PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2710296

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDREAS BRAUN	12/15/2000
DIRK JOHANNES VAN DEN BOOM	12/20/2000
YIP PING	01/22/2001
CHARLIE RODI	12/20/2000
LIYAN HE	12/14/2000
NORMAN CHIU	12/22/2000
CHRISTIAN JURINKE	12/11/2000
HUBERT KOSTER	12/22/2000

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:	13536807

CORRESPONDENCE DATA

Fax Number: (612)332-8352 Phone: 760-473-9472 aolivos@granllp.com Email:

Correspondence will be sent via US Mail when the email attempt is unsuccessful. SHERYL SILVERSTEIN C/O PORTFOLIOIP Correspondent Name:

Address Line 1: P.O. BOX 52050

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

REEL: 032119 FRAME: 0220

PATENT 502663688

ATTORNEY DOCKET NUMBER:	SEQ-2033-CT2	
NAME OF SUBMITTER:	SHERYL R. SILVERSTEIN, REG. NO. 40,812	
Signature:	/Sheryl R. Silverstein/	
Date:	02/03/2014	
Total Attachments: 16		

Total Attachments: 16

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> PATENT REEL: 032119 FRAME: 0221

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Atty Docket No. 24736-2033 SEQ-2033-CT/DV/DV4

ASSIGNMENT

I, ANDREAS BRAUN, a citizen of Germany, residing at 11237-6 Carmel Creek Road, San Diego, California 92030, for good and valuable consideration, have assigned and do hereby assign to SEQUENOM, INC., a corporation organized under the laws of Delaware, having a principal business address of 11555 Sorrento Valley Road, San Diego, California 92121, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to U.S. Provisional Patent Application Serial No. 09/687,483, and the invention disclosed therein invented by me entitled:

METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING POLYMORPHIC GENETIC MARKERS

and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

Atty Docket No. 24736-2033

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

DATE: 17-15-00

STATE OF California) ss.

On (Combby 15th, 2007), before me, the undersigned, a notary public for the State of Colifornia, personally appeared ANDREAS BRAUN, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.

FELICITAS KOSTER Comm. # 1253275 OTARY PUBLIC-CALIFORNIA San Diego County My Comm. Expires Feb. 12, 2004

A FORT OF SERVICE A REAL PROPERTY.

Atty Docket No. 24736-2033 SEQ-2033-CT/DV/DV4

ASSIGNMENT

I, DIRK VAN DEN BOOM, a citizen of Germany, residing at Eppendorfer Weg 205 D, 20253 Hamburg, Germany, for good and valuable consideration, have assigned and do hereby assign to SEQUENOM, INC., a corporation organized under the laws of Delaware, having a principal business address of 11555 Sorrento Valley Road, San Diego, California 92121, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to U.S. Provisional Patent Application Serial No. 09/687,483, and the invention disclosed therein invented by me entitled:

METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING POLYMORPHIC GENETIC MARKERS

and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

Atty Docket No. 24736-2033

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

DATE: <u>20.12.2000</u>

DIRK VAN DEN BOOM

WITNESSED:

DATE: 20. H. 00

SUSAMME SOMADY
[SIGNATURE OF WITNESS]

Susarra Schneider
[PRINTED NAME OF WITNESS]

WITNESSED:

DATE: 20,12.00

Christiane (tonisch [SIGNATURE OF WITNESS]

Chairle no Itonise

[PRINTED NAME OF WITNESS]

ASSIGNMENT

I, YIP PING, a citizen of the United States of America, residing at 3641 Copley Avenue, San Diego, California 92116, USA, for good and valuable consideration, have assigned and do hereby assign to SEQUENOM, INC., a corporation organized under the laws of Delaware, having a principal business address of 11555 Sorrento Valley Road, San Diego, California 92121, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to U.S. Provisional Patent Application Serial No. 09/687,483, and the invention disclosed therein invented by me entitled:

METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING POLYMORPHIC GENETIC MARKERS

and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

Atty Docket No. 24736-2033

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

DATE: 1/2011

VIP PING Y W

STATE OF <u>California</u>) SS. COUNTY OF <u>San Diego</u>)

On January 22, 2001, before me, the undersigned, a notary public for the State of California, personally appeared YIP PING, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.

CHRISTINE GRANT
COMM. # 1250989
NOTARY PUBLIC-CALIFORNIA
San Diego County
My Comm. Expires Jan. 22, 2004

Notary Public

ASSIGNMENT

I, CHARLIE RODI, a citizen of the United States of America, residing at 13823 Recuerdo Drive, Del Mar, California 92104, USA, for good and valuable consideration, have assigned and do hereby assign to SEQUENOM, INC., a corporation organized under the laws of Delaware, having a principal business address of 11555 Sorrento Valley Road, San Diego, California 92121, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to U.S. Provisional Patent Application Serial No. __09/687,483, and the invention disclosed therein invented by me entitled:

METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING POLYMORPHIC GENETIC MARKERS

and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation—inpart, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

Atty Docket No. 24736-2033

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

DATE: 12/20/2000

Charlie RODI

STATE OF <u>California</u>) SS. COUNTY OF <u>San Diego</u>)

On <u>Deamber 20, 2000</u>, before me, the undersigned, a notary public for the State of <u>California</u>, personally appeared CHARLIE RODI, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.

CHRISTINE GALBRAITH
Comm. # 1250989
NOTARY PUBLIC-CALIFORNIA
San Diego County
My Comm. Expires Jan. 22, 2004

Christine Galtrack

ASSIGNMENT

I, LIYAN HE, a citizen of the United States, residing at 10948 Creek Bridge Place, San Diego, California 92128, USA, for good and valuable consideration, have assigned and do hereby assign to SEQUENOM, INC., a corporation organized under the laws of Delaware, having a principal business address of 11555 Sorrento Valley Road, San Diego, California 92121, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to U.S. Provisional Patent Application Serial No. __09/687,483, and the invention disclosed therein invented by me entitled:

METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING POLYMORPHIC GENETIC MARKERS

and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

Atty Docket No. 24736-2033

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

DATE -

12/14/00

LIYAN HE

STATE OF <u>California</u>) ss. county of <u>Sam Mira</u>)

On OCUMBLY 15th HOW), before me, the undersigned, a notary public for the State of Colympia, personally appeared LIYAN HE, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that the executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.

FELICITAS KOSTER
Comm. # 1253275
NOTARY PUBLIC-CALIFORNIA
San Diego County
My Comm. Expires Feb. 12, 2004

Notary Public

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Atty Docket No. 24736-2033 SEQ-2033-CT/DV/DV4

ASSIGNMENT

I, NORMAN CHIU, a citizen of Canada, residing at 11128 Caminito Alvarez, San Diego, California 92126, USA, for good and valuable consideration, have assigned and do hereby assign to SEQUENOM, INC., a corporation organized under the laws of Delaware, having a principal business address of 11555 Sorrento Valley Road, San Diego, California 92121, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to U.S. Provisional Patent Application Serial No. 09/687,483, and the invention disclosed therein invented by me entitled:

METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING POLYMORPHIC GENETIC MARKERS

and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

Atty Docket No. 24736-2033

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

DATE: Dec 22

NORMAN CHIL

STATE OF <u>California</u>) SS. COUNTY OF <u>San Diego</u>)

on <u>December</u> 22,2000, before me, the undersigned, a notary public for the State of <u>California</u>, personally appeared NORMAN CHIU, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.

CHRISTINE GALBRAITH
Comm. # 1250989
NOTARY PUBLIC-CALIFORNIA
San Diego County
My Comm. Expires Jan. 22, 2004

Notary Public

The state of the s

Atty Docket No. 24736-2033 SEQ-2033-CT/DV/DV4

ASSIGNMENT

I, CHRISTIAN JURINKE, a citizen of Germany, residing at Rombergstrasse 22, 20255 Hamburg, Germany, for good and valuable consideration, have assigned and do hereby assign to SEQUENOM, INC., a corporation organized under the laws of Delaware, having a principal business address of 11555 Sorrento Valley Road, San Diego, California 92121, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to U.S. Provisional Patent Application Serial No. 09/687,483, and the invention disclosed therein invented by me entitled:

METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING POLYMORPHIC GENETIC MARKERS

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Atty Docket No. 24736-2033

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

DATE: 12/11/00

CHRISTIAN JURINKE

COUNTY OF San Diego) ss.

On <u>December 12th 2000</u>, before me, the undersigned, a notary public for the State of <u>California</u>, personally appeared **CHRISTIAN JURINKE**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.

Notary Public

FELICITAS KOSTER
Comm. #1253275
NOTARY PUBLIC-CALIFORNIA
San Diego County
My Comm. Expires Feb. 12, 2004

ASSIGNMENT

I, HUBERT KÖSTER, a citizen of Germany, residing at 8636-C Via Mallorca Drive, La Jolla, California 92037, U.S.A., for good and valuable consideration, have assigned and do hereby assign to SEQUENOM, INC., a corporation organized under the laws of Delaware, having a principal business address of 11555 Sorrento Valley Road, San Diego, California 92121, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to U.S. Provisional Patent Application Serial No. 09/687,483, and the invention disclosed therein invented by me entitled:

METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING POLYMORPHIC GENETIC MARKERS

and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

PATENT REEL: 032119 FRAME: 0236

Atty Docket No. 24736-2033

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

DATE: /2/22/200

HUBERT KÖSTER

STATE OF GERMANY) SS. COUNTY OF MAMBER 14)

REG. NO. 4630 /2000

On 12/22/2000, before me, the undersigned, a notary public for the State of interpretation of the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.

2 2. Daz. 2000

Motary Public

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