

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4161601

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOHN ALLEN TYNAN	07/12/2013
GRANT HOGG	07/12/2013
RECEIVING PARTY DATA	
Name:	SEQUENOM, INC.
Street Address:	3595 JOHN HOPKINS COURT
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15261457
CORRESPONDENCE DATA	
Fax Number:	(858)623-3224
<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:	858-623-3229
Email:	skwiatkowski@grantip.com
Correspondent Name:	GRANT IP INC. C/O CPA GLOBAL
Address Line 1:	900 SECOND AVE SOUTH
Address Line 2:	SUITE 600
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402
ATTORNEY DOCKET NUMBER:	SEQ-6022-CT5
NAME OF SUBMITTER:	GARY H. SILVERSTEIN
SIGNATURE:	/Gary Silverstein/
DATE SIGNED:	11/29/2016
Total Attachments: 20	
source=SEQ-6022-UT2_Corrected Assignment_2016#page1.tif	
source=SEQ-6022-UT2_Corrected Assignment_2016#page2.tif	
source=SEQ-6022-UT2_Corrected Assignment_2016#page3.tif	
source=SEQ-6022-UT2_Corrected Assignment_2016#page4.tif	

source=SEQ-6022-UT2_Corrected Assignment_2016#page5.tif
source=SEQ-6022-UT2_Corrected Assignment_2016#page6.tif
source=SEQ-6022-UT2_Corrected Assignment_2016#page7.tif
source=SEQ-6022-UT2_Corrected Assignment_2016#page8.tif
source=SEQ-6022-UT2_Corrected Assignment_2016#page9.tif
source=SEQ-6022-UT2_Corrected Assignment_2016#page10.tif
source=SEQ-6022-UT2_Corrected Assignment_2016#page11.tif
source=SEQ-6022-UT2_Corrected Assignment_2016#page12.tif
source=SEQ-6022-UT2_Corrected Assignment_2016#page13.tif
source=SEQ-6022-UT2_Corrected Assignment_2016#page14.tif
source=SEQ-6022-UT2_Corrected Assignment_2016#page15.tif
source=SEQ-6022-UT2_Corrected Assignment_2016#page16.tif
source=SEQ-6022-UT2_Corrected Assignment_2016#page17.tif
source=SEQ-6022-UT2_Corrected Assignment_2016#page18.tif
source=SEQ-6022-UT2_Corrected Assignment_2016#page19.tif
source=SEQ-6022-UT2_Corrected Assignment_2016#page20.tif



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARCH 28, 2016

PTAS

ALEXANDRA WILLIAMSON
2714 LOKER AVE WEST, SUITE 110
CARLSBAD, CA 92010

503738474

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 03/15/2016

REEL/FRAME: 038102/0659
NUMBER OF PAGES: 16

BRIEF: CORRECTIVE ASSIGNMENT TO CORRECT THE STATE OF INCORPORATION OF THE ASSIGNEE INSIDE THE ASSIGNMENT PREVIOUSLY RECORDED AT REEL: 031735 FRAME: 0766. ASSIGNOR(S) HEREBY CONFIRMS THE ASSIGNMENT.

DOCKET NUMBER: SEQ-6022-UT2

ASSIGNOR:

TYNAN, JOHN ALLEN

DOC DATE: 07/12/2013

ASSIGNOR:

HOGG, GRANT

DOC DATE: 07/12/2013

ASSIGNEE:

SEQUENOM, INC.
3595 JOHN HOPKINS COURT
SAN DIEGO, CALIFORNIA 92121

APPLICATION NUMBER: 13940162

FILING DATE: 07/11/2013

PATENT NUMBER:

ISSUE DATE:

TITLE: PROCESSES AND COMPOSITIONS FOR METHYLATION-BASED ENRICHMENT OF FETAL NUCLEIC ACID FROM A MATERNAL SAMPLE USEFUL FOR NON-INVASIVE PRENATAL DIAGNOSES

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3785117

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the STATE OF INCORPORATION OF ASSIGNEE. SEE ATTACHED DECLARATION FOR CORRECTION OF STATE OF INCORPORATION OF ASSIGNEE previously recorded on Reel 031735 Frame 0766. Assignor(s) hereby confirms the SEE ATTACHED DECLARATION.

CONVEYING PARTY DATA

Name	Execution Date
JOHN ALLEN TYNAN	07/12/2013
GRANT HOGG	07/12/2013

RECEIVING PARTY DATA

Name:	SEQUENOM, INC.
Street Address:	3595 JOHN HOPKINS COURT
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13940162

CORRESPONDENCE DATA

Fax Number: (858)623-3224
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: 8586233240
Email: AWILLIAMSON@GRANTIP.COM
Correspondent Name: ALEXANDRA WILLIAMSON
Address Line 1: 2714 LOKER AVE WEST, SUITE 110
Address Line 4: CARLSBAD, CALIFORNIA 92010

ATTORNEY DOCKET NUMBER:	SEQ-6022-UT2
NAME OF SUBMITTER:	KARI A. DICKINSON
SIGNATURE:	/Kari A. Dickinson/
DATE SIGNED:	03/15/2016

Total Attachments: 17

source=SEQ-6022-UT2_Notice_of_Recordation_of_Assignment#page1.tif
 source=SEQ-6022-UT2_Notice_of_Recordation_of_Assignment#page2.tif



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECEMBER 9, 2013

PTAS

GARY H. SILVERSTEIN C/O PORTFOLIOIP
P.O. BOX 52050
MINNEAPOLIS, MN 55402

502594244

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 12/06/2013

REEL/FRAME: 031735/0766
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: SEQ-6022-UT2

ASSIGNOR:

TYNAN, JOHN ALLEN

DOC DATE: 07/12/2013

ASSIGNOR:

HOGG, GRANT

DOC DATE: 07/12/2013

ASSIGNEE:

SEQUENOM, INC.
3595 JOHN HOPKINS COURT
SAN DIEGO, CALIFORNIA 92121

APPLICATION NUMBER: 13940162

FILING DATE: 07/11/2013

PATENT NUMBER:

ISSUE DATE:

TITLE: PROCESSES AND COMPOSITIONS FOR METHYLATION-BASED ENRICHMENT OF FETAL NUCLEIC ACID FROM A MATERNAL SAMPLE USEFUL FOR NON-INVASIVE PRENATAL DIAGNOSES

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2640493

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>JOHN ALLEN TYNAN</td> <td>07/12/2013</td> </tr> <tr> <td>GRANT HOGG</td> <td>07/12/2013</td> </tr> </tbody> </table>		Name	Execution Date	JOHN ALLEN TYNAN	07/12/2013	GRANT HOGG	07/12/2013
Name	Execution Date						
JOHN ALLEN TYNAN	07/12/2013						
GRANT HOGG	07/12/2013						
RECEIVING PARTY DATA							
Name:	Sequenom, Inc.						
Street Address:	3595 John Hopkins Court						
City:	San Diego						
State/Country:	CALIFORNIA						
Postal Code:	92121						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13940162</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13940162		
Property Type	Number						
Application Number:	13940162						
CORRESPONDENCE DATA							
Fax Number:	(612)332-8352						
Phone:	8586233242						
Email:	aolivos@granllp.com						
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>							
Correspondent Name:	GARY H. SILVERSTEIN C/O PORTFOLIOIP						
Address Line 1:	P.O. BOX 52050						
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402						
ATTORNEY DOCKET NUMBER:	SEQ-6022-UT2						
NAME OF SUBMITTER:	GARY H. SILVERSTEIN, REG. NO. 39,372						
Signature:	/Gary Silverstein/						
Date:	12/06/2013						

OP \$40.00 13940162



United States Patent and Trademark Office

Home | Site Index | Search | Guides | Contacts | eBusiness | eBiz alerts | News | Help

*Electronic Patent Assignment System***Confirmation Receipt**

Your assignment has been received by the USPTO.
The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOHN ALLEN TYNAN	07/12/2013
GRANT HOGG	07/12/2013
RECEIVING PARTY DATA	
Name:	Sequenom, Inc.
Street Address:	3595 John Hopkins Court
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13940162

PATENT

CORRESPONDENCE DATA	
Fax Number:	(612)332-8352
Phone:	8586233242
Email:	aolivos@granllp.com
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>	
Correspondent Name:	GARY H. SILVERSTEIN C/O PORTFOLIOIP
Address Line 1:	P.O. BOX 52050
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402
ATTORNEY DOCKET NUMBER:	SEQ-6022-UT2
NAME OF SUBMITTER:	GARY H. SILVERSTEIN, REG. NO. 39,372
Signature:	/Gary Silverstein/
Date:	12/06/2013
Total Attachments: 4 source=SEQ-6022-UT2_ASSIGNMENT_signed#page1.tif source=SEQ-6022-UT2_ASSIGNMENT_signed#page2.tif source=SEQ-6022-UT2_ASSIGNMENT_signed#page3.tif source=SEQ-6022-UT2_ASSIGNMENT_signed#page4.tif	
RECEIPT INFORMATION	
EPAS ID:	PAT2640493
Receipt Date:	12/06/2013
Fee Amount:	\$40

[Return to home page](#)

| [HOME](#) | [INDEX](#) | [SEARCH](#) | [eBUSINESS](#) | [CONTACT US](#) | [PRIVACY STATEMENT](#)

PATENT

ASSIGNMENT AND AGREEMENT

WHEREAS, **John Allen TYNAN** of 12183 Briarleaf Way, San Diego, California 92128, USA; and **Grant HOGG** of 4158 Utah Street, Apartment 1, San Diego, California 92104 USA (hereinafter referred to singly and collectively as "Assignor") have invented a certain invention entitled **PROCESSES AND COMPOSITIONS FOR METHYLATION-BASED ENRICHMENT OF FETAL NUCLEIC ACID FROM A MATERNAL SAMPLE USEFUL FOR NON-INVASIVE PRENATAL DIAGNOSES** for which United States Patent Application No. 13/940,162 was filed on July 11, 2013; and

WHEREAS, **SEQUENOM, INC.**, a corporation duly organized and existing under the laws of the State of California, and having its principal place of business at 3595 John Hopkins Court, San Diego, California 92121, USA (hereinafter referred to as "Assignee") is desirous of acquiring the entire interest therein;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto Assignee, its successors, assigns and nominees, the full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof, (b) the above-identified application(s) and all other applications for patent and patents in any and all countries and jurisdictions for the above-identified invention or inventions and all improvements and modifications thereof, (c) all patents which may issue from said applications in any country or jurisdiction, (d) all divisions, continuations, reissues, and extensions of said applications and patents, and (e) the right to claim for any of said applications the full benefits and rights to priority resulting from filing any of the applications, including, without limitation, rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by Assignee, its successors, assigns and nominees, to the full end of the term or terms for which any and all such patents may be granted as fully and entirely as would have been held and enjoyed by Assignor had this Assignment not been made.

Assignor hereby authorizes and requests any official whose duty it is to issue patents to issue any patent on said invention, or improvement or modification thereof, or resulting therefrom, to Assignee as assignee of the entire interest, or its successors, assigns or nominees.

Assignor hereby agrees (a) to communicate to Assignee, its successors and assigns, or their representatives or agents, all facts and information known or available to Assignor respecting said invention or inventions, improvements, and modifications, including, without limitation, evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by Assignee; (b) to testify in person or by affidavit as required by Assignee, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by

Assignee, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and (d) to provide all reasonable assistance to Assignee, its successors, assigns and nominees, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

Assignor hereby represents and warrants that (a) Assignor has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein to Assignee; (b) Assignor has no obligation to sell, assign or transfer any right, title or interest herein to an entity other than Assignee; (c) that Assignor has not executed and will not execute any document or instrument in conflict herewith; (d) no consents of any other parties are necessary or appropriate under any agreements regarding the inventions, applications or patents described above for the assignment of Assignor's entire right, title and interest herein to be legally effective; and (e) to the best of Assignor's knowledge, upon consummation of this Agreement, Assignee will have good and marketable title to the inventions, applications and patents described above, free and clear of any and all encumbrances, pledges, security interests, licenses or charges of any nature whatsoever.

Assignor hereby grants to the law firm of **Grant Anderson LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Assignor understands and agrees that the attorneys and agents of the law firm of **Grant Anderson LLP** do not personally represent Assignor or Assignor's legal interests, but instead represent the interests of Assignee; since said attorneys and agents cannot provide legal advice to Assignor with respect to this Assignment, Assignor acknowledges its right to seek its own independent legal counsel.

[INTENTIONALLY LEFT BLANK]

ASSIGNMENT AND AGREEMENT

WHEREAS, **John Allen TYNAN** of 12183 Briarleaf Way, San Diego, California 92128, USA; and **Grant HOGG** of 4158 Utah Street, Apartment 1, San Diego, California 92104 USA (hereinafter referred to singly and collectively as "Assignor") have invented a certain invention entitled **PROCESSES AND COMPOSITIONS FOR METHYLATION-BASED ENRICHMENT OF FETAL NUCLEIC ACID FROM A MATERNAL SAMPLE USEFUL FOR NON-INVASIVE PRENATAL DIAGNOSES** for which United States Patent Application No. 13/940,162 was filed on July 11, 2013; and

WHEREAS, **SEQUENOM, INC.**, a corporation duly organized and existing under the laws of the State of ^{Delaware}California, and having its principal place of business at 3595 John Hopkins Court, San Diego, California 92121, USA (hereinafter referred to as "Assignee") is desirous of acquiring the entire interest therein;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto Assignee, its successors, assigns and nominees, the full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof, (b) the above-identified application(s) and all other applications for patent and patents in any and all countries and jurisdictions for the above-identified invention or inventions and all improvements and modifications thereof, (c) all patents which may issue from said applications in any country or jurisdiction, (d) all divisions, continuations, reissues, and extensions of said applications and patents, and (e) the right to claim for any of said applications the full benefits and rights to priority resulting from filing any of the applications, including, without limitation, rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by Assignee, its successors, assigns and nominees, to the full end of the term or terms for which any and all such patents may be granted as fully and entirely as would have been held and enjoyed by Assignor had this Assignment not been made.

Assignor hereby authorizes and requests any official whose duty it is to issue patents to issue any patent on said invention, or improvement or modification thereof, or resulting therefrom, to Assignee as assignee of the entire interest, or its successors, assigns or nominees.

Assignor hereby agrees (a) to communicate to Assignee, its successors and assigns, or their representatives or agents, all facts and information known or available to Assignor respecting said invention or inventions, improvements, and modifications, including, without limitation, evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by Assignee; (b) to testify in person or by affidavit as required by Assignee, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by

Assignee, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and (d) to provide all reasonable assistance to Assignee, its successors, assigns and nominees, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

Assignor hereby represents and warrants that (a) Assignor has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein to Assignee; (b) Assignor has no obligation to sell, assign or transfer any right, title or interest herein to an entity other than Assignee; (c) that Assignor has not executed and will not execute any document or instrument in conflict herewith; (d) no consents of any other parties are necessary or appropriate under any agreements regarding the inventions, applications or patents described above for the assignment of Assignor's entire right, title and interest herein to be legally effective; and (e) to the best of Assignor's knowledge, upon consummation of this Agreement, Assignee will have good and marketable title to the inventions, applications and patents described above, free and clear of any and all encumbrances, pledges, security interests, licenses or charges of any nature whatsoever.

Assignor hereby grants to the law firm of **Grant Anderson LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Assignor understands and agrees that the attorneys and agents of the law firm of **Grant Anderson LLP** do not personally represent Assignor or Assignor's legal interests, but instead represent the interests of Assignee; since said attorneys and agents cannot provide legal advice to Assignor with respect to this Assignment, Assignor acknowledges its right to seek its own independent legal counsel.

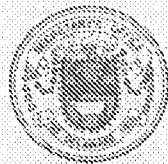
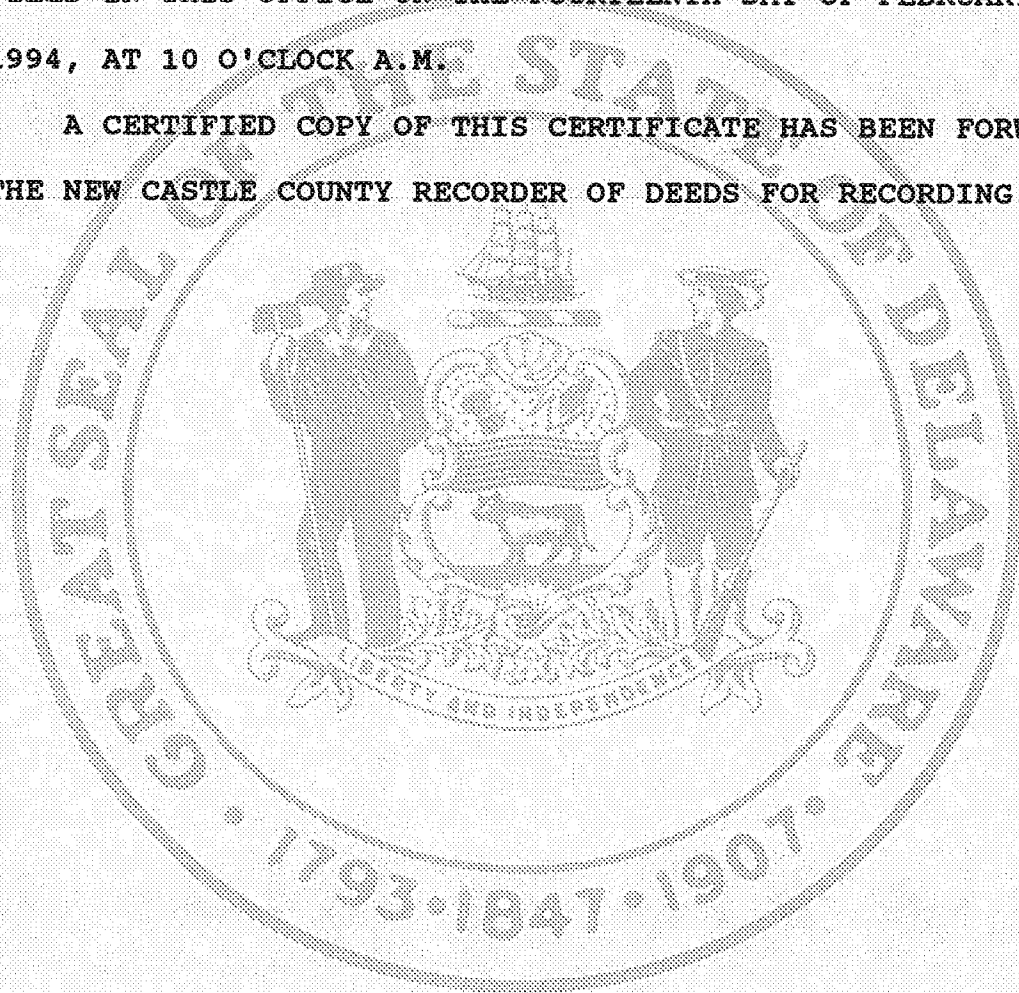
[INTENTIONALLY LEFT BLANK]

State of Delaware

Office of the Secretary of State

I, WILLIAM T. QUILLEN, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF INCORPORATION OF "SEQUENOM, INC.", FILED IN THIS OFFICE ON THE FOURTEENTH DAY OF FEBRUARY, A.D. 1994, AT 10 O'CLOCK A.M.

A CERTIFIED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS FOR RECORDING.



William T. Quillen

William T. Quillen, Secretary of State

2377757 8100

944019288

AUTHENTICATION: 7029224

DATE: 02-16-94

PATENT

REEL: 040456 FRAME: 0343

EXHIBIT A

Application No.	Date Filed	Attorney Docket No.	Assignment Reel/Frame	Recordation Date	Typographical Error Corrections
14/127,912	6/20/2012	PLA-6032-US	032197/0895	2/11/2014	California to Delaware
13/797,930	3/12/2013	PLA-6034-CP	031019/0833	8/15/2013	California to Delaware
13/829,164	3/14/2013	PLA-6034-CP2t	030818/0309	7/17/2013	California to Delaware
13/829,373	3/14/2013	PLA-6034-CP3	031175/0051	9/10/2013	California to Delaware
13/669,136	11/5/2012	PLA-6034-CTt	030353/0964	5/6/2013	California to Delaware; Sequenome Inc. to SEQUENOM, INC.
PCT/US2012/059123	10/5/2012	PLA-6034-PC	029255/0838	11/7/2012	California to Delaware; Sequenome Inc. to SEQUENOM, INC.
61/544,251	10/6/2011	PLA-6034-PV	029255/0838	11/7/2012	California to Delaware; Sequenome Inc. to SEQUENOM, INC.
61/663,477	6/22/2012	PLA-6034-PV2	029255/0838	11/7/2012	California to Delaware; Sequenome Inc. to SEQUENOM, INC.
61/709,899	10/4/2012	PLA-6034-PV3	029255/0838	11/7/2012	California to Delaware; Sequenome Inc. to SEQUENOM, INC.
61/808,027	4/3/2013	PLA-6034-PV4	031149/0304	9/6/2013	California to Delaware
61/827,323	5/24/2013	PLA-6034-PV5	030935/0788	8/2/2013	California to Delaware
14/350,052	10/5/2012	PLA-6036-US	035048/0261	2/27/2015	California to Delaware
13/754,817	1/30/2013	PLA-6040-CTt	030368/0483	5/7/2013	California to Delaware

Application No.	Date Filed	Attorney Docket No.	Assignment Reel/Frame	Recordation Date	Typographical Error Corrections
61/740,368	12/20/2012	PLA-6041-PV2	031142/0055	9/5/2013	California to Delaware
13/782,857	3/1/2013	PLA-6041-UT	030932/0218	8/2/2013	California to Delaware
13/797,508	3/12/2013	PLA-6045-UTt	031175/0157	9/10/2013	California to Delaware
13/933,935	7/2/2013	PLA-6048-CTt	030736/0389	7/3/2013	California to Delaware
13/779,638	2/27/2013	PLA-6048-UT	030736/0389	7/3/2013	California to Delaware
13/781,530	2/28/2013	PLA-6049-UT	030928/0116	8/1/2013	California to Delaware
61/740,377	12/20/2012	PLA-6053-PV	029741/0365	2/1/2013	California to Delaware
13/782,883	3/1/2013	PLA-6053-UT	030605/0558	6/13/2013	California to Delaware
61/827,385	5/24/2013	PLA-6068-PV	030973/0960	8/8/2013	California to Delaware
61/838,048	6/21/2013	PLA-6071-PV	031408/0853	10/15/2013	California to Delaware
PCT/US2014/058885	10/2/2014	PLA-6073-PC	034130/0867	11/7/2014	California to Delaware
61/887,081	10/4/2013	PLA-6073-PV	032940/0149	5/21/2014	California to Delaware
14/505,423	10/2/2014	PLA-6073-UT	034130/0867	11/7/2014	California to Delaware
10/723,681 Now U.S. Patent No. 7,510,835	11/25/2003 Issued on 3/31/2009	SEQ-4069-UT	014647/0439	5/18/2004	California to Delaware
PCT/US2013/050145	7/11/2013	SEQ-6022-PC3	036187/0985	7/27/2015	California to Delaware
13/940,162	7/11/2013	SEQ-6022-UT2	031735/0766	12/6/2013	California to Delaware
PCT/US2013/028699	3/1/2013	SEQ-6039-PC	031147/0037	9/5/2013	California to Delaware
13/782,901	3/1/2013	SEQ-6039-UT	031147/0037	9/5/2013	California to Delaware

Application No.	Date Filed	Attorney Docket No.	Assignment Reel/Frame	Recordation Date	Typographical Error Corrections
13/781,257	2/28/2013	SEQ-6047-UT	030917/0824	7/31/2013	California to Delaware
61/780,162	3/13/2013	SEQ-6063-PV	030589/0959	6/11/2013	California to Delaware
PCT/US2014/037008	5/6/2014	SEQ-6069-PC	033480/0854	8/6/2014	California to Delaware
61/820,369	5/7/2013	SEQ-6069-PV	031410/0064	10/15/2013	California to Delaware
14/271,269	5/6/2014	SEQ-6069-UT	033480/0854	8/6/2014	California to Delaware
61/887,801	10/7/2013	SEQ-6074-PV	031915/0110	1/8/2014	California to Delaware
61/952,135	3/13/2014	SEQ-6075-PV	033007/0500	6/2/2014	California to Delaware
62/030,958	7/30/2014	SEQ-6077-PV	034112/0096	11/5/2014	California to Delaware
62/009,104	6/6/2014	SEQ-6078-PV	033201/0100	6/27/2014	California to Delaware
62/031,028	7/30/2014	SEQ-6079-PV	034140/0369	11/10/2014	California to Delaware
62/005,811	5/30/2014	SEQ-6080-PV	033291/0025	7/10/2014	California to Delaware
62/062,748	10/10/2014	SEQ-6081-PV	035080/0046	3/3/2015	California to Delaware
62/079,737	11/14/2014	SEQ-6082-PV	034385/0657	12/5/2014	California to Delaware
62/113,070	2/6/2015	SEQ-8001-PV	035580/0905	5/6/2015	California to Delaware

DECLARATION FOR CORRECTION OF ASSIGNMENT BY ASSIGNEE

This declaration is directed to United States patents and patent applications listed in attached Exhibit A.

As the below named representative of SEQUENOM, INC., I hereby declare that:

The original assignment documents recorded for the patents and patent applications listed in attached Exhibit A contained a typographical error regarding the state of incorporation for SEQUENOM, INC. Specifically, the original documents stated: "SEQUENOM, INC., a corporation duly organized and existing under the laws of the State of California" (emphasis added). Assignment documents pertaining to matters referenced in Exhibit A are corrected to read: "SEQUENOM, INC., a corporation duly organized and existing under the laws of the State of Delaware" (emphasis added). The incorporation of SEQUENOM, INC. in the State of Delaware was publicly known at the time the original assignment documents were executed, as evidenced by the Delaware Secretary of State Certificate in attached Exhibit B.

The original assignment documents recorded for certain patent applications listed in attached Exhibit A contained a further typographical error regarding the spelling of assignee's name. Specifically, the original documents listed the assignee as "Sequenome Inc." The assignment documents are corrected herein to read: "SEQUENOM, INC." The correct spelling of the name of the assignee was publicly known at the time the original assignment documents were executed, as evidenced by the Delaware Secretary of State Certificate in attached Exhibit B.

At least one named inventor for the patents and patent applications listed in attached Exhibit A is no longer employed by SEQUENOM, INC. and is not readily available to correct the original assignment document(s).

Pursuant to MPEP 323.01(b), assignee SEQUENOM, INC. requests correction.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

LEGAL NAME OF REPRESENTATIVE	FIRST NAME John	MIDDLE INITIAL	LAST NAME Peterson
TITLE	Associate General Counsel for SEQUENOM, INC.		
SIGNATURE: <u>John Peterson</u>	DATE: <u>Nov. 12, 2015</u>		