

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4651317

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AGILENT TECHNOLOGIES SINGAPORE HOLDINGS PTE. LTD.	07/21/2017

RECEIVING PARTY DATA

Name:	AGILENT TECHNOLOGIES, INC.
Street Address:	5301 STEVENS CREEK BLVD
Internal Address:	MS 1A-PB
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95051

PROPERTY NUMBERS Total: 32

Property Type	Number
Application Number:	11176927
Application Number:	12111043
Application Number:	13211125
Application Number:	13425215
Application Number:	13466883
Application Number:	13466894
Application Number:	13852943
Application Number:	14630566
Application Number:	14920563
Application Number:	06003689
Application Number:	11656830
Application Number:	12419138
Application Number:	60761578
Application Number:	60775098
Application Number:	60824456
Application Number:	07001796
Application Number:	60777661
Application Number:	60779540
Application Number:	60791561

PATENT

Property Type	Number
Application Number:	13237124
Application Number:	13852887
Application Number:	13853974
Application Number:	13853968
Application Number:	13853971
Application Number:	13853981
Application Number:	14273197
Application Number:	15499760
Application Number:	61385001
Application Number:	61432119
Application Number:	14380697
Application Number:	15499753
Application Number:	61604360

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.

Phone: 4085532191
Email: IPOPS.LEGAL@AGILENT.COM
Correspondent Name: DANIEL MICHALEK
Address Line 1: 5301 STEVENS CREEK BLVD
Address Line 2: MS 1A-PB
Address Line 4: SANTA CLARA, CALIFORNIA 95051

NAME OF SUBMITTER:	DANIEL L. MICHALEK
SIGNATURE:	/Daniel L. Michalek/
DATE SIGNED:	10/20/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5

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ASSIGNMENT OF PATENT RIGHTS

THIS ASSIGNMENT OF PATENT RIGHTS ("Assignment"), effective as of July 21, 2017 ("Effective Date"), is executed, acknowledged and entered into by Agilent Technologies Singapore (Holdings) Pte. Ltd (Company Registration No: 200309822Z), a company incorporated under the laws of Singapore whose registered office is at 6 Battery Road, Level 41, Singapore 049909 ("Assignor"), and Agilent Technologies, Inc., a company incorporated under the laws of Delaware, USA, and having offices at 5301 Stevens Creek Blvd., Santa Clara, CA 95051 ("Assignee").

"Assigned Patents" means, all: (a) provisional patent applications, patent applications, and patents listed on Schedule A hereto ("Listed Patents"); (b) patents or patent applications (provisional and non-provisional) (i) from which any of the Listed Patents claims priority, (ii) for which any of the Listed Patents forms a basis for priority, (c) reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, and registrations of any item in any of the foregoing categories (a) and (b); (d) national (of any country of origin) and multinational patents, patent applications and counterparts included in any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention and utility models; (e) patent rights provided by multinational treaties or conventions for any item in any of the foregoing categories (a) through (d); and (f) any item in any of the foregoing categories (b) through (d) whether or not expressly listed as Listed Patents and whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor agrees to and does hereby irrevocably assign, transfer and convey unto said Assignee, and Assignee hereby accepts, all of Assignor's right, title, and interest: (i) in and to the Assigned Patents, the same to be held and enjoyed by said Assignee for its own use, and for the use of its successors, assigns, or other legal representatives to the end of the term or terms for which said Assigned Patents may be granted as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made; (ii) in and to inventions, invention disclosures and discoveries described in any of the Assigned Patents to the extent that such inventions, invention disclosures and discoveries could be claimed in any of the Assigned Patents, (iii) in and to rights to apply in any and all countries of the world for patents, certificates of invention and utility models, claiming any inventions, invention disclosures and discoveries could be claimed in any of the Assigned Patents; (iv) in and to causes of action (whether known or unknown or whether currently pending, filed or otherwise) and other enforcement rights under, or on account of, any of the Assigned Patents and/or the rights described in (iii), including, without limitation, all causes of action and other enforcement rights for damages, injunctive relief and any other remedies of any kind for past, current and future infringement of the Assigned Patents; and (v) rights to collect royalties or other payments under or on account of any of the Assigned Patents and/or any of the foregoing.

Assignor also hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents or certificates of invention which may be granted upon any of the Assigned Patents in the name of Assignee, as the assignee to the entire interest therein.

This Assignment shall be binding upon and shall inure to the benefit of the parties and their respective successors and assigns.

This Assignment shall be governed by, and construed in accordance with, the laws of the United States in respect to patent issues and in all other respects by the laws of the State of California, without giving effect to the conflict of laws rules thereof.

IN WITNESS WHEREOF, the parties have caused this Assignment to be executed by their respective duly authorized representatives with effect as of the Effective Date:

ASSIGNOR:

AGILENT TECHNOLOGIES SINGAPORE (HOLDINGS) PTE. LTD

By: 

Name: Chee Eng Chuan, Charles

Title: Director

Date: August 18, 2017

ASSIGNEE:

AGILENT TECHNOLOGIES, INC.

By: 

Name: Michael Tang

Title: Senior Vice President, General Counsel and Secretary

Date: 8/25/2017

SCHEDULE A to ASSIGNMENT OF PATENT RIGHTS

LISTED PATENTS

Title	CNTRY	Serial #	Patent #	Issue Date	Status
Methods and Compositions for Tagging and Identifying Polynucleotides	US	11/176,927	7,393,665	7/1/2009	ISSUED
Methods and Compositions for Tagging and Identifying Polynucleotides	US	12/111,043	8,148,068	4/3/2012	ISSUED
Methods and Compositions for Tagging and Identifying Polynucleotides	US	13/211,125	8,168,385	5/1/2012	ISSUED
Methods and Compositions for Tagging and Identifying Polynucleotides	US	13/435,215	8,318,433	11/27/2012	ISSUED
Methods and Compositions for Tagging and Identifying Polynucleotides	US	13/466,881	8,476,018	7/2/2013	ISSUED
Methods and Compositions for Tagging and Identifying Polynucleotides	US	13/466,894	8,470,996	6/25/2013	ISSUED
Methods and Compositions for Tagging and Identifying Polynucleotides	US	13/851,943	8,018,365	4/28/2015	ISSUED
Methods and Compositions for Tagging and Identifying Polynucleotides	US	14/630,565	8,194,001	11/24/2015	ISSUED
Methods and Compositions for Tagging and Identifying Polynucleotides	US	14/920,563			ABANDONED
Methods and Compositions for Tagging and Identifying Polynucleotides	DE	06734218.8	602006039040.8	10/30/2013	ISSUED
Methods and Compositions for Tagging and Identifying Polynucleotides	EP	06734218.8	1848827	10/30/2013	ISSUED
Methods and Compositions for Tagging and Identifying Polynucleotides	FR	06734218.8	1848827	10/30/2013	ISSUED
Methods and Compositions for Tagging and Identifying Polynucleotides	GR	06734218.8	1848827	10/30/2013	ISSUED
Methods and Compositions for Tagging and Identifying Polynucleotides	WO	US2006/003689			NAT PHASED
Molecular Counting	US	11/656,830	7,537,897	5/26/2009	ISSUED
Molecular Counting	US	12/419,138			ABANDONED
Molecular Counting	US	60/761,578			EXPIRED
Molecular Counting	US	60/775,098			EXPIRED
Nucleic Acid Sequence Analysis by Interspersed Adapters	US	60/821,456			EXPIRED
Molecular Counting	WO	US2007/001796			INACTIV
Digital Copy Number Measurements	US	60/777,661			EXPIRED
Digital Copy Number Measurements	US	60/779,540			EXPIRED
Digital Copy Number Measurements	US	60/791,561			EXPIRED
Increasing Confidence of Allele Calls with Molecular Counting	US	13/237,124	8,481,292	7/9/2013	ISSUED
Increasing Confidence of Allele Calls with Molecular Counting	AT	13164430.4	2623613	7/6/2016	ISSUED
Increasing Confidence of Allele Calls with Molecular Counting	BE	13164430.4	2623613	7/6/2016	ISSUED
Increasing Confidence of Allele Calls with Molecular Counting	CA	2811185			PENDING
Increasing Confidence of Allele Calls with Molecular Counting	CH	13164430.4	2623613	7/6/2016	ISSUED

Title	CNTRY	Serial #	Patent #	Issue Date	Status
Increasing Confidence of Allele Calls with Molecular Counting	CN	201180049727.3			PENDING
Increasing Confidence of Allele Calls with Molecular Counting	US	13/852,887	8,685,678	4/1/2014	ISSUED
Method for Preparing a Counter-Tagged Population of Nucleic Acid Molecules	US	13/853,974	8,722,368	5/13/2014	ISSUED
Method of Adding a DBR by Primer Extension	US	13/853,968	8,728,766	5/28/2014	ISSUED
Method of Tagging Using a Split DBR	US	13/853,971	8,741,606	6/3/2014	ISSUED
Method for Accurately Counting Starting Molecules	US	13/853,981	8,715,967	5/6/2014	ISSUED
Increased Confidence of Allele Calls with Molecular Counting	US	14/273,197	9,670,536	6/6/2017	ISSUED
Increasing Confidence of Allele Calls with Molecular Counting	US	15/499,760			PENDING
Increasing Confidence of Allele Calls with Molecular Counting	DE	11810645.9	2619327	10/22/2014	ABANDONED
Increasing Confidence of Allele Calls with Molecular Counting	DE	13164430.4	602011028031.7	7/6/2016	ISSUED
Increasing Confidence of Allele Calls with Molecular Counting	DK	13164430.4	2623613	7/6/2016	ISSUED
Increasing Confidence of Allele Calls with Molecular Counting	EP	11810645.9	2619327	10/22/2014	ABANDONED
Increasing Confidence of Allele Calls with Molecular Counting	EP	13164430.4	2623613	7/6/2016	ISSUED
Increasing Confidence of Allele Calls with Molecular Counting	EP	16170857.3			PENDING
Increasing Confidence of Allele Calls with Molecular Counting	ES	11810645.9	2619327	10/22/2014	ABANDONED
Increasing Confidence of Allele Calls with Molecular Counting	ES	13164430.4	2623613	7/6/2016	ISSUED
Increasing Confidence of Allele Calls with Molecular Counting	FR	11810645.9	2619327	10/22/2014	ABANDONED
Increasing Confidence of Allele Calls with Molecular Counting	FR	13164430.4	2623613	7/6/2016	ISSUED
Increasing Confidence of Allele Calls with Molecular Counting	GB	11810645.9	2619327	10/22/2014	ABANDONED
Increasing Confidence of Allele Calls with Molecular Counting	GB	13164430.4	2623613	7/6/2016	ISSUED
Increasing Confidence of Allele Calls with Molecular Counting	IE	13164430.4	2623613	7/6/2016	ISSUED
Increasing Confidence of Allele Calls with Molecular Counting	IT	11810645.9	2619327	10/22/2014	ABANDONED
Increasing Confidence of Allele Calls with Molecular Counting	IT	13164430.4	2623613	9/7/2016	ISSUED
Increasing Confidence of Allele Calls with Molecular Counting	JP	2013-528790	5992911	8/26/2016	ISSUED
Increasing Confidence of Allele Calls with Molecular Counting	JP	2016-160843			PENDING
Increasing Confidence of Allele Calls with Molecular Counting	NL	13164430.4	2623613	7/6/2016	ISSUED
Increasing Confidence of Allele Calls with Molecular Counting	US	61/385,001			EXPIRED
Increasing Confidence of Allele Calls with Molecular Counting	US	61/432,119			EXPIRED
Increasing Confidence of Allele Calls with Molecular Counting	PT	13164430.4	2623613	7/6/2016	ISSUED
Increasing Confidence of Allele Calls with Molecular Counting	SE	13164430.4	2623613	7/6/2016	ISSUED
Increasing Confidence of Allele Calls with Molecular Counting	WO	182011/003160			NAT PHASED

Title	CNTRY	Serial #	Patent #	Issue Date	Status
Method for Attaching a Counter Sequence to a Nucleic Acid Sample	US	14/380,697	9,670,529	6/6/2017	ISSUED
Method for Attaching a Counter Sequence to a Nucleic Acid Sample	US	15/499,753			PENDING
Method for Attaching a Counter Sequence to a Nucleic Acid Sample	EP	13721058.9			ISSUED
Method for Attaching a Counter Sequence to a Nucleic Acid Sample	EP	13721058.9			PENDING
Absolute and Relative Quantification of DNA Using Molecular Counting	US	61/604,360			EXPIRED
Method for Attaching a Counter Sequence to a Nucleic Acid Sample	WO	182013/000692			NAT PHASED