

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6114744

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SIGNATURE DATE OF ASSIGNOR BRIAN D. KELLY TO JANUARY 20, 2015 previously recorded on Reel 052691 Frame 0978. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNORS INTEREST.
CONVEYING PARTY DATA	
Name	Execution Date
WENJUN ZHANG	08/20/2014
MICHAEL FARRELL	08/21/2014
LEI TANG	08/20/2014
ANTONY HUBBARD	08/20/2014
BRIAN D. KELLY	01/20/2015
TAYLOR SHINGLER	01/27/2015
DONALD JOHNSON	01/20/2015
RECEIVING PARTY DATA	
Name:	VENTANA MEDICAL SYSTEMS, INC.
Street Address:	1910 E INNOVATION PARK DR.
City:	ORO VALLEY
State/Country:	ARIZONA
Postal Code:	85755
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15242471
CORRESPONDENCE DATA	
Fax Number:	(925)225-1128
<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>	
Phone:	925-251-6721
Email:	stephanie.schulman@roche.com
Correspondent Name:	STEPHANIE SCHULMAN
Address Line 1:	4300 HACIENDA DR.
Address Line 4:	PLEASANTON, CALIFORNIA 94588
ATTORNEY DOCKET NUMBER:	P32027-US-2
NAME OF SUBMITTER:	ERIC GRANT LEE

SIGNATURE:	/Eric Grant Lee/
DATE SIGNED:	05/20/2020
Total Attachments: 13 source=Corrective_Assignment#page1.tif source=Corrective_Assignment#page2.tif source=Corrective_Assignment#page3.tif source=Corrective_Assignment#page4.tif source=Corrective_Assignment#page5.tif source=Corrective_Assignment#page6.tif source=Corrective_Assignment#page7.tif source=Corrective_Assignment#page8.tif source=Corrective_Assignment#page9.tif source=Corrective_Assignment#page10.tif source=Corrective_Assignment#page11.tif source=Corrective_Assignment#page12.tif source=Corrective_Assignment#page13.tif	

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT6111716

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WENJUN ZHANG	08/20/2014
MICHAEL FARRELL	08/21/2014
LEI TANG	08/20/2014
ANTONY HUBBARD	08/20/2014
BRIAN D. KELLY	06/20/2015
TAYLOR SHINGLER	01/27/2015
DONALD JOHNSON	01/20/2015
RECEIVING PARTY DATA	
Name:	VENTANA MEDICAL SYSTEMS, INC.
Street Address:	1910 E INNOVATION PARK DR.
City:	ORO VALLEY
State/Country:	ARIZONA
Postal Code:	85755
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15242471
CORRESPONDENCE DATA	
Fax Number:	(925)225-1128
<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>	
Phone:	925-251-6721
Email:	stephanie.schulman@roche.com
Correspondent Name:	STEPHANIE SCHULMAN
Address Line 1:	4300 HACIENDA DR.
Address Line 4:	PLEASANTON, CALIFORNIA 94588
ATTORNEY DOCKET NUMBER:	P32027-US-2
NAME OF SUBMITTER:	ERIC GRANT LEE
SIGNATURE:	/Eric Grant Lee/
DATE SIGNED:	05/18/2020

ASSIGNMENT

We, Wenjun Zhang, of Tucson, Arizona, U.S.A., Michael Farrell, of Tucson, Arizona, U.S.A., Lei Tang, of Oro Valley, Arizona, U.S.A., Antony Hubbard, of Tucson, Arizona, U.S.A., and Leslie Baca Parkinson of Tucson, Arizona, U.S.A., have invented one or more inventions (collectively, the "Invention") as described in U.S. Provisional Patent Application No. 61/943,196, entitled SINGLE STRAND OLIGONUCLEOTIDES FOR TISSUE DIAGNOSTICS, filed on February 21, 2014; which application is referred to herein as the "Provisional Application."

The Invention was made as a result of our activities at or on behalf of Ventana Medical Systems, Inc. or as a result of our utilization of information, facilities or other resources of Ventana Medical Systems, Inc. The conditions under which the Invention was made are such as to entitle Ventana Medical Systems, Inc. to each of our entire respective right, title, and interest in the Invention and any corresponding patent applications and/or patents in the United States and its territories and dependencies, and all other countries and jurisdictions of the world.

In consideration of our obligations and other valuable consideration, we each have sold, assigned and transferred or hereby sell, assign, and transfer to Ventana Medical Systems, Inc., its successors and assigns (collectively, "Assignee"), each of our respective full and exclusive right, title, and interest in the Invention, the Provisional Application, and any corresponding patent rights throughout the United States and its territories and dependencies, and all other countries and jurisdictions of the world. The conveyance of patent rights includes, without limitation, full and exclusive right, title, and interest in all non-provisional patent applications claiming all or part of the Invention and/or claiming the benefit of a filing date of the Provisional Application, and any patents that may issue from such non-provisional patent applications in the United States and/or all other countries and jurisdictions throughout the world, and any divisional, continuation, continuation-in-part, substitution, conversion, re-examination, reissue, renewal, prolongation or extension thereof; and the right to claim priority from the Provisional Application as provided for by United States law, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, or other applicable law.

We each authorize and request the issuance of any patents arising from non-provisional patent applications claiming all or part of the Invention and/or claiming the benefit of a filing date of the Provisional Application to the Assignee to be held as fully and entirely as the same would have been held by us had this assignment not been made.

We each warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied that will impair, diminish, limit, or abridge the interest herein conveyed.

We each also agree upon reasonable request to communicate with the Assignee, its representatives or agents, any facts known to us respecting all or part of the Invention, and testify in any legal proceedings, sign all lawful papers, execute all non-provisional, divisional, continuation, continuation-in-part, re-examination, and reissue applications, make all rightful

oaths, provide all requested documents, and do everything reasonably possible to aid the Assignee, its representatives or agents, to obtain and enforce proper patent protection for all or part of the Invention in the United States or any other country of the world. These provisions are binding upon each of our heirs, legal representatives, administrators and assigns.

This Assignment may be executed in one or more counterparts, each of which when executed and delivered, by facsimile or other electronic transmission, by mail delivery, or by other form of delivery, will be an original and all of which will constitute but one and the same Assignment.

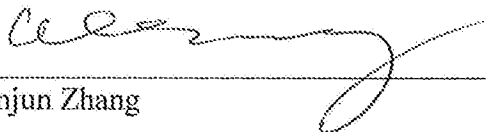
IN WITNESS WHEREOF, this Assignment is executed as of the date(s) indicated on the following counterpart signature page(s).

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COUNTERPART SIGNATURE PAGE
ASSIGNMENT FROM ZHANG ET AL.

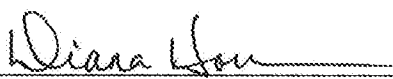
ASSIGNOR:

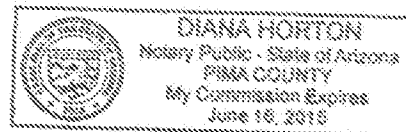
Dated: 20 Aug 2014


Wenjun Zhang

State of Arizona)
) ss.
County of Pima)

On this 20th day of August, 2014, before me personally appeared Wenjun Zhang, whose identity was proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this document, and who acknowledged that he/she executed this document in my presence, and who acknowledged to me that this document was executed by his/her own free will for the purpose set forth therein.


Notary Public
My Commission Expires: June 16, 2015



COUNTERPART SIGNATURE PAGE
ASSIGNMENT FROM ZHANG ET AL.

Dated: Aug 21 2014

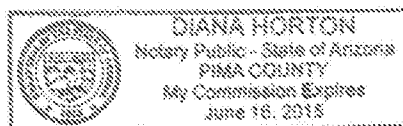
ASSIGNOR:

Michael Farrell
Michael Farrell

State of Arizona)
) ss.
County of Pima)

On this 21st day of August, 2014, before me personally appeared Michael Farrell, whose identity was proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this document, and who acknowledged that he/she executed this document in my presence, and who acknowledged to me that this document was executed by his/her own free will for the purpose set forth therein.


Diana Horton
Notary Public
My Commission Expires June 16, 2015



**COUNTERPART SIGNATURE PAGE
ASSIGNMENT FROM ZHANG ET AL.**

ASSIGNOR:

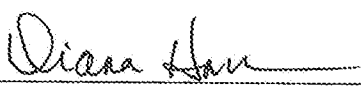
Dated: 20 AUG 2014



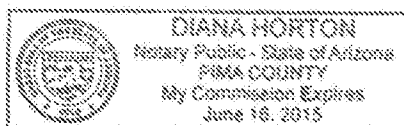
Lei Tang

State of Arizona)
) ss.
County of Pima)

On this 20th day of August, 2014, before me personally appeared Lei Tang, whose identity was proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this document, and who acknowledged that he/she executed this document in my presence, and who acknowledged to me that this document was executed by his/her own free will for the purpose set forth therein.



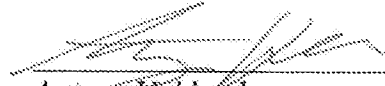
Notary Public
My Commission Expires: June 16, 2015



**COUNTERPART SIGNATURE PAGE
ASSIGNMENT FROM ZHANG ET AL.**

ASSIGNOR:


Dated: 20th Aug. 2014



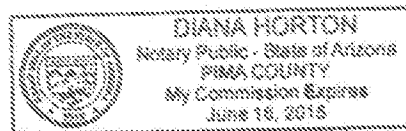
Antony Hubbard

State of Arizona)
) ss.
County of Pima)

On this 20th day of August, 2014, before me personally appeared Antony Hubbard, whose identity was proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this document, and who acknowledged that he/she executed this document in my presence, and who acknowledged to me that this document was executed by his/her own free will for the purpose set forth therein.



Notary Public
My Commission Expires: June 18, 2015



**COUNTERPART SIGNATURE PAGE
ASSIGNMENT FROM ZHANG ET AL.**

ASSIGNOR:

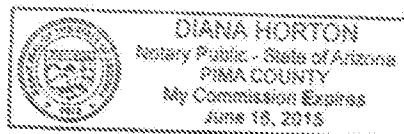
Dated: Aug. 20, 2014

Leslie Baca Parkinson
Leslie Baca Parkinson

State of Arizona)
) ss.
County of Pima)

On this 20th day of August, 2014, before me personally appeared Leslie Baca Parkinson, whose identity was proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this document, and who acknowledged that he/she executed this document in my presence, and who acknowledged to me that this document was executed by his/her own free will for the purpose set forth therein.

Diana Horton
Notary Public
My Commission Expires: June 16, 2015



ASSIGNMENT

We, Brian D. Kelly, of Tucson, Arizona, U.S.A., Taylor Shingler, of Tucson, Arizona, U.S.A., and Donald Johnson of Oro valley, Arizona, U.S.A., along with others, have invented one or more inventions (collectively, the "Invention") as described in U.S. Provisional Patent Application No. 61/943,196, entitled SINGLE STRAND OLIGONUCLEOTIDES FOR TISSUE DIAGNOSTICS, filed on February 21, 2014; which application is referred to herein as the "Provisional Application."

The Invention was made as a result of our activities at or on behalf of Ventana Medical Systems, Inc. or as a result of our utilization of information, facilities or other resources of Ventana Medical Systems, Inc. The conditions under which the Invention was made are such as to entitle Ventana Medical Systems, Inc. to each of our entire respective right, title, and interest in the Invention and any corresponding patent applications and/or patents in the United States and its territories and dependencies, and all other countries and jurisdictions of the world.

In consideration of our obligations and other valuable consideration, we each have sold, assigned and transferred or hereby sell, assign, and transfer to Ventana Medical Systems, Inc., its successors and assigns (collectively, "Assignee"), each of our respective full and exclusive right, title, and interest in the Invention, the Provisional Application, and any corresponding patent rights throughout the United States and its territories and dependencies, and all other countries and jurisdictions of the world. The conveyance of patent rights includes, without limitation, full and exclusive right, title, and interest in all non-provisional patent applications claiming all or part of the Invention and/or claiming the benefit of a filing date of the Provisional Application, and any patents that may issue from such non-provisional patent applications in the United States and/or all other countries and jurisdictions throughout the world, and any divisional, continuation, continuation-in-part, substitution, conversion, re-examination, reissue, renewal, prolongation or extension thereof; and the right to claim priority from the Provisional Application as provided for by United States law, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, or other applicable law.

We each authorize and request the issuance of any patents arising from non-provisional patent applications claiming all or part of the Invention and/or claiming the benefit of a filing date of the Provisional Application to the Assignee to be held as fully and entirely as the same would have been held by us had this assignment not been made.

We each warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied that will impair, diminish, limit, or abridge the interest herein conveyed.

We each also agree upon reasonable request to communicate with the Assignee, its representatives or agents, any facts known to us respecting all or part of the Invention, and testify in any legal proceedings, sign all lawful papers, execute all non-provisional, divisional, continuation, continuation-in-part, re-examination, and reissue applications, make all rightful oaths, provide all requested documents, and do everything reasonably possible to aid the

Assignee, its representatives or agents, to obtain and enforce proper patent protection for all or part of the Invention in the United States or any other country of the world. These provisions are binding upon each of our heirs, legal representatives, administrators and assigns.

This Assignment may be executed in one or more counterparts, each of which when executed and delivered, by facsimile or other electronic transmission, by mail delivery, or by other form of delivery, will be an original and all of which will constitute but one and the same Assignment.

IN WITNESS WHEREOF, this Assignment is executed as of the date(s) indicated on the following counterpart signature page(s).

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COUNTERPART SIGNATURE PAGE
ASSIGNMENT FROM ZHANG ET AL.

ASSIGNOR:

Dated: 20th Jan 2015

Brian D. Kelly

Brian D. Kelly

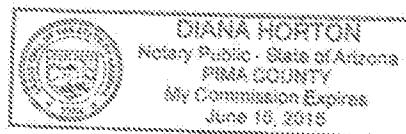
State of Arizona)
) ss.
County of Pima)

On this 20th day of January, 2015, before me personally appeared Brian D. Kelly, whose identity was proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this document, and who acknowledged that he/she executed this document in my presence, and who acknowledged to me that this document was executed by his/her own free will for the purpose set forth therein.

Diana Horton

Notary Public

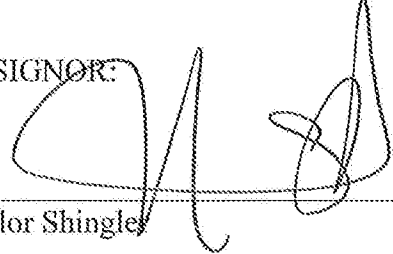
My Commission Expires: June 16, 2015



COUNTERPART SIGNATURE PAGE
ASSIGNMENT FROM ZHANG ET AL.

Dated: 2015 JAN 27

ASSIGNOR:


Taylor Shingler

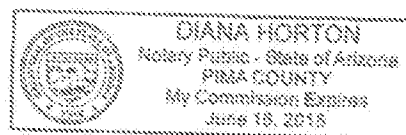
State of Arizona)
)
County of Pima) ss.

On this 27th day of January, 2015, before me personally appeared Taylor Shingler, whose identity was proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this document, and who acknowledged that he/she executed this document in my presence, and who acknowledged to me that this document was executed by his/her own free will for the purpose set forth therein.



Notary Public

My Commission Expires: June 16, 2015



COUNTERPART SIGNATURE PAGE
ASSIGNMENT FROM ZHANG ET AL.

ASSIGNOR:

Dated: 20th Jan. 2015

Donald Johnson
Donald Johnson

State of Arizona)
) ss.
County of Pima)

On this 20th day of January, 2015, before me personally appeared Donald Johnson, whose identity was proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this document, and who acknowledged that he/she executed this document in my presence, and who acknowledged to me that this document was executed by his/her own free will for the purpose set forth therein.

Diana Norton
Notary Public
My Commission Expires June 16, 2015

