

<b>PATENT ASSIGNMENT COVER SHEET</b>
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ZELJKO DZAKULA	01/22/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SEQUENOM, INC.
<b>Street Address:</b>	3595 JOHN HOPKINS COURT
<b>City:</b>	SAN DIEGO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92121
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14781987
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(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>	
<b>Phone:</b>	858-623-3240
<b>Email:</b>	skwiatkowski@grantip.com
<b>Correspondent Name:</b>	GRANT IP INC. C/O CPA GLOBAL
<b>Address Line 1:</b>	900 SECOND AVE SOUTH #600
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402
<b>ATTORNEY DOCKET NUMBER:</b>	PLA-6034-US3
<b>NAME OF SUBMITTER:</b>	KARI A. DICKINSON
<b>SIGNATURE:</b>	/Kari A. Dickinson/
<b>DATE SIGNED:</b>	11/14/2018
<b>Total Attachments: 2</b>	
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source=PLA-6034-US3_DZAKULA_Assignment_signed_2016-01-22#page2.tif	

**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; and **Chen ZHAO** of 8950 Costa Verde Blvd, Apt 4124, San Diego, California, 92122, 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 a United States Provisional Patent application was filed on April 13, 2013 as Application No. 61/808,027; a United States Provisional Patent application was filed on May 24, 2013 as Application No. 61/827,323; and for which an International Patent Application was filed on April 2, 2014 as Application No. PCT/US2014/032687; and for which an United States Patent Application was filed on October 2, 2015 as Application No. 14/781,987; 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 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, (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, (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 to Assignee as assignee of the entire interest, or its successors, assigns or nominees.

Assignor hereby represents and warrants that Assignor has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein to Assignee.

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