502663783 02/03/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2710391

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FARIBORZ IZADYAR	02/12/2013
KYLE HOWERTON	02/12/2013
JASON PACCHIAROTTI	02/12/2013
MARNIE OMSTEAD	02/12/2013

RECEIVING PARTY DATA

Name:	PRIMEGEN BIOTECH LLC
Street Address:	213 TECHNOLOGY DRIVE, SUITE 100
City:	IRVINE
State/Country:	CALIFORNIA
Postal Code:	92618

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14171055

CORRESPONDENCE DATA

Fax Number: (949)253-0902 Phone: 9492530900

Email: dawn.avila@klgates.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: K&L GATES LLP

Address Line 1: 1 PARK PLAZA, 12TH FLOOR
Address Line 4: 1RVINE, CALIFORNIA 92614

ATTORNEY DOCKET NUMBER:	1951314.00064
NAME OF SUBMITTER:	MICHELLE GLASKY BERGMAN
Signature:	/Michelle Glasky Bergman/
	PATENT

502663783 REEL: 032119 FRAME: 0770

Date: 02	02/03/2014
Total Attachments: 7 source=1951314-64-Executed_Assignment#pa source=1951314-64-Executed_Assignment#pa source=1951314-64-Executed_Assignment#pa source=1951314-64-Executed_Assignment#pa source=1951314-64-Executed_Assignment#pa source=1951314-64-Executed_Assignment#pa source=1951314-64-Executed_Assignment#pa	age2.tif age3.tif age4.tif age5.tif age6.tif

PATENT REEL: 032119 FRAME: 0771

ASSIGNMENT

Pachiarotti Pento Marnie Olmstead THIS ASSIGNMENT is made by Fariboz Izadyar, Jason Pachiarotti, Marni Olmsted, Kyle Howerton, and Thomas Ramos having a principal place of residence in Irvine, CA (hereafter, together with any successors, legal representatives, or assigns thereof, "ASSIGNORS") to PrimeGen Biotech LLC, having a place of business at 213 Technology Drive, Suite 100, Irvine. CA 92618 USA (hereafter, together with any successors, legal representatives, or assigns thereof, "ASSIGNEE").

WHEREAS, ASSIGNORS have invented and own rights in, to and under a new and useful invention for which an application(s) for Letters Patent has been filed as indicated below (hereafter "Invention");

filed February 1, 2013 U.S. Patent Application bearing Serial No. US 61/759,906

WHEREAS, ASSIGNORS believe themselves to be the original and true inventors of the Invention:

WHEREAS, ASSIGNEE desires to acquire the Invention and improvements thereto:

AND WHEREAS, ASSIGNORS and ASSIGNEE desire to have a recordable instrument assigning ASSIGNEE as owners of the entire right, title and interest in, to, and under the Invention and improvements thereto owned by ASSIGNORS:

NOW THEREFORE, for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS do hereby sell, assign, transfer, convey, endorse, and hereby set over unto ASSIGNEE the full and exclusive right, title and interest in, to and under the Invention to be held and enjoyed by ASSIGNEE, as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment and sale not been made including the full and exclusive right, title and interest in, to and under 1) any patent application, or any other legal instrument equivalent thereof, including, without limitation, continuation, division, continuation-in-part, substitute, reexamination, renewal, inventor's certificate, and utility model, which has been or may be submitted therefor and thereon anywhere in the World, such term defined herein as including the United States of America, its territorial possessions, and any and all foreign countries under national laws or under the provisions of the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, or any other international treaty equivalent thereof; 2) any Letters Patent, or any other legal instrument equivalent thereof, which has been or may be granted therefor and thereon, in the World, for the full term or terms for which the same may be granted; 3) any reissue, extension, or any other legal instrument equivalent thereof, on any patent application or Letters Patent which has been or may be granted therefor and thereon in the World; and 4) any right to claim priority to a filing date, or any other legal equivalent thereof, which has been or may be claimed by any patent application or Letters Patent therefor and thereon in the World.

ASSIGNORS hereby covenant and agree to perform any lawful action when deemed essential by and to ASSIGNEE's full enjoyment, protection, enforcement and title in, to and under the Invention and rights hereby transferred, including, but not limited to, promptly communicating and providing any and all known and accessible facts, data or any other pertinent information; promptly executing and delivering any and all papers, documents, forms, declarations, oaths, affidavits or any other legal instrument; promptly assisting and participating in any and all depositions, hearings, proceedings, trials, appeals, or any other legal procedure; promptly testifying under oath in any and all interference, post grant review, litigation or any other

administrative or judicial proceeding; and promptly completing any and all actions necessary or desirable to carry out any and all purposes thereof, relating to any and all proceedings in connection with the submission, procurement, issuance, maintenance, enforcement or defense of the invention and rights hereby transferred.

IN TESTIMONY WHEREOF, I hereunder set my hand this 12 day of 2, 2013

ASSIGNOR

Printed Name Fariborz Izadýar

Signature -

State of CACIFORNIA

County of ORANG ()

ss.:

On this 12 may of CERUARY, 2013, before me, PANHAJ P.DESAI, NOTHRY FUBLE of personally appeared Fariborz Izadyar, who 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.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

Witness my hand and official seal.

Notary Public

PANKAJ P. DESAI
Commission # 1993387
Notary Public - California
Alameda County
My Comm. Expires Oct 7, 2016

2 of 6

IN TESTIMONY WHEREOF, I hereunder set my hand this 12 day of february, 2013.

ASSIGNOR

Printed Name Kyle Howerton

Signature

State of CACIFORNIA

ss.:

County of OPANGE

On this 12th day of FERVARY, 2013, before me, ANKAJP DESALINGTARY PUBLIC personally appeared **Kyle Howerton**, who 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.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

Witness my hand and official seal.

Notary Public

PANKAJ P. DESAI
Commission & 1993387
Notary Public - California
Alameda County
My Comm. Expires Oct 7, 2016

IN TESTIMONY WHEREOF, I hereunder set my hand this 12 day of february, 2013.
ASSIGNOR
Printed Name Jason Pachiarotti Pacchiarotti Signature
State of CACIFORNIA) ss.: County of OPANGE) On this 12 Hoday of FEBRUARY, 2013, before me, PANKAT P.DESALNOTARY PUBLIC personally appeared Jason Pachiarotti, who 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. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
Witness my hand and official seal. So Afforded CA. Notary Public Ole progresses AcR.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California	
County of OPANGE	
On 52/12/2013 before me, PANKE personally appeared Truson Pace	HJ P. DESAL, NOTARY PUBLIC
Date Takon Pacc	Here Insert Name and Title of the Officer
personally appeared	Name(s) of Signer(s)
PANKAJ P. DESAI Commission # 1993387 Notary Public - California Alameda County My Comm. Expires Oct 7, 2016	who proved to me on the basis of satisfactory evidence to be the person(\$) whose name(\$) is/a/e subscribed to the within instrument and acknowledged to me that ne/s/pe/th/y executed the same in his/h/er/th/pir authorized capacity(ie/s), and that by his/h/er/th/pir signature(\$) on the instrument the person(\$), or the entity upon behalf of which the person(\$) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. WITNESS my hand and official seal. Signature Signature of Notary Public
Though the information below is not required by law, it n	nay prove valuable to persons relying on the document
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Signer's Name:	Signer's Name: Individual Corporate Officer — Title(s): Partner — Limited General Attorney in Fact OF SIGNER Top of thumb here Top of thumb here Other: Signer Is Representing:
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IN TESTIMONY WHEREOF, I hereunder set my hand this 2 day of February, 20)3	
ASSIGNOR	
Printed Name Marnie Marnie Olmstead Signature	
State of)	
County of) ss.:	
On this day of, 2013, before me,, personally appeared Marni Olmsted , who 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.	
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.	
Witness my hand and official seal.	
Le Altreback A. Notary Public Rel purposes Ach.	

California all-pumpuse a	entermen i
State of California County of	
0 02/12/2013 hetore me PAI	Y HAJ P. DESHI, NOTARY PUBCIC Here Insert Name and Tille of the Officer SCM STEAD Name(6) of Signe(6)
Date OAA OA) T. F.	Here Insert Name and Title of the Officer
personally appeared	Name(s) of Signer(s)
PANKAJ P. DESAI Commission # 1993387 Notary Public - California Alameda County My Comm. Expires Oct 7, 2016	who proved to me on the basis of satisfactory evidence to be the person(\$\pi\$) whose name(\$\pi\$) is/aye subscribed to the within instrument and acknowledged to me that \$\pi\$/she/they executed the same in \$\pi\$/her/their authorized capacity(ies), and that by \$\pi\$/her/their signature(\$\pi\$) on the instrument the person(\$\pi\$), or the entity upon behalf of which the person(\$\pi\$) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. WITNESS my hand and official seal.
Place Notery Sent Above	Signature Par flag P. Deser
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