

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6540713

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	EXACT SCIENCES CORPORATION	10/01/2017
RECEIVING PARTY DATA		
Name:	EXACT SCIENCES DEVELOPMENT COMPANY, LLC	
Street Address:	441 CHARMANY DRIVE	
City:	MADISON	
State/Country:	WISCONSIN	
Postal Code:	53719	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	17170541
CORRESPONDENCE DATA		
Fax Number:	(650)327-3231	
<i>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.</i>		
Phone:	6503273400	
Email:	long@bozpat.com	
Correspondent Name:	BOZICEVIC, FIELD & FRANCIS LLP	
Address Line 1:	201 REDWOOD SHORES PARKWAY, SUITE 200	
Address Line 4:	REDWOOD CITY, CALIFORNIA 94065	
ATTORNEY DOCKET NUMBER:	EXAS-002CON3	
NAME OF SUBMITTER:	JAMES S. KEDDIE	
SIGNATURE:	/James S. Keddie/	
DATE SIGNED:	02/08/2021	
Total Attachments: 16		
source=EXAS-002CON3_Assignment #2_Project Dakota - Assignment of Patent Rights (Executed)#page1.tif		
source=EXAS-002CON3_Assignment #2_Project Dakota - Assignment of Patent Rights (Executed)#page2.tif		
source=EXAS-002CON3_Assignment #2_Project Dakota - Assignment of Patent Rights (Executed)#page3.tif		
source=EXAS-002CON3_Assignment #2_Project Dakota - Assignment of Patent Rights (Executed)#page4.tif		
source=EXAS-002CON3_Assignment #2_Project Dakota - Assignment of Patent Rights (Executed)#page5.tif		
source=EXAS-002CON3_Assignment #2_Project Dakota - Assignment of Patent Rights (Executed)#page6.tif		

source=EXAS-002CON3_Assignment #2_Project Dakota - Assignment of Patent Rights (Executed)#page7.tif
source=EXAS-002CON3_Assignment #2_Project Dakota - Assignment of Patent Rights (Executed)#page8.tif
source=EXAS-002CON3_Assignment #2_Project Dakota - Assignment of Patent Rights (Executed)#page9.tif
source=EXAS-002CON3_Assignment #2_Project Dakota - Assignment of Patent Rights (Executed)#page10.tif
source=EXAS-002CON3_Assignment #2_Project Dakota - Assignment of Patent Rights (Executed)#page11.tif
source=EXAS-002CON3_Assignment #2_Project Dakota - Assignment of Patent Rights (Executed)#page12.tif
source=EXAS-002CON3_Assignment #2_Project Dakota - Assignment of Patent Rights (Executed)#page13.tif
source=EXAS-002CON3_Assignment #2_Project Dakota - Assignment of Patent Rights (Executed)#page14.tif
source=EXAS-002CON3_Assignment #2_Project Dakota - Assignment of Patent Rights (Executed)#page15.tif
source=EXAS-002CON3_Assignment #2_Project Dakota - Assignment of Patent Rights (Executed)#page16.tif

ASSIGNMENT OF PATENT RIGHTS

THIS ASSIGNMENT OF PATENT RIGHTS (this “Assignment”) is made as of October 1, 2017, by and between **EXACT SCIENCES CORPORATION**, a Delaware corporation (“Transferor”) and **EXACT SCIENCES DEVELOPMENT COMPANY, LLC**, a Delaware limited liability company (“Company”).

RECITALS

WHEREAS, pursuant to the Contribution Agreement dated as of the date hereof by and between the Transferor and the Company (the “Contribution Agreement”), Transferor agreed to transfer to Company various intellectual property rights, including the patent rights in applications set forth on Appendix A hereto and described below (collectively, the “Patent Rights”); and

WHEREAS, Transferor desires to transfer and assign to Company, and Company desires to accept the transfer and assignment of, all of Transferor’s worldwide right, benefit, title and interest in, to, and under the Patent Rights and applications for the filing of the Patents Rights.

AGREEMENT

NOW THEREFORE, in consideration of the foregoing premises, the covenants and agreements contained in this Assignment, the covenants and agreements contained in the Contribution Agreement and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged:

1. **Assignment of Rights by Transferor.** Transferor does hereby transfer, assign, set over, convey and deliver to Company, and Company hereby accepts from Transferor, all of Transferor’s right, benefit, title, and interest in, to and under the Patent Rights, including, without limitation, (i) all future patents which may be granted therefor throughout the world and all divisions, reissuances, reexaminations, substitutions, continuations, continuations-in-part, revisions, renewals, foreign counterparts and extensions of the Patent Rights (collectively “Future Patents”), (ii) all goodwill of Transferor associated with the Patent Rights and Future Patents and which is symbolized thereby and (iii) all rights to sue for infringement of any Patent Rights or Future Patents, whether arising prior to or subsequent to the date of this Assignment, and to retain any damages collected thereby. Transferor hereby authorizes and requests the United States Patent and Trademark Office and other patent offices throughout the world to issue all Future Patents, insofar as Transferor’s interest is concerned, to Company.

2. **Further Assurances.** Transferor shall execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith reasonably necessary to perfect such right, benefit, title, and interest in Company.

3. **No Modification of the Contribution Agreement.** Nothing in this Assignment shall be construed to enlarge, restrict, or otherwise modify the terms of the Contribution Agreement. In the event of any conflict or ambiguity between the provisions of this Assignment and the Contribution Agreement, the provisions in the Contribution Agreement shall control.

4. **Enforceability.** This Assignment is being executed by Transferor and shall be binding upon it and its respective successors and assigns, for the uses and purposes set forth above, and shall be effective as of the date hereof.

5. **Choice of Law.** This Agreement shall be governed by and construed in accordance with the substantive laws of the State of Delaware, without regard to its conflicts or choice of law provisions.

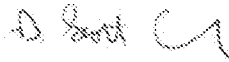
6. **Counterparts.** This Agreement may be executed by facsimile signature and in two or more counterparts, each of which shall be deemed to be an original but all of which together will constitute one and the same instrument.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, Transferor and Company have each caused this Assignment to be executed by its duly authorized corporate officer effective as of the date first written above.

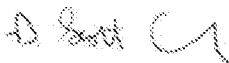
TRANSFEROR:

EXACT SCIENCES CORPORATION

By: 
Name: D. Scott Coward
Title: Secretary

COMPANY:

EXACT SCIENCES DEVELOPMENT
COMPANY, LLC

By: 
Name: D. Scott Coward
Title: Secretary

Appendix A Patent Rights

Title or Subject Matter	Application/Patent No.	Filing Date
Methods and Compositions for Detecting Adenoma	US 60/657,841	3/1/2005
Methods and Compositions for Detecting Adenoma	US 11/897,981	8/31/2007
Methods and Compositions for Detecting Adenoma	PCT/US06/007493	3/1/2006
Methods for Detecting Colon Cancer from Stool	AT E246806	12/20/1996
Methods for Detecting Colon Cancer from Stool	AU 704696	12/20/1996
Methods for Detecting Colon Cancer from Stool	AU 720489	12/20/1996
Methods for Detecting Colon Cancer from Stool	BE 0817968	12/20/1996
Methods for Detecting Colon Cancer from Stool	CA 2215263	12/20/1996
Methods for Detecting Colon Cancer from Stool	CH 0817968	12/20/1996
Methods for Detecting Colon Cancer from Stool	DE 696293633.08	12/20/1996
Methods for Detecting Colon Cancer from Stool	DK 0817968	12/20/1996
Methods for Detecting Colon Cancer from Stool	EP 0817968	12/20/1996
Methods for Detecting Colon Cancer from Stool Samples	EP 02024382.0	12/20/1996
Methods for Detecting Colon Cancer from Stool	ES 0817968	12/20/1996
Methods for Detecting Colon Cancer from Stool	FI 0817968	12/20/1996
Methods for Detecting Colon Cancer from Stool	FR 0817968	12/20/1996
Methods for Detecting Colon Cancer from Stool	GB 0817968	12/20/1996
Methods for Detecting Colon Cancer from Stool	IE 0817968	12/20/1996
Methods for Detecting Colon Cancer from Stool	IT 0817968	12/20/1996
Methods for Detecting Colon Cancer from Stool	JP 4195508	12/20/1996
Methods for Detecting Colon Cancer from Stool	NL 0871968	12/20/1996
Methods for Detecting Colon Cancer from Stool	SE 0817968	12/20/1996
Methods for Detecting Colon Cancer from Stool	US 60/010,856	1/30/1996
Methods for Detecting Colon Cancer from Stool	US 5,741,650	8/14/1996
Methods for Detecting Colon Cancer from Stool	PCT/US96/20727 WO 9728450	12/20/1996
Methods for Detecting Colon Cancer from Stool	US 60/012015	2/21/1996
Method of Stabilizing a Biological Sample for a Nucleic Acid Assay	US 60/571,120	5/14/2004
Method of Stabilizing a Biological Sample for a Nucleic Acid Assay	US 11/596,400	1/10/2008
Method of Stabilizing a Biological Sample for a Nucleic Acid Assay	PCT/US05/017046	5/16/2005
Methods for Disease Detection	AU 2004250246	6/21/2004
Methods for Disease Detection	EP 04776825.4	6/21/2004
Methods for Disease Detection	US 10/601132	6/20/2003
Methods for Disease Detection	PCT/US04/019732	6/21/2004

Title or Subject Matter	Application/Patent No.	Filing Date
Clinical Algorithm for Excluding Patients Identified in Virtual Imaging	US 60/735,979	11/9/2005
Clinical Algorithm for Excluding Patients Identified in Virtual Imaging	US 11/595,593	11/9/2006
Hybridization Analysis of Nucleic Acids Using Gel-Immobilized Probes	PCT/US98/009952	5/15/1998
Hybridization Analysis of Nucleic Acids Using Gel-Immobilized Probes	AU 730491	5/15/1998
Hybridization Analysis of Nucleic Acids Using Gel-Immobilized Probes	CA2289925	5/15/1998
Hybridization Analysis of Nucleic Acids Using Gel-Immobilized Probes	EP 0981647	5/15/1998
Hybridization Analysis of Nucleic Acids Using Gel-Immobilized Probes	EP 06016509.9 EP 20060076572	5/15/1998
Hybridization Analysis of Nucleic Acids Using Gel-Immobilized Probes	GB 0981647	5/15/1998
Hybridization Analysis of Nucleic Acids Using Gel-Immobilized Probes	JP 10-549576	5/15/1998
Hybridization Analysis of Nucleic Acids Using Gel-Immobilized Probes	US 60/046,708	5/16/1997
Hybridization Analysis of Nucleic Acids Using Gel-Immobilized Probes	US 08/971,845	8/8/1997
Hybridization Analysis of Nucleic Acids Using Gel-Immobilized Probes	US 7,452,668	7/9/2004
Hybridization Analysis of Nucleic Acids Using Gel-Immobilized Probes	US 12/251,190	10/14/2008
Methods for Purifying DNA Using Immobilized Capture Probes	AU 37083/00	2/25/2000
Methods for Purifying DNA Using Immobilized Capture Probes	CA 2369002	2/25/2000
Methods for Purifying DNA Using Immobilized Capture Probes	EP 00915885.8	2/25/2000
Methods for Purifying DNA Using Immobilized Capture Probes	JP 2000-601207	2/25/2000
Methods for Purifying DNA Using Immobilized Capture Probes	US 09/259,467	2/26/1999
Methods for Purifying DNA Using Immobilized Capture Probes	US 09/939,275	8/24/2001
Methods for Purifying DNA Using Immobilized Capture Probes	PCT/US00/004939	2/25/2000
Blood Sample Testing Apparatus and Methods of Use Thereof	AU 753191	11/25/1998
Blood Sample Testing Apparatus and Methods of Use Thereof	CA 2311501	11/25/1998
Blood Sample Testing Apparatus and Methods of Use Thereof	EP 98960365.9	11/25/1998
Blood Sample Testing Apparatus and Methods of Use	US 60/066,508	11/25/1997

Title or Subject Matter	Application/Patent No.	Filing Date
Thereof		
Blood Sample Testing Apparatus and Methods of Use Thereof	US 6,251,660	11/25/1998
Blood Sample Testing Apparatus and Methods of Use Thereof	PCT/US98/24918	11/25/1998
Methods for Disease Diagnosis from Stool Samples	AU34919/99	4/13/1999
Methods for Disease Diagnosis from Stool Samples	EP99916648.1	4/13/1999
Methods for Disease Diagnosis from Stool Samples	US 5,952,178	4/13/1998
Methods for Disease Diagnosis from Stool Samples	US 6,303,304	2/2/1999
Methods for Disease Diagnosis from Stool Samples	US 09/977876	10/15/2001
Methods for Disease Diagnosis from Stool Samples	PCT/US99/008013	4/13/1999
Methods for Disease Diagnosis from Stool Samples	CA 2328616	4/13/1999
Methods for Disease Diagnosis from Stool Samples	JP 2000-543829	4/13/1999
Methods for Stool Sample Preparation	AU 774214	11/22/1999
Methods for Stool Sample Preparation	CA 2352455	11/22/1999
Methods for Stool Sample Preparation	EP 99962837.3	11/22/1999
Methods for Stool Sample Preparation	JP 2000-584110	11/22/1999
Methods for Stool Sample Preparation	US 08/876,638	6/16/1997
Methods for Stool Sample Preparation	US 6,268,136	11/23/1998
Methods for Stool Sample Preparation	US 6,406,857	5/21/2001
Methods for Stool Sample Preparation	US 10/105,877	3/25/2002
Methods for Stool Sample Preparation	PCT/US99/27732	11/22/1999
Denaturing Gradient Affinity Electrophoresis and Methods of Use Thereof	AU 760236	6/18/1999
Denaturing Gradient Affinity Electrophoresis and Methods of Use Thereof	CA 2331767	6/18/1999
Denaturing Gradient Affinity Electrophoresis and Methods of Use Thereof	EP 99930343.1	6/18/1999
Denaturing Gradient Affinity Electrophoresis and Methods of Use Thereof	JP 2000-554885	6/18/1999
Denaturing Gradient Affinity Electrophoresis and Methods of Use Thereof	US 60/089,788	6/18/1998
Denaturing Gradient Affinity Electrophoresis and Methods of Use Thereof	US 6,214,187	6/18/1999
Denaturing Gradient Affinity Electrophoresis and Methods of Use Thereof	US 09/707,119	11/6/2000
Denaturing Gradient Affinity Electrophoresis and Methods of Use Thereof	PCT/US99/013649	6/18/1999
Reverse Displacement Assay for Nucleic Acid	US 60/103,075	10/5/1998
Reverse Displacement Assay for Nucleic Acid	US 6,238,927	10/4/1999
Reverse Displacement Assay for Nucleic Acid	PCT/US99/023035	10/4/1999
Biochemical Purification Devices with Immobilized Capture Probes and Their Uses	EP 03029149.6	2/25/2000

Title or Subject Matter	Application/Patent No.	Filing Date
Biochemical Purification Devices with Immobilized Capture Probes and Their Uses	IT 1157264	2/25/2000
Biochemical Purification Devices with Immobilized Capture Probes and Their Uses	JP 2000-601418	2/25/2000
Biochemical Purification Devices with Immobilized Capture Probes and Their Uses	US 11/252,196	10/15/2005
Biochemical Purification Devices with Immobilized Capture Probes and Their Uses	AT E265040	2/25/2000
Biochemical Purification Devices with Immobilized Capture Probes and Their Uses	AU 772213	2/25/2000
Biochemical Purification Devices with Immobilized Capture Probes and Their Uses	BE 1157264	2/25/2000
Biochemical Purification Devices with Immobilized Capture Probes and Their Uses	CA 2369083	2/25/2000
Biochemical Purification Devices with Immobilized Capture Probes and Their Uses	CH 1157264	2/25/2000
Biochemical Purification Devices with Immobilized Capture Probes and Their Uses	DE 60010058.8	2/25/2000
Biochemical Purification Devices with Immobilized Capture Probes and Their Uses	DK 1157264	2/25/2000
Biochemical Purification Devices with Immobilized Capture Probes and Their Uses	EP 1157264	2/25/2000
Biochemical Purification Devices with Immobilized Capture Probes and Their Uses	ES 1157264	2/25/2000
Biochemical Purification Devices with Immobilized Capture Probes and Their Uses	FR 1157264	2/25/2000
Biochemical Purification Devices with Immobilized Capture Probes and Their Uses	GB 1157264	2/25/2000
Biochemical Purification Devices with Immobilized Capture Probes and Their Uses	IE 1157264	2/25/2000
Biochemical Purification Devices with Immobilized Capture Probes and Their Uses	NL 1157264	2/25/2000
Biochemical Purification Devices with Immobilized Capture Probes and Their Uses	SE 1157264	2/25/2000
Biochemical Purification Devices with Immobilized Capture Probes and Their Uses	US 60/121,836	2/26/1999
Biochemical Purification Devices with Immobilized Capture Probes and Their Uses	US 09/513,381	2/25/2000
Biochemical Purification Devices with Immobilized Capture Probes and Their Uses	US 10/021,237	12/6/2001
Biochemical Purification Devices with Immobilized Capture Probes and Their Uses	PCT/US00/004771	2/25/2000
Devices and Methods for Recovery of Target Nucleic Acids from Heterogeneous Biological Samples	US 60/440,500	1/16/2003
Devices and Methods for Recovery of Target Nucleic Acids from Heterogeneous Biological Samples	US 10/758,693	1/15/2004

Title or Subject Matter	Application/Patent No.	Filing Date
Devices and Methods for Recovery of Target Nucleic Acids from Heterogeneous Biological Samples	PCT/US04/001041	1/15/2004
Slotted Gel	US 60/067,556	12/5/1997
Slotted Gel	US 09/206,173	12/4/1998
Slotted Gel	US 10/087,221	3/1/2002
Slotted Gel	PCT/US98/025780	12/4/1998
Purification and Detection Processes Using Reversible Affinity Electrophoresis	PCT/US99/004849	3/3/1999
Purification and Detection Processes Using Reversible Affinity Electrophoresis	AU 28963/99	3/3/1999
Purification and Detection Processes Using Reversible Affinity Electrophoresis	CA 2322975	3/3/1999
Purification and Detection Processes Using Reversible Affinity Electrophoresis	EP 99909853.6	3/3/1999
Purification and Detection Processes Using Reversible Affinity Electrophoresis	JP 2000-534862	3/3/1999
Purification and Detection Processes Using Reversible Affinity Electrophoresis	US 60/076,614	3/3/1998
Purification and Detection Processes Using Reversible Affinity Electrophoresis	US 09/261,363	3/3/1999
Methods of Detecting Microorganism Using Immobilized Probes	AU 41898/00	3/31/2000
Methods of Detecting Microorganism Using Immobilized Probes	CA 2371732	3/31/2000
Methods of Detecting Microorganism Using Immobilized Probes	EP 00921605.2	3/31/2000
Methods of Detecting Microorganism Using Immobilized Probes	JP 2000-609609	3/31/2000
Methods of Detecting Microorganism Using Immobilized Probes	US 09/286,091	4/2/1999
Methods of Detecting Microorganism Using Immobilized Probes	US 09/968,282	10/1/2001
Methods of Detecting Microorganism Using Immobilized Probes	PCT/US00/008773	3/31/2000
Electrophoretic Analysis of Target Molecules Using Adapter Molecules	AU 40539/00	3/31/2000
Electrophoretic Analysis of Target Molecules Using Adapter Molecules	CA 2371727	3/31/2000
Electrophoretic Analysis of Target Molecules Using Adapter Molecules	EP 00919931.6	3/31/2000
Electrophoretic Analysis of Target Molecules Using Adapter Molecules	JP 2000-609607	3/31/2000
Electrophoretic Analysis of Target Molecules Using Adapter Molecules	US 09/285,380	4/2/1999
Electrophoretic Analysis of Target Molecules Using Adapter Molecules	US 09/968,084	10/1/2001

Title or Subject Matter	Application/Patent No.	Filing Date
Electrophoretic Analysis of Target Molecules Using Adapter Molecules	PCT/US00/008529	3/31/2000
Method of Separating and Detecting Nucleic Acid Using a Thin Gel and an Apparatus Therefor	AU 31028/01	1/18/2001
Method of Separating and Detecting Nucleic Acid Using a Thin Gel and an Apparatus Therefor	CA 2397883	1/18/2001
Method of Separating and Detecting Nucleic Acid Using a Thin Gel and an Apparatus Therefor	EP 01903178.0	1/18/2001
Method of Separating and Detecting Nucleic Acid Using a Thin Gel and an Apparatus Therefor	JP 2001-554055	1/18/2001
Method of Separating and Detecting Nucleic Acid Using a Thin Gel and an Apparatus Therefor	US 60/176,839	1/19/2000
Method of Separating and Detecting Nucleic Acid Using a Thin Gel and an Apparatus Therefor	US 09/766,880	1/19/2001
Method of Separating and Detecting Nucleic Acid Using a Thin Gel and an Apparatus Therefor	PCT/US01/01963	1/18/2001
Repetitive Reversed-Field Affinity Electrophoresis and Uses Therefor	CA 2586515	11/5/2004
Repetitive Reversed-Field Affinity Electrophoresis and Uses Therefor	EP 04810391.5	11/5/2004
Repetitive Reversed-Field Affinity Electrophoresis and Uses Therefor	JP 2006-538501	11/5/2004
Repetitive Reversed-Field Affinity Electrophoresis and Uses Therefor	US 60/517,623	11/5/2003
Repetitive Reversed-Field Affinity Electrophoresis and Uses Therefor	US 60/530,461	12/16/2003
Repetitive Reversed-Field Affinity Electrophoresis and Uses Therefor	US 10/982733 US 7,767,468	11/5/2004
Repetitive Reversed-Field Affinity Electrophoresis and Uses Therefor	PCT/US04/036904	11/5/2004
Electrophoretic Capture Methods and Apparatus	US 60/979,005	10/10/2007
Devices and Methods for Distributing a Sample Along a Pathway	US 61/113,906	11/12/2008
Devices and Methods for Distributing a Sample Along a Pathway	US 12/617,154	11/12/2009
Stool Specimen Collector	US 09/303,988	5/3/1999
Stool Specimen Collector	CA 2372145	5/3/1999
Stool Specimen Collector	US 6,351,857	3/13/2001
Stool Specimen Collector	US 6,415,455	12/17/2001
Stool Specimen Collector	PCT/US00/11297	5/3/1999
Device and Method for Preparing a Sample for Analysis	CA 2401819	2/27/2001
Device and Method for Preparing a Sample for Analysis	AU 2001239886	2/27/2001
Device and Method for Preparing a Sample for Analysis	EP 01914503.6	2/27/2001
Device and Method for Preparing a Sample for Analysis	US 09/514,559	2/28/2000

Title or Subject Matter	Application/Patent No.	Filing Date
Device and Method for Preparing a Sample for Analysis	PCT/US01/006118	2/27/2001
Assays for Detection of Colorectal Cancer	US 09/468,670	12/21/1999
METHODS OF DETECTING COLORECTAL DISEASE	AU 767833	5/18/2000
Assays for Detection of Colorectal Cancer	CA 2372667	5/18/2000
Assays for Detection of Colorectal Cancer	EP 00932573.9	5/18/2000
Assays for Detection of Colorectal Cancer	JP 2000-618501	5/18/2000
Assays for Detection of Colorectal Cancer	US 60/134,711	1/10/1999
Assays for Detection of Colorectal Cancer	PCT/US00/13655	5/18/2000
Methods for Detecting Grading or Monitoring an H. Pylori Infection	US 6,911,308	1/5/2001
Methods for Detecting Grading or Monitoring an H. Pylori Infection	US 11/170,728	6/28/2005
Methods for Detecting Grading or Monitoring an H. Pylori Infection	PCTUS02/00267	1/4/2002
Rapid Detection of Non-Viral Organisms with SRP RNA	AU 2003-203938	6/18/1999
Rapid Detection of Non-Viral Organisms with SRP RNA	AU 762049	6/18/1999
Rapid Detection of Non-Viral Organisms with SRP RNA	CA 2330732	6/18/1999
Rapid Detection of Non-Viral Organisms with SRP RNA	EP 99928796.4	6/18/1999
Rapid Detection of Non-Viral Organisms with SRP RNA	JP 2000-554886	6/18/1999
Rapid Detection of Non-Viral Organisms with SRP RNA	PCT/US99/13799	6/18/1999
Rapid Detection of Non-Viral Organisms with SRP RNA	US 09/336,609	6/18/1999
Rapid Detection of Non-Viral Organisms with SRP RNA	US 10/024,944	12/19/2001
Rapid Detection of Non-Viral Organisms with SRP RNA	US 10/721,157	11/25/2003
Rapid Detection of Non-Viral Organisms with SRP RNA	US 11/897,258	8/28/2007
Rapid Detection of Non-Viral Organisms with SRP RNA	US 60/090,063	6/19/1998
Automated Sample Preparation Methods and Devices	AU 2002352858	11/20/2002
Automated Sample Preparation Methods and Devices	CA 2467248	11/20/2002
Automated Sample Preparation Methods and Devices	EP 1456648	11/20/2002
Automated Sample Preparation Methods and Devices	DE 1456648	11/20/2002
Automated Sample Preparation Methods and Devices	FR 1456648	11/20/2002
Automated Sample Preparation Methods and Devices	GB 1456648	11/20/2002
Automated Sample Preparation Methods and Devices	NL 1456648	11/20/2002
Automated Sample Preparation Methods and Devices	JP 2003-545838	11/20/2002

Title or Subject Matter	Application/Patent No.	Filing Date
Automated Sample Preparation Methods and Devices	US 60/331,654	11/20/2001
Automated Sample Preparation Methods and Devices	US 10/301,505	11/20/2002
Automated Sample Preparation Methods and Devices	PCT/US02/37452	11/20/2002
Methods of Screening for Disease	US 09/859,990	5/17/2001
Methods of Screening for Disease	PCT/US09/05880	2/28/2002
Digital Sequence Analysis of DNA Methylation	US 61/438,649	2/2/2011
Digital Sequence Analysis of DNA Methylation	US 13/364,978 US 9,637,792	2/2/2012
Digital Sequence Analysis of DNA Methylation	PCT/US12/23646	2/2/2012
Digital Sequence Analysis of DNA Methylation	US 15/278,697	9/28/2016
Digital Sequence Analysis of DNA Methylation	AU 2012212127	2/2/2012
Digital Sequence Analysis of DNA Methylation	CA 2826696	2/2/2012
Digital Sequence Analysis of DNA Methylation	CN 201280016745.6	2/2/2012
Digital Sequence Analysis of DNA Methylation	EP 12742758.1	2/2/2012
Digital Sequence Analysis of DNA Methylation	JP 2013-552632	2/2/2012
Sample Collection Device	US 61/476,707	4/18/2011
Sample Collection Device	US 13/449878 US 8,960,026	4/18/2012
Magnetic Microparticle Localization Device	US 13/089,116	4/18/2011
Stool Specimen Collection System	US 61/495,847	6/10/2011
Stool Specimen Collection System	US 13/491,983	6/8/2012
Modification of DNA on Magnetic Beads	US 61/592,272	1/30/2012
Modification of DNA on Magnetic Beads	US 13/754,631 US 9,315,853	1/30/2013
Modification of DNA on Magnetic Beads	US 15/068,121	3/11/2016
Modification of DNA on Magnetic Beads	PCT/US13/23908	1/30/2013
Modification of DNA on Magnetic Beads	AU 2013215159	1/30/2013
Modification of DNA on Magnetic Beads	CA 2863215	1/30/2013
Modification of DNA on Magnetic Beads	EP 13743659.8	1/30/2013
Nucleic Acid Reaction Normalization	US 61/705,603	9/25/2012
Nucleic Acid Reaction Normalization	US 14/036,649 US 9,212,392	9/25/2013
Nucleic Acid Reaction Normalization	US 14/939,651 US 2016/0060683A 1	11/12/2015
Treatment of a Sample Vessel	US 61/758,696	1/30/2013
Treatment of a Sample Vessel	PCT/US14/13844	1/30/2014
Treatment of a Sample Vessel	US 14/764,716	7/30/2014
Multiple-Control Calibrators for DNA Quantitation	US 61/899,302	11/5/2013
Multiple-Control Calibrators for DNA Quantitation	PCT/US14/63875	11/4/2014
Multiple-Control Calibrators for DNA Quantitation	US 15/033,803	5/2/2016
Synthetic Nucleic Acid Control Molecules	US 61/918349	12/19/2013
Synthetic Nucleic Acid Control Molecules	PCT/US14/71460	12/19/2014

Title or Subject Matter	Application/Patent No.	Filing Date
Synthetic Nucleic Acid Control Molecules	US 15/105,178	6/16/2016
Synthetic Nucleic Acid Control Molecules	EP 14872569.0	12/19/2014
Systems, Methods, and Kits for Extracting Nucleic Acid From Gastric Fluids	US 62/023,784	7/11/2014
Systems, Methods, and Kits for Extracting Nucleic Acid From Digestive Fluids	US 14/798,021	7/13/2015
Methods and Compositions for Performing Methylation Assays	US 62/091,069	12/12/2014
Methods and Compositions for Detecting Metastasis (EX. Amanda Haney)	US 14/967,082	12/11/2015
Methods and Compositions for Performing Methylation Detection Assays	PCT/US15/65272	12/11/2015
Control nucleic acids from non-human organisms (zebrafish DNA)	US 62/364,049	7/19/2016
Control nucleic acids from non-human organisms (zebrafish DNA)	PCT/US17/42842	7/19/2017
Multiplex Amplification Detection Assay	US 62/249,097	10/30/2015
Multiplex Amplification Detection Assay	US 15/335,096	10/26/2016
Multiplex Amplification Detection Assay And Isolation And Detection of DNA from Plasma	PCT/US16/58875	10/26/2016
Methods and Compositions for Performing Methylation Assays (Methylated tissue cell markers; IBD inflammation detection)	US 62/091,053	12/11/2015
Methods and Compositions for Performing Methylation Detection Assays (EX. Jeanine Goldberg)	US 14/966,938	12/11/2015
Methods and Compositions for Performing Methylation Detection Assays	PCT/US15/65334	12/11/2015
Compositions and Methods for Detecting Epithelial Cell DNA (same spec as 33905/WO-1/ORD) EX. Amanda Haney	US 14/966,617	12/11/2015
Compositions and Methods for Performing Methylation Detection Assays (B3GALT6)	US 62/364,082	7/19/2016
Methylated Control DNA (B3GALT6)	PCT/US17/42902	7/19/2017
Detection Of Lung Neoplasia By Amplification Of RNA Sequences	US 62/332,419	5/5/2016
Detection Of Lung Neoplasia By Amplification Of RNA Sequences	US 15/587,806	5/5/2017
Detection of Lung Neoplasia by Analysis of Methylated DNA	US 62/332,295	5/5/2016
Detection of Lung Neoplasia by Analysis of Methylated DNA	15/471,337	3/28/2017
Detection of Lung Neoplasia by Analysis of Methylated DNA	PCT/US2017/024468	3/28/2017
Detection of Lung Neoplasia by Analysis of Methylated DNA II	US 62/462,677	2/23/2017
Detection of colorectal neoplasia	US 62/451,327	1/27/2017
Isolation and Detection of DNA from Plasma	US 15/335,111	10/26/2016

Title or Subject Matter	Application/Patent No.	Filing Date
NDRG4-Family Methylation Markers	US 60/879,332	1/9/2007
Improved sample processing and related methods	US 60/960,130	9/17/2007
Improved Methods for Detecting Epigenetic Modifications	US 60/978,261	10/8/2017
Methods For Detecting Epigenetic Modifications	US 12/522,648 US 8,969,046	1/7/1900
Methods For Detecting Methylation Of The Promoter Of The NDRG4 Gene In DNA Obtained From A Fecal Sample	US 14/613,574	2/4/2015
Epigenetic Change In Selected Genes And Cancer	PCT/GB2008/000056	1/9/2008
Epigenetic Change In Selected Genes And Cancer	CA 2674988	
Epigenetic Change In Selected Genes And Cancer	CN 2008800007698.2	1/9/2008
Epigenetic Change In Selected Genes And Cancer [FOXEl]	EP 080700153	1/9/2008
Epigenetic Change In Selected Genes And Cancer	EP 13156618.4 EP 2650377	1/9/2008
Epigenetic Change In Selected Genes And Cancer	BE 2650377	1/9/2008
Epigenetic Change In Selected Genes And Cancer	CH 2650377	1/9/2008
Epigenetic Change In Selected Genes And Cancer	DE 60 2008 048 079.8	1/9/2008
Epigenetic Change In Selected Genes And Cancer	FR 2650377	1/9/2008
Epigenetic Change In Selected Genes And Cancer	GB 2650377	1/9/2008
Epigenetic Change In Selected Genes And Cancer	IT 2650377	1/9/2008
Epigenetic Change In Selected Genes And Cancer	NL 2650377	1/9/2008
Epigenetic Change In Selected Genes And Cancer	GB 700374.2	1/9/2007
Epigenetic Change In Selected Genes And Cancer	JP 2009545222 JP 5721950	1/9/2008
Epigenetic Change In Selected Genes And Cancer	JP 2015062366	3/3/2015
Methods Of Detecting Colorectal Cancer	US 61/149,581	2/3/2009
Methods Of Detecting Colorectal Cancer	US 13/147,570	3/12/2012
Systems, Kits, and Tests for Detecting Colorectal Cancer	US 15/010,436	1/29/2016
Methods Of Detecting Colorectal Cancer	US 15/634,607	6/27/2017
Methods Of Detecting Colorectal Cancer	PCT/GB2010/000180	2/3/2010
Methods Of Detecting Colorectal Cancer	CA 2751303	8/2/2011
Methods Of Detecting Colorectal Cancer	EP 10702339.2 EP 2394170	2/3/2010
Methods Of Detecting Colorectal Cancer	AT 2394170	2/3/2010
Methods Of Detecting Colorectal Cancer	BE 2394170	2/3/2010
Methods Of Detecting Colorectal Cancer	CH 2394170	2/3/2010
Methods Of Detecting Colorectal Cancer	DE 60 2010 023 565.3	2/3/2010
Methods Of Detecting Colorectal Cancer	DK 2394170	2/3/2010
Methods Of Detecting Colorectal Cancer	ES 2394170	2/3/2010
Methods Of Detecting Colorectal Cancer	FI 2394170	2/3/2010
Methods Of Detecting Colorectal Cancer	FR 2394170	2/3/2010
Methods Of Detecting Colorectal Cancer	GB 2394170	2/3/2010
Methods Of Detecting Colorectal Cancer	IE 2394170	2/3/2010
Methods Of Detecting Colorectal Cancer	LU 2394170	2/3/2010

Title or Subject Matter	Application/Patent No.	Filing Date
Methods Of Detecting Colorectal Cancer	NL 2394170	2/3/2010
Methods Of Detecting Colorectal Cancer	SE 2394170	2/3/2010
Methods of Detecting Hypermethylation	US 12/572,813	10/2/2009
Methods for Detecting Nucleic Acids Indicative of Cancer	AU 767983	4/7/2000
Methods for Detecting Nucleic Acids Indicative of Cancer	BE 1169479	4/7/2000
Methods for Detecting Nucleic Acids Indicative of Cancer	CA 2366778	4/7/2000
Methods for Detecting Nucleic Acids Indicative of Cancer	CH 1169479	4/7/2000
Methods for Detecting Nucleic Acids Indicative of Cancer	DE 1169479	4/7/2000
Methods for Detecting Nucleic Acids Indicative of Cancer	EP 009218939.7 EP 1169479	4/7/2000
Methods for Detecting Nucleic Acids Indicative of Cancer	EP 06013228.9	4/7/2000
Methods for Detecting Nucleic Acids Indicative of Cancer	ES 1169479	4/7/2000
Methods for Detecting Nucleic Acids Indicative of Cancer	FR 1169479	4/7/2000
Methods for Detecting Nucleic Acids Indicative of Cancer	GB 1169479	4/7/2000
Methods for Detecting Nucleic Acids Indicative of Cancer	IT 1169479	4/7/2000
Methods for Detecting Nucleic Acids Indicative of Cancer	NL 1169479	4/7/2000
Methods for Detecting Nucleic Acids Indicative of Cancer	JP 2000-611730	4/7/2000
Methods for Detecting Nucleic Acids Indicative of Cancer	JP 2010-121029	
Methods for Detecting Nucleic Acids Indicative of Cancer	US 60/128,629	4/9/1999
Methods for Detecting Nucleic Acids Indicative of Cancer	US 6,964,846	4/7/2000
Methods for Detecting Nucleic Acids Indicative of Cancer	US 11/090,479	3/23/2005
Methods for Detecting Nucleic Acids Indicative of Cancer	US 11/960,313	12/19/2007
Methods for Detecting Nucleic Acids Indicative of Cancer	US 12/729,051	3/10/2010
Methods for Detecting Nucleic Acids Indicative of Cancer	US 13/919,622	6/17/2013
Methods for Detecting Nucleic Acids Indicative of Cancer	PCT/US00/009263	4/7/2000
REAL TIME CLEAVAGE ASSAY	US 12/946,737 US 8,361,720	11/15/2010

Title or Subject Matter	Application/Patent No.	Filing Date
REAL TIME CLEAVAGE ASSAY	PCT/US11/59001 WO 2012/067831	11/2/2011
REAL TIME CLEAVAGE ASSAY	EP 11841038.0 EP 2640855	11/2/2011
REAL TIME CLEAVAGE ASSAY	DE 2640855	11/3/2011
REAL TIME CLEAVAGE ASSAY	ES 2640855	11/4/2011
REAL TIME CLEAVAGE ASSAY	FR 2640855	11/5/2011
REAL TIME CLEAVAGE ASSAY	GB 2640855	11/6/2011
REAL TIME CLEAVAGE ASSAY	IE 2640855	11/7/2011
REAL TIME CLEAVAGE ASSAY	IT 2640855	11/8/2011
REAL TIME CLEAVAGE ASSAY	CA 2811094	11/2/2011
REAL TIME CLEAVAGE ASSAY	AU 2011329376	11/2/2011
REAL TIME CLEAVAGE ASSAY	CN 201180051070.4	11/2/2011
REAL TIME CLEAVAGE ASSAY	US 13/720,757 US 9,290,797	12/19/2012
REAL TIME CLEAVAGE ASSAY	US 15/019,758	2/9/2016
REAL TIME CLEAVAGE ASSAY	US 15/068,364	3/11/2016
METHYLATION ASSAY	US 12/946,745 US 8,916,344	11/15/2010
METHYLATION ASSAY	PCT/US11/58997 WO 2012/067830	11/2/2011
METHYLATION ASSAY	EP 11842202.1 EP 2640858B1	11/2/2011
METHYLATION ASSAY	CA 2811101	11/2/2011
METHYLATION ASSAY	AU 2011329375	11/2/2011
METHYLATION ASSAY	CN 201180053027.1 CN 103415625B	11/2/2011
METHYLATION ASSAY	US 14/539,841	11/12/2014
MUTATION DETECTION ASSAY	US 12/946,752 US 8,715,937	11/15/2010
MUTATION DETECTION ASSAY	US 14/214,508 US 9,024,006	3/14/2014
MUTATION DETECTION ASSAY	US 14/228,039 US 9,121,071	3/27/2014
MUTATION DETECTION ASSAY	US 14/228,058 US 9376721	3/28/2014
MUTATION DETECTION ASSAY	US 15/165,853	5/26/2016
MUTATION DETECTION ASSAY	PCT/US11/58993 WO 2012/067828	11/2/2011
MUTATION DETECTION ASSAY	EP 11841491.1	11/2/2011
MUTATION DETECTION ASSAY	CA 2811104	11/2/2011
MUTATION DETECTION ASSAY	AU 2011329373	11/2/2011
MUTATION DETECTION ASSAY	CN 201180053023.3 CN 103201394B	11/2/2011

Title or Subject Matter	Application/Patent No.	Filing Date
MUTATION DETECTION ASSAY	CN 201510893634	11/2/2011
MULTIPLEXED KRAS MUTATION DETECTION ASSAY	US 61/548,639	10/18/2011
MULTIPLEXED KRAS MUTATION DETECTION ASSAY	US 13/594,674 US 9,127,318	8/24/2012
MULTIPLEXED KRAS MUTATION DETECTION ASSAY	US 14/811,266	7/28/2015
MULTIPLEXED KRAS MUTATION DETECTION ASSAY	PCT/US2012/052377 WO 2013/058868	8/24/2012
MULTIPLEXED KRAS MUTATION DETECTION ASSAY	EP 2748339 A2 EP20120841997	8/24/2012
MULTIPLEXED KRAS MUTATION DETECTION ASSAY	CA 2849020 A1	8/24/2012
MULTIPLEXED KRAS MUTATION DETECTION ASSAY	AU 2014100267	3/20/2014
Supracolonic Aerodigestive Neoplasm Detection	US 7,368,233	12/7/2000
Supracolonic Aerodigestive Neoplasm Detection	US 12/042988 US 7,981,612	3/5/2008
Supracolonic Aerodigestive Neoplasm Detection	PCT/US00/42683	12/7/2000
Detecting Neoplasm	PCT/US2014/024589	3/12/2014
Detecting Neoplasm	AU 2014244608	3/12/2014
Detecting Neoplasm	CA 2902916	3/12/2014
Detecting Neoplasm	CN 201480015389.5	3/12/2014
Detecting Neoplasm	EP 14776150.6	3/12/2014
Detecting Neoplasm	US 14/775,435	9/11/2015
Detecting Colorectal Neoplasm	US 14/669,834	3/26/2015
Detecting Colorectal Neoplasm	PCT/US2015/022751	3/26/2015
Detecting Colorectal Neoplasm	EP 15772326.3	3/26/2015
Detecting Colorectal Neoplasm	CN 201580021610.2	3/26/2015
Detecting Colorectal Neoplasm	PCT/US2015/022749	3/26/2015
Detecting Colorectal Neoplasm	US 15/301 227	9/30/2016
Detecting Colorectal Neoplasm	EP 15774156.2	3/26/2015
Detecting esophageal disorders	US 62/139,243	3/27/2015
Detecting esophageal disorders	PCT/US16/23782	3/23/2016
Detecting esophageal disorders	US 15/550,703	8/11/2017
Detecting gastric neoplasm	US 15/252,966	8/31/2016
Detecting gastric neoplasm	PCT/US16/49653	8/31/2016
Detecting Hepatocellular Carcinoma	US 62/383,165	9/2/2016
Detecting Hepatocellular Carcinoma	US 15/694,300	9/1/2017
Detecting Hepatocellular Carcinoma	PCT/US17/49915	9/1/2017
Detecting Prostate Cancer	US 62/464,800	2/28/2017