

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
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COSMIN DECIU	08/28/2023
DIRK VAN DEN BOOM	12/07/2020
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15329016
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NAME OF SUBMITTER:	MOIRA K. ANDERSON
SIGNATURE:	/Moira K. Anderson/
DATE SIGNED:	09/01/2023
Total Attachments: 5	
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source=057618_1047072_Executed_Assignment#page4.tif	

ASSIGNMENT OF PATENT APPLICATION

For good and valuable consideration, the receipt of which is hereby acknowledged, We, the undersigned,

Chen Zhao of 8950 Costa Verde Boulevard, Apt. 4124, San Diego, CA 92122
Cosmin Deciu of 10545 Sea Mist Way, San Diego, CA 92121
Dirk Johannes Van Den Boom of 458 E. Glaucus Street, Encinitas, CA 92024

("Inventors" or "Assignors") does hereby sell, assign, and transfer to Sequenom, Inc., a corporation of the State of Delaware, having its principal place of business at 3595 John Hopkins Court, San Diego, CA 92121 ("the Assignee"), and the Assignee's successors and assigns, all right, title, and interest for all countries in and to the patent applications entitled

METHODS AND PROCESSES FOR NON-INVASIVE ASSESSMENT OF GENETIC VARIATIONS

identified as United States Application No. 15/329,016, filed January 25, 2017 (referred to as "the Application"), and in and to any and all inventions disclosed in the Application ("the Inventions") and all nonprovisional applications for United States Patent, including divisional, continuing, substitute, renewal, and reissue thereof, and all other applications for United States Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on one or more of the Inventions, and in and to all original and reissued patents or related foreign documents that have been or shall be issued on one or more of the Inventions.

We, the Assignors, in accordance with this assignment, authorize, and request the Commissioner for Patents of the United States to issue to the Assignee or the Assignee's successors and assigns, in accordance with this assignment, any and all United States Letters Patents that claim or disclose one or more of the Inventions.

We, the Assignors, further agree, for good and valuable consideration, the receipt of which is hereby acknowledged, that the Assignee or the Assignee's successors and assigns may apply for and receive foreign Letters Patents or similar such rights and, in doing so, may make a claim of priority to the Applications under the provisions of any bilateral or multilateral treaty or international agreement, including but not limited to, the International Convention of 1883 and later modifications thereof ("the Paris Convention"), the Patent Cooperation Treaty, the European Patent Convention, the Eurasian Patent Convention, the agreement(s) of the African Regional Intellectual Property Organization, the agreement(s) of the Organisation Africaine de la Propriete Intellectuelle, and the agreement(s) of the Cooperation Council for the Arab States of the Gulf; and that, when requested, without charge to the Assignee or the Assignee's successors and assigns, to carry out in good faith the intent and purpose of this assignment, the Inventor, or his executors or administrators, will, for the United States and any and all foreign countries: (i) execute any and all documents related to any application for patent in the United States or a foreign country, where such application discloses one or more of the Inventions; (ii) execute any and all oaths, declarations, assignments, confirmatory assignments, powers of attorney and other papers concerning one or more of the Inventions and any and all patent applications thereon, whether in the United States or a foreign country; and (iii) perform other such acts, at the request of the Assignee or the Assignee's successors and assigns, to obtain or maintain any and all patents or related property rights in the United States or any foreign country on one or more of the Inventions or any improvements thereto and to vest title thereto in the Assignee or the Assignee's successors and assigns.

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U.S. Patent Application No. 15/329,016
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Attorney Docket No. 057618-1047072
Client Ref. No. SEQ-6077-US

In testimony whereof, We, the Assignors, have signed our name below on the date indicated. By such signature, We, the Assignors, acknowledge that we are of sound mind and health, that we have read and understood all terms recited above, and that we are signing this of our own free will for the purposes stated herein.

SIGNATURES ARE ON THE FOLLOWING PAGES

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U.S. Patent Application No. 15/329,016
Page 2 of 5*

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**PATENT
REEL: 064771 FRAME: 0515**

Chen Zhao

Chen Zhao

08/28/2023

Date

SIGNATURE WITNESSED BY

Siding Liu

Name of Witness (Printed)

Siding Liu

Signature of Witness

08/28/2023

Date Witnessed

SIGNATURE WITNESSED BY

Yun Zhu

Name of Witness (Printed)

Yun Zhu

Signature of Witness

08/28/2023

Date Witnessed

Attorney Docket No. 057618-1047072
Client Ref. No. SEQ-6077-US

DocuSigned by:
Cosmin Deciu
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Cosmin Deciu
8/28/2023

Date

SIGNATURE WITNESSED BY

Name of Witness (Printed)

Signature of Witness

Date Witnessed

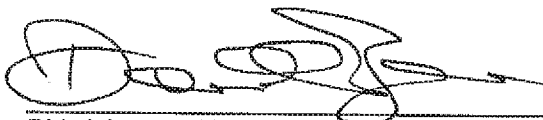
SIGNATURE WITNESSED BY

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Signature of Witness

Date Witnessed

*Assignment of Patent Application
U.S. Patent Application No. 15/329,016
Page 4 of 5*



Dirk Johannes Van den Boom

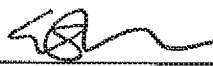
12-07-2020

Date

SIGNATURE WITNESSED BY

Esther van den Boom

Name of Witness (Printed)



Signature of Witness

12/7/2020

Date Witnessed

SIGNATURE WITNESSED BY

Name of Witness (Printed)

Signature of Witness

Date Witnessed