

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2625541

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>HAYLEY BINCH</td> <td>10/23/2009</td> </tr> <tr> <td>LEV T.D. FANNING</td> <td>10/23/2009</td> </tr> <tr> <td>MARTYN BOTFIELD</td> <td>01/11/2010</td> </tr> <tr> <td>PETER D.J. GROOTENHUIS</td> <td>10/30/2009</td> </tr> <tr> <td>FREDRICK VAN GOOR</td> <td>10/23/2009</td> </tr> <tr> <td>MEHDI MICHEL DJAMEL NUMA</td> <td>10/23/2009</td> </tr> </tbody> </table>		Name	Execution Date	HAYLEY BINCH	10/23/2009	LEV T.D. FANNING	10/23/2009	MARTYN BOTFIELD	01/11/2010	PETER D.J. GROOTENHUIS	10/30/2009	FREDRICK VAN GOOR	10/23/2009	MEHDI MICHEL DJAMEL NUMA	10/23/2009
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MEHDI MICHEL DJAMEL NUMA	10/23/2009														
RECEIVING PARTY DATA															
Name:	VERTEX PHARMACEUTICALS INCORPORATED														
Street Address:	130 WAVERLY STREET														
City:	CAMBRIDGE														
State/Country:	MASSACHUSETTS														
Postal Code:	02139														
PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14074158</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14074158										
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Application Number:	14074158														
CORRESPONDENCE DATA															
Fax Number:	(617)341-6483														
Phone:	8584045358														
Email:	usptopatents@vrtx.com														
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>															
Correspondent Name:	VERTEX PHARMACEUTICALS INCORPORATED														
Address Line 1:	130 WAVERLY STREET														
Address Line 4:	CAMBRIDGE, MASSACHUSETTS 02139														
ATTORNEY DOCKET NUMBER:	VPI/08-129 US DV2														
NAME OF SUBMITTER:	LAUREN M. DEVINCENZO														

CH \$40.00 14074158

Signature:	/Lauren M. DeVincenzo/
Date:	11/22/2013
Total Attachments: 9 source=08-129USDV1-Assignment#page1.tif source=08-129USDV1-Assignment#page2.tif source=08-129USDV1-Assignment#page3.tif source=08-129USDV1-Assignment#page4.tif source=08-129USDV1-Assignment#page5.tif source=08-129USDV1-Assignment#page6.tif source=08-129USDV1-Assignment#page7.tif source=08-129USDV1-Assignment#page8.tif source=08-129USDV1-Assignment#page9.tif	

ASSIGNMENT

I/We,

- (1) Hayley Binch, of Encinitas, California;
- (2) Lev T.D. Fanning, of San Marcos, California;
- (3) Martyn Botfield, of Concord, Massachusetts;
- (4) Peter D.J. Grootenhuis, of San Diego, California;
- (5) Fredrick van Goor, of San Diego, California; and
- (6) Mehdi Michel Djamel Numa, of San Diego, California

for good and valuable consideration, receipt of which is hereby acknowledged, have assigned, sold and transferred to, and do hereby assign, sell and transfer to, Vertex Pharmaceuticals Incorporated, a corporation organized and existing under the laws of the Massachusetts and having an office and a place of business at 130 Waverly Street, Cambridge, MA 02139, its successors and assigns, all hereinafter referred to as the ASSIGNEE:

(1) the entire right, title and interest in the United States and in all countries throughout the world in and to any and all of my/our inventions, and discoveries disclosed in:

(a) the application for United States Letters Patent entitled: MODULATORS OF CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR, and filed in the United States Patent and Trademark Office on October 23, 2009, under Application Number 12/605,250,¹ including any renewals, revivals, reissues, reexaminations, extensions, continuations, and divisions thereof, and any substitute applications there from, and/or

(b) the International Patent Application entitled: MODULATORS OF CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR, filed under the Patent Cooperation Treaty in the United States Receiving Office on October 23, 2009 under Application No.: PCT/US 2009/061932,² and designating all countries, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof, and any substitute applications there from;

¹ I/We authorize and request ASSIGNEE to insert the filing date and/or application number of said application when known.

² I/We authorize and request ASSIGNEE to insert the filing date and/or application number of said application when known.

(2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our names at the election of the ASSIGNEE or its designee, on the aforesaid inventions, discoveries and applications in the United States and in any other country of the world;

(3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any other country of the world, and in and to any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof; and

(4) the entire right, title and interest in and to all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications including, but not limited to, the following priority application(s):

61/107,844	USA	October 23, 2008
Application No.	Country	Filing Date

and all rights of priority in any country of the world deriving from the above-identified International Patent Application.

I/We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.

I/We agree, at any time, upon the request of the ASSIGNEE to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries or applications, and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

I/We further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

Hayley Binch

Hayley Binch

Date: 23rd October 2009

State of California

County of San Diego

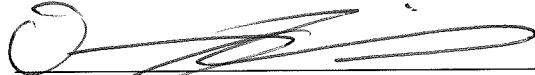
On this 23rd day of October, 2009, before me, the undersigned notary public, personally appeared Hayley Binch, proved to me through satisfactory evidence of identification which were a driver's license, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

Ofelia Rosado

Notary Public

My Commission Expires: May 2, 2010





Lev T.D. Fanning

Date: 10/23/09

State of California

County of San Diego

On this 23rd day of October, 2009, before me, the undersigned notary public, personally appeared Lev T.D. Fanning, proved to me through satisfactory evidence of identification which were a driver's license, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

Ofelia Rosado
Notary Public
My Commission Expires: May 2, 2010



Martyn Botfield
Martyn Botfield

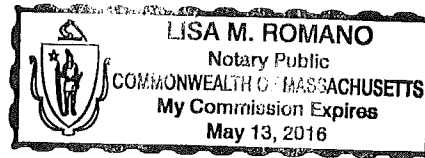
Date: 11 JAN 2010

State of Massachusetts

County of Middlesex

On this 11th day of JANUARY, ²⁰¹⁰ 2009, before me, the undersigned notary public, personally appeared Martyn Botfield, proved to me through satisfactory evidence of identification which were Personal Knowledge, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

Lisa M. Romano
Notary Public
My Commission Expires: 5-13-2016



[Handwritten Signature]

Peter D.J. Grootenhuis

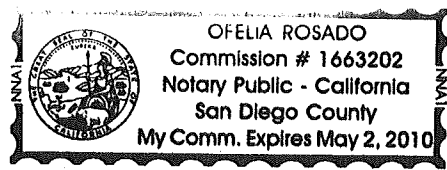
Date: 10/30/2009

State of California

County of San Diego

On this 30th day of Oct, 2009, before me, the undersigned notary public, personally appeared Peter D.J. Grootenhuis, proved to me through satisfactory evidence of identification which were driver's license, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

Ofelia Rosado
Notary Public
My Commission Expires: May 2, 2010





Fredrick van Goor

Date: Oct 23 2009

State of California

County of San Diego

On this 23rd day of October, 2009, before me, the undersigned notary public, personally appeared Fredrick van Goor, proved to me through satisfactory evidence of identification which were a driver's license, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

Ofelia Rosado

Notary Public
My Commission Expires: May 2, 2010



M. Numa
Mehdi Michel Djamel Numa

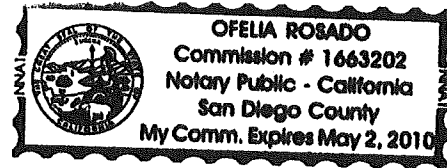
Date: October 23rd 2009

State of California

County of San Diego

On this 23rd day of October, 2009, before me, the undersigned notary public, personally appeared Mehdi Michel Djamel Numa, proved to me through satisfactory evidence of identification which were a driver's license, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

Ofelia Rosado
Notary Public
My Commission Expires: May 2, 2010



ACKNOWLEDGMENT OF ASSIGNEE

By: [Signature]

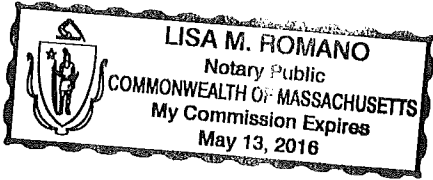
Title: Chief Patent Counsel

Date: January 12, 2010

State of Massachusetts
County of Middlesex

On this 12th day of January, ~~2009~~ ²⁰¹⁰, before me, the undersigned notary public, personally appeared Stephen Nesbitt (name of document signer), proved to me through satisfactory evidence of identification which were personal knowledge, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

Lisa M. Romano
Notary Public
My Commission Expires: 5/13/2016



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