

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3092879

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
VIVEK K. VISHNUDAS	09/18/2014
RANGAPRASAD SARANGARAJAN	09/17/2014
NIVEN RAJIN NARAIN	09/16/2014
MIN DU	09/24/2014
TONY WALSHE	09/15/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BERG LLC
<b>Street Address:</b>	1845 ELM HILL PIKE
<b>City:</b>	NASHVILLE
<b>State/Country:</b>	TENNESSEE
<b>Postal Code:</b>	37210
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13607587
<b>PCT Number:</b>	US2012054321
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)607-9200
<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>	
<b>Phone:</b>	617-449-6500
<b>Email:</b>	lmargolis@mccarter.com
<b>Correspondent Name:</b>	MCCARTER & ENGLISH, LLP
<b>Address Line 1:</b>	265 FRANKLIN STREET
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02110
<b>ATTORNEY DOCKET NUMBER:</b>	119992-06104
<b>NAME OF SUBMITTER:</b>	JILL A. MELLO, PH.D.
<b>SIGNATURE:</b>	/Jill Mello/
<b>DATE SIGNED:</b>	11/04/2014
<b>Total Attachments: 6</b>	
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source=119992\_06104\_20\_Assignment (fully executed)#page6.tif

## ASSIGNMENT BY INVENTORS

WE, Vivek K. Vishnudas, Rangaprasad Sarangarajan, Niven Rajin Narain, Min Du, and Tony Walshe of Bedford, Massachusetts; Boylston, Massachusetts; Cambridge, Massachusetts; Acton, Massachusetts; and Boston, Massachusetts, respectively, in consideration of One Dollar and other valuable consideration paid to us by

Berg LLC (f.k.a. Berg Pharma, LLC)

a Corporation of Delaware, having its principal place of business at 1845 Elm Hill Pike, Nashville, Tennessee 37210, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

Berg LLC (f.k.a. Berg Pharma, LLC)

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

### INTERROGATORY CELL-BASED ASSAYS AND USES THEREOF

described in an application(s)

☐ Executed by us of even date herewith and about to be filed

or

☒ Application No. 13/607,587, filed on September 7, 2012

and

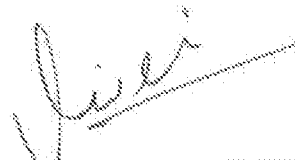
☒ Application No. PCT/US2012/054321, filed on September 7, 2012

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon, effective as of September 7, 2012. And we agree, for ourselves and our executors and administrators, with said Corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said Corporation, with specifications and claims in such form as shall be approved by the counsel of said Corporation and to vest and confirm in said Corporation, its successors and assigns, the legal title to all such patents.

**PATENT**

**REEL: 034095 FRAME: 0564**

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said Corporation, its successors and assigns.

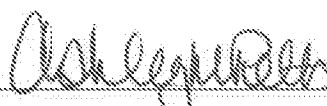


Vivek K. Vishnudas

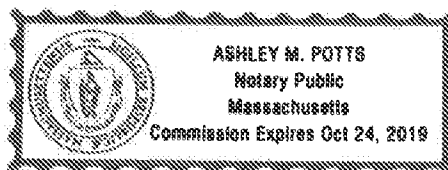
Date: 09/18/2014


United States of America )  
Commonwealth of Massachusetts ) ss.:  
County of Middlesex )

On this 18<sup>th</sup> day of September, 2014 before me, the  
the undersigned notary public, personally appeared Vivek K. Vishnudas  
(name of document signer), proved to me through satisfactory evidence of identification,  
which was that he is known to me personally, to be the person whose name  
is signed on the preceding or attached document in my presence.

 (official signature and seal of notary)

My commission expires Oct 24, 2019



  
Rangaprasad SARANGARAJAN

Date:

9/17/14

United States of America

Commonwealth of Massachusetts ) ss.:

County of Middlesex )

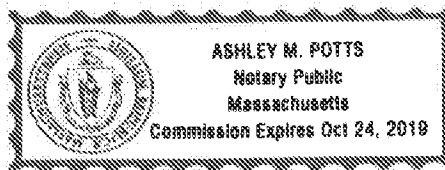
On this 17<sup>th</sup> day of September, 2014 before me, the  
the undersigned notary public, personally appeared Rangaprasad SARANGARAJAN  
(name of document signer), proved to me through satisfactory evidence of identification,  
which was that he is known to me personally, to be the person whose name  
is signed on the preceding or attached document in my presence.

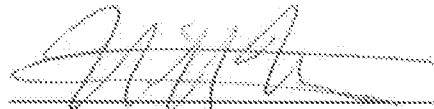


(official signature and seal of notary)

My commission expires

Oct. 24, 2019





Niven Rajin NARAIN

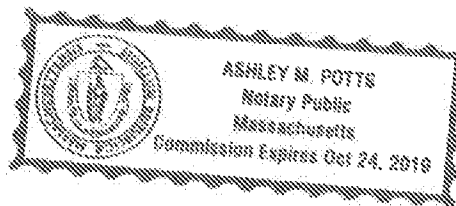
Date: Sept 16, 2014

United States of America )  
Commonwealth of Massachusetts ) ss.:  
County of Middlesex )

On this 16<sup>th</sup> day of September, 2014 before me, the  
the undersigned notary public, personally appeared Niven Rajin NARAIN  
(name of document signer), proved to me through satisfactory evidence of identification,  
which was \_\_\_\_\_ that he is known to me personally \_\_\_\_\_, to be the person whose name  
is signed on the preceding or attached document in my presence.

Ashley M. Potts (official signature and seal of notary)

My commission expires Oct 24, 2019

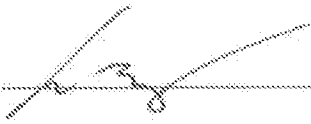


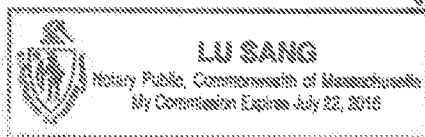
  
Min DU

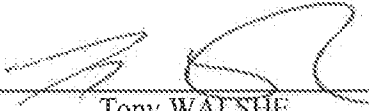
Date: 08/24/2014

United States of America )  
Commonwealth of Massachusetts ) ss.:  
County of Middlesex )

On this 24th day of September, 2014 before me, the  
the undersigned notary public, personally appeared Min DU  
(name of document signer), proved to me through satisfactory evidence of identification,  
which was MA Driver's License ~~that she is known to me personally~~, to be the person whose name  
is signed on the preceding or attached document in my presence.

  
(official signature and seal of notary)  
My commission expires July 22, 2016

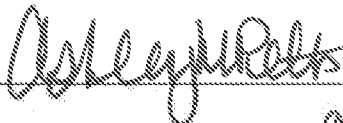


  
\_\_\_\_\_  
Tony WALSHE

Date: September 15, 2014

United States of America )  
Commonwealth of Massachusetts ss.:  
County of Middlesex )

On this 15 day of September, 2014 before me, the  
the undersigned notary public, personally appeared Tony WALSHE  
(name of document signer), proved to me through satisfactory evidence of identification,  
Rebecca S. Hoffman that he is known to me personally, to be the person whose name  
which was is signed on the preceding or attached document in my presence.

  
\_\_\_\_\_  
(official signature and seal of notary)  
My commission expires October 24, 2019

