludowise, Peter Daniel (01031605);Armantrout, Kyle C. (INV-07152011-1);Exner, Maurice (INV-07152011-2);Jacky, Lucien A.E. (INV-07152011-3);Tabb, Michelle M. (INV-07152011-4)
67259US004	Yes	Systems and Methods for Detecting the Presence of a Selected Volume of Material in a Sample Processing Device	US	Grant	13/474903	18 mag 2012	2012-0293796	22 nov 2012	9168523	27 ott 2015	Whitman, David Alan (01310768);Ludowise, Peter Daniel (01031605);Armantrout, Kyle C. (INV-07152011-1);Exner, Maurice (INV-07152011-2);Jacky, Lucien A.E. (INV-07152011-3);Tabb, Michelle M. (INV-07152011-4)
67259US014	Yes	Systems and Methods for Detecting the Presence of a Selected Volume of Material in a Sample Processing Device	US	Filing	14/881506	13 ott 2015					Whitman, David Alan (01310768);Ludowise, Peter Daniel (01031605);Armantrout, Kyle C. (INV-07152011-1);Exner, Maurice (INV-07152011-2);Jacky, Lucien A.E. (INV-07152011-3);Tabb, Michelle M. (INV-07152011-4)
67259WO003	Yes	Systems and Methods for Detecting the Presence of a Selected Volume of Material in a Sample Processing Device	WO	National	US2012/038498	18 mag 2012	2012/158997	22 nov 2012			Whitman, David Alan (01310768);Ludowise, Peter Daniel (01031605);Armantrout, Kyle C. (INV-07152011-1);Exner, Maurice (INV-07152011-2);Jacky, Lucien A.E. (INV-07152011-3);Tabb, Michelle M. (INV-07152011-4)
67274US002		Sample Processing Disk Cover	US	Grant	29/384821	04 feb 2011			D667561	18 set 2012	Bedingham, William (01268033);Ludowise, Peter Daniel (01031605);Pederson, Jeffrey C (01287578);Roholt, Barry W (0129818)
67417US002	Yes	Disk for a Rotatable Sample Processing Disk	US	Grant	29/392223	18 mag 2011			D672467	11 dic 2012	Smith, Jeffrey Douglas (01297772);Ludowise, Peter Daniel (01031605)
67417US003	Yes	Rotatable Sample Processing Disk	US	Grant	29/431512	07 set 2012			D677395	05 mar 2013	Smith, Jeffrey Douglas (01297772);Ludowise, Peter Daniel (01031605)