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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PART	Y DATA			
		Name	Execution Date	
Juan-Miguel Jimenez			06/04/2007	
Ronald Knegtel			06/04/2007	
Daniel Robinson			06/11/2007	
Philip Collier			07/12/2007	
RECEIVING PARTY	Ź DATA			
Name:	Vertex Pharmac	Vertex Pharmaceuticals Incorporated		
Street Address:	130 Waverly Str	eet		
City:	Cambridge			
State/Country:	MASSACHUSE	ITS		
Postal Code:	02139			
PROPERTY NUMB		Num	ber	
		786464		
CORRESPONDENC Fax Number: <i>Correspondence win</i> Phone: Email: Correspondent Nam Address Line 1: Address Line 4:	(617)444-6 <i>II be sent via US Ma</i> 617-444-65 Jennifer_Ci ne: Jennifer G. 130 Waver	<i>il when the fax attempt is unsuccess</i> 25 ne@vrtx.com Che	sful.	
ATTORNEY DOCKET NUMBER:		VPI/06-103 US		
NAME OF SUBMITTER:		Jennifer G. Che		
Total Attachments: 2 source=06103asn#p 500350526			PATENT REEL: 019802 FRAME: 0225	

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ASSIGNMENT

I/We,

(1) Juan-Miguel Jimenez, of Oxfordshire, United Kingdom;

(2) Ronald Knegtel, of Oxfordshire, United Kingdom;

(3) Daniel Robinson, of Oxfordshire, United Kingdom; and

(4) Philip Collier, of Oxfordshire, United Kingdom;

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 Commonwealth of 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: THIAZOLES, IMIDAZOLES, AND PYRAZOLES USEFUL AS INHIBITORS OF PROTEIN KINASES, and filed in the United States Patent and Trademark Office on April 11, 2007, under Application Number 11/786,464, including any renewals, revivals, reissues, reexaminations, extensions, continuations, and divisions thereof, and any substitute applications therefor, and/or

(b) the International Patent Application entitled: THIAZOLES, IMIDAZOLES, AND PYRAZOLES USEFUL AS INHIBITORS OF PROTEIN KINASES, filed under the Patent Cooperation Treaty in the United States Receiving Office on April 11, 2007, under Application No. PCT/US07/08819, and designating all countries, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof, and any substitute applications therefor;

(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):

60/791,083	US	April 11, 2006
Application No.	Country	Filing Date
Application No.	Country	Filing Date

and all rights of priority in any country of the world deriving from the aboveidentified 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

Page 2 of 7 PATENT REEL: 019802 FRAME: 0228

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.

•

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(1) Juan-Miguel Jimenez
Date:
IN WITNESS WHEREOF, I have hereunto set hand and seal
Signature of witness:
Printed Name of Witness:
This day of Date of signing
Date of signing
IN WITNESS WHEREOF, I have hereunto set hand and seal
Signature of witness:
Printed Name of Witness:
This day of
Date of signing

Page 3 of 7

(2) Ronald Knegtel

Date: _____

.

IN WITNESS WHEREOF, I have hereunto set hand and seal
Signature of witness:
Printed Name of Witness:
This day of
Date of signing
IN WITNESS WHEREOF, I have hereunto set hand and seal
Signature of witness:
Printed Name of Witness:
This day of
Date of signing

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Page 4 of 7

(3) Daniel Robinson
Date:
N WITNESS WHEREOF, I have hereunto set hand and seal
ignature of witness:
rinted Name of Witness:
his day of Date of signing
N WITNESS WHEREOF, I have hereunto set hand and seal
ignature of witness:
rinted Name of Witness:
This day of Date of signing

Page 5 of 7

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4

(4) Philip Collier Date: $\frac{\frac{12}{7}\sqrt{7}}{7}$

IN WITNESS WHEREOF, I have hereunto set hand and seal

.

Signature of witness:	
Printed Name of Witness: <u>SJAMES</u>	
This 12 day of July 2007 Date of signing	
IN WITNESS WHEREOF, I have hereunto set hand and seal	
Signature of witness:	
Printed Name of Witness: MCALNS	

•	—		
This 12 day of	July	2007	
······································		Date of signing	

ACKNOWLEDGMENT OF ASSIGNEE

By:

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Stephen L. Nesbitt Chief Patent Counsel VERTEX PHARMACEUTICALS INCORPORATED

Date: _____

_____ of ______ County of ______

On this ______ day of ______, 2007, before me, the undersigned notary public, personally appeared Stephen L. Nesbitt (name of document signer), proved to me through satisfactory evidence of identification which was/were: \Box personal knowledge of identity, \Box a driver's license, \Box other (please identify) ______, 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.

Notary Public My Commission Expires:_____.

ASSIGNMENT

I/We,

(1) Juan-Miguel Jimenez, of Oxfordshire, United Kingdom;

(2) Ronald Knegtel, of Oxfordshire, United Kingdom;

(3) Daniel Robinson, of Oxfordshire, United Kingdom; and

(4) Philip Collier, of Oxfordshire, United Kingdom;

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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):

60/791,083	US	April 11, 2006
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Page 2 of 7 PATENT REEL: 019802 FRAME: 0235

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(1) Juan-Miguel Jimenez
Date:
IN WITNESS WHEREOF, I have hereunto set hand and seal
Signature of witness:
Printed Name of Witness:
This day of
Date of signing
IN WITNESS WHEREOF, I have hereunto set hand and seal
Signature of witness:
Printed Name of Witness:
This day of Date of signing

PATENT REEL: 019802 FRAME: 0236

Page 3 of 7

(2) Ronald Knegtel

Date: _____

IN WITNESS WHEREOF, I have hereunto set hand and seal
Signature of witness:
Printed Name of Witness:
This day of Date of signing
Date of signing
IN WITNESS WHEREOF, I have hereunto set hand and seal
Signature of witness:
Printed Name of Witness:
This day of
Date of signing

-

I D. Robinson Le

(3) Daniel Robinson

Date: 11-6-07

IN WITNESS WHEREOF, I have hereunto set hand and seal
Signature of witness:
Printed Name of Witness POLIESH RAMAMANA
This 1)th day of June, 2007
Date of signing

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness:	-
Printed Name of Witness: <u>HINA Se Jara</u>	_
This 11^{\prime} day of 100^{\prime} Date of signing	•

(4) Philip Collier

Date:_____

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness:

Printed Name of Witness:

This _____ day of _____ Date of signing

•

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness:	
Printed Name of Witness:	

This _____ day of _____ Date of signing

.

ACKNOWLEDGMENT OF ASSIGNEE

By: ______ Stephen L. Nesbitt Chief Patent Counsel VERTEX PHARMACEUTICALS INCORPORATED

Date: _____

_____ of _____

On this ______ day of ______, 2007, before me, the undersigned notary public, personally appeared Stephen L. Nesbitt (name of document signer), proved to me through satisfactory evidence of identification which was/were: \Box personal knowledge of identity, \Box a driver's license, \Box other (please identify) ______, 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.

Notary Public My Commission Expires:______.

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(2) Ronald Knegtel, of Oxfordshire, United Kingdom;

(3) Daniel Robinson, of Oxfordshire, United Kingdom; and

(4) Philip Collier, of Oxfordshire, United Kingdom;

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(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

Page 1 of 7 PATENT REEL: 019802 FRAME: 0241

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

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Application No.	Country	Filing Date
Application No.	Country	Filing Date

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Page 2 of 7 REEL: 019802 FRAME: 0242

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(1) Juan-Miguel Jimenez

Date: 64/06/2007

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness:
Printed Name of Witness: <u>Space S</u>
This 4 day of JUNE 2007
Date of signing
IN WITNESS WHEREOF, I have hereunto set hand and seal Signature of witness:

This 4 day of JUNE 2007 Date of signing

Page 3 of 7

(2) Ronald Knegtel

Date: 4/6/07

IN WITNESS WHEREOF, I have hereunto set hand and seal
Signature of witness:
Printed Name of Witness: <u>Sjames</u>
This 4 day of JUNE 2007 Date of signing
IN WITNESS WHEREOF, I have hereunto set hand and seal Signature of witness:
Printed Name of Witness: Kalen master
This 4 day of JUNE 2007 Date of signing
Date of signing

Page 4 of 7

(3) Daniel Robinson
Date:
IN WITNESS WHEREOF, I have hereunto set hand and seal
Signature of witness:
Printed Name of Witness:
This day of Date of signing
IN WITNESS WHEREOF, I have hereunto set hand and seal
Signature of witness:
Printed Name of Witness:
This day of Date of signing

May lite
(4) Philip Collier
Date:
m
IN WITNESS WHEREOF, I have hereunto set hand and seal
Signature of witness:
Printed Name of Witness: S) mes
This 4 day of JUNG OF
Date of signing
IN WITNESS WHEREOF, I have hereunto set hand and seal
Signature of witness:
Printed Name of Witness: Kolew Marro
This K day of JONE OF
Date of signing

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ACKNOWLEDGMENT OF ASSIGNEE

By:

Stephen I. Nesbitt Chief Patent Counsel VERTEX PHARMACEUTICALS INCORPORATED

Date: Veptember 5, 2007

Commonwealth of MA

On this 5+h day of seph, 2007, before me, the undersigned notary public, personally appeared Stephen L. Nesbitt (name of document signer), proved to me through satisfactory evidence of identification which was/were: \Box personal knowledge of identity, \Box a driver's license, \Box other (please identify) _____, 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.

BUNIN. DeVINCONZO

Notary Public My Commission Expires: <u>/ ラーズっつ</u>み

