

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Paul Andrew Oeth</td> <td>04/04/2008</td> </tr> <tr> <td>Mathias Ehrich</td> <td>04/04/2008</td> </tr> <tr> <td>Min Seob Lee</td> <td>04/02/2008</td> </tr> </tbody> </table>		Name	Execution Date	Paul Andrew Oeth	04/04/2008	Mathias Ehrich	04/04/2008	Min Seob Lee	04/02/2008
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Paul Andrew Oeth	04/04/2008								
Mathias Ehrich	04/04/2008								
Min Seob Lee	04/02/2008								
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" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12027954</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12027954				
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Application Number:	12027954								
CORRESPONDENCE DATA									
Fax Number:	(612)332-8352								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	8586233226								
Email:	dglisson@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-6005-UT								
NAME OF SUBMITTER:	Dave Glisson								

OP \$40.00 12027954

Total Attachments: 5
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ASSIGNMENT AND AGREEMENT

WHEREAS, **Paul Andrew Oeth** of 4140-162 Via Candidiz, San Diego, CA 92130 USA; **Mathias Ehrich** of 1947 Diamond Street, San Diego, CA 92109 USA; and **Min Seob Lee** of 9725 Oviedo Street, San Diego, CA 92129 USA; (hereinafter referred to singly and collectively as "ASSIGNOR") have invented a certain invention entitled **NUCLEIC ACID-BASED TESTS FOR RHD TYPING, GENDER DETERMINATION AND NUCLEIC ACID QUANTIFICATION** for which United States Patent applications were filed on February 8, 2007, as Application No. 60/888,942, and February 7, 2008, as Application No. 12/027,954; and an International Patent Application, which was filed on February 7, 2008 as Application No. PCT/US2008/053342; 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 92130 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 and assigns, 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 and all other applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority 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 and assigns, to the full end of the term or terms for which any and all such Letters Patent 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 the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

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 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 and assigns, 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 ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

