

## PATENT ASSIGNMENT

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 Stylesheet Version v1.1

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>Zeljko Dzakula</td> <td>10/23/2012</td> </tr> <tr> <td>Cosmin Deciu</td> <td>10/22/2012</td> </tr> <tr> <td>Amin Mazloom</td> <td>10/23/2012</td> </tr> <tr> <td>Huiquan Wang</td> <td>10/22/2012</td> </tr> </tbody> </table>		Name	Execution Date	Zeljko Dzakula	10/23/2012	Cosmin Deciu	10/22/2012	Amin Mazloom	10/23/2012	Huiquan Wang	10/22/2012
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Zeljko Dzakula	10/23/2012										
Cosmin Deciu	10/22/2012										
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Huiquan Wang	10/22/2012										
RECEIVING PARTY DATA											
Name:	Sequenom, Inc.										
Street Address:	3595 John Hopkins Court										
City:	San Diego										
State/Country:	CALIFORNIA										
Postal Code:	92121										
PROPERTY NUMBERS Total: 2											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13656328</td> </tr> <tr> <td>PCT Number:</td> <td>US2012059592</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13656328	PCT Number:	US2012059592				
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Application Number:	13656328										
PCT Number:	US2012059592										
CORRESPONDENCE DATA											
Fax Number:	6123328352										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	8586233226										
Email:	kdickinson@granllp.com										
Correspondent Name:	Bruce Grant c/o PortfolioIP										
Address Line 1:	P.O. Box 52050										
Address Line 4:	Minneapolis, MINNESOTA 55402										
ATTORNEY DOCKET NUMBER:	SEQ-6037-CTT/PC										
NAME OF SUBMITTER:	Kari A. Dickinson										

OP \$80.00 13656328

**Total Attachments: 6**

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## ASSIGNMENT AND AGREEMENT

WHEREAS, **Zeljko DZAKULA** of 12830 Sundance Avenue, San Diego, California 92129, US; **Cosmin DECIU** of 10545 Sea Mist Way, San Diego, California 92121, US; **Amin MAZLOOM** of 10413 Capewood Lane, San Diego, California 92128; and **Huiquan WANG** of 8380 Alpine Ridge Road, San Diego, California 92129, US; (hereinafter referred to singly and collectively as "Assignor") have invented a certain invention entitled **METHODS AND PROCESSES FOR NON-INVASIVE ASSESSMENT OF GENETIC VARIATIONS** for which United States Patent Application No. 13/656,328 was filed on October 19, 2012; and International Application No. PCT/US2012/059592 was filed on October 10, 2012; and

WHEREAS, **SEQUENOM, INC.**, a corporation duly organized and existing under the laws of the State of Delaware, and having its principal place of business at 3595 John Hopkins Court, San Diego, California 92121, US (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]



Executed this 22<sup>nd</sup> day of October, 2012.

*Cosmin DECIU*

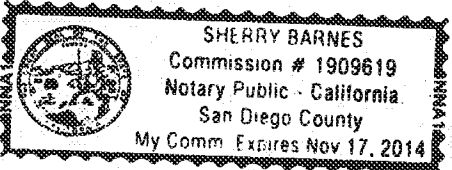
Cosmin DECIU

STATE OF CALIFORNIA )  
                                  ) ss:  
COUNTY OF SAN DIEGO )

On this 22 day of October 2012, before me, Sherry Barnes,  
Notary Public, personally appeared Cosmin DECIU, who proved to me on the basis  
of satisfactory evidence to be the person(s) whose name (s) is/are subscribed to the  
within instrument and acknowledged to me that he/she/they executed the same in  
his/her/their authorized capacity (ies), and that by his/her/their signature(s) on the  
instrument the person(s), or the entity upon behalf of which the person(s) acted,  
executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the  
foregoing paragraph is true and correct.

WITNESS my hand and official seal.



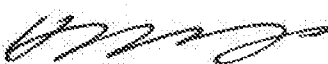
Sherry Barnes  
Notary Public in and for said County and State

(Seal)

My Commission Expires: November 17, 2014



Executed this 22 day of October, 2012.



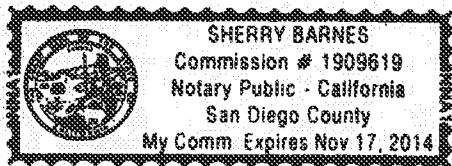
Huiquan WANG

STATE OF CALIFORNIA )  
 ) ss:  
COUNTY OF SAN DIEGO )

On this 22 day of October 2012, before me, Sherry Barnes  
Notary Public, personally appeared Huiquan WANG, who proved to me on the basis  
of satisfactory evidence to be the person(s) whose name (s) is/are subscribed to the  
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