Attorney Docket No.: VPI/04-105 US

		ORM COVER SHEET TS ONLY	
FORM PTO-1596 (Rov. 6-93) OMB No. 0651-0011 (exp. 4/94)			U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
Please re	ecord the attached orig	ginal documents or cop	y thereof.
1. Name of conveying party(les): Francesco Salituro, (executed 9/19/05) Luc Parmer, (executed 9/19/05) Randy Bethiel. (executed 9/20/05) Edmund Harrington, (executed 9/21/05) John Court, (executed 9/19/05) John Court, (executed 9/19/05) John Court, (executed 9/19/05) John Court, (executed 9/20/05) Alox Aronov, (executed 9/20/05) Alox Aronov, (executed 9/20/05) Haylay Binch, (axecuted 9/20/05) Dean Boyall, (executed 9/23/05) Dean Boyall, (executed 9/23/05) Simon Everitt, (executed 9/23/05) Damien Fraysas, (executed 9/23/05) Michael Mortimore, (executed 9/23/05) Daniel Robinson, (executed 9/23/05) Jian Wang, (executed 9/19/05) Joanne Pinder, (executed 9/23/05) Tiansheng Wang, (executed 9/20/05)		Name: VERTEX Internal Address: Street Address:	of receiving party(tea) PHARMACEUTICAUS INCORPORATED 130 WAVERLY STREET CAMBRIDGE, MASSACHUSETTS 02139-4242 & address(as) anached? ☐ Yes ☒ No
Additional name(s) of conveying party(ies) attach 3. Nature of conveyance: Assignment	r e of Name		
4. Application number(s) or patent number(s): If this document is being filed together with a new s	application, the execution d	ale of the application is	
A. Patent Application No(8):		B, Patent No(s):	
11/093,821	Additional numbers attac	shed? 🔲 Yes 🗵 No	
5. Name and address of party to whom corresponde Concerning document should be mailed: Name: Karen E. Brown Address: VERTEX PHARMACEUTICAL: 130 Waverly Street Cambridge, MA 02139-4242		7. Total fee (37 CFR. Enclosed	inplications and patents involved: [1] i.41) \$40.00 Identify a suppose the state of the state o
DO NOT USE THIS SPACE			
9. Statement and signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.			
Karen E. Brown, Reg. No. 43,866	Karen E. T.	zun	September 27, 2005
Name of Person Signing.	Signatur	<u> </u>	- Date
Total number of pages including cover sheet, attachment	s, and document: [43]		·

Mail documents to be recorded with required cover sheet information to:

Attorney Docket No.: 04-105 US

ASSIGNMENT

I/We.

- (1) Francesco Salituro, of Marlboro, MA;
- (2) Luc Farmer, of Foxboro, MA;
- (3) Randy Bethiel, of Lexington, MA;
- (4) Edmund Harrington, of Plymouth, MA;
- (5) Jeremy Green, of Burlington, MA;
- (6) John Court, of Littleton, MA;
- (7) Jon Come, of Cambridge, MA;
- (8) David Lauffer, of Stow, MA;
- Alex Aronov, of Watertown, MA;
- (10) Hayley Binch, of Great Britain;
- (11) Dean Boyall, of Great Britain;
- (12) Jean-Damien Charrier, of Great Britain;
- (13) Simon Everitt, of Great Britain;
- (14) Damien Fraysse, of Great Britain;
- (15) Michael Mortimore, of Great Britain;
- (16) Françoise Pierard, of Great Britain;
- (17) Daniel Robinson, of Great Britain;
- (18) Jian Wang, of Newton, MA;
- (19) Joanne Pinder, of Great Britain; and
- (20) Tiansheng Wang, of Concord, MA;

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:
 AZAINDOLES USEFUL AS INHIBITORS OF JAK AND OTHER PROTEIN
 KINASES, and filed in the United States Patent and Trademark Office on March 30,
 2005, under Application Number 11/093,821, including any renewals, revivals, reissues,
 reexaminations, extensions, continuations, and divisions thereof, and any substitute
 applications therefor, and/or
- (b) the International Patent Application entitled: AZAINDOLES USEFUL AS INHIBITORS OF JAK AND OTHER PROTEIN KINASES, filed under the Patent Cooperation Treaty in the United States Receiving Office on March 30, 2005 under Application No. PCT/US05/10846 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):

60/557,503	United States	March 30, 2004
Application No.	Country	Filing Date
60/625,599	United States	November 5, 2004
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 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.

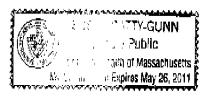
(1) Francesco Salituro

Date: 9-19 65

State of Massachusetts County of M. Halloco

personally appeared Francesco Salituro and proved to me through satisfactory evidence of identification 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 heat of his/her knowledge and belief.

My Commission Expires: 5 126/11



(2) Luc Farmer

Date: 9-19-05

State of Massachusekts
County of Michles

On this 10th day of 2005, before me, the undersigned notary public, personally appeared Luc Farmer and proved to me through satisfactory evidence of identification 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: 5 3641

SUSAN BATTY GUNN Notary $Pub\c c$ Commonwealth of Massachusetts My Commission Expans May 26, 2011

Page 4 of 14

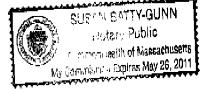
	Mandy A. Belled (3) Randy Bethiel Date: 9/20/05
	(3) Randy Bethiel
	Date: 9/20/05
State of Massachusetts County of Middle sox	·
affirmed to me that the contents of the docu his/her knowledge and belief.	ved to me through satisfactory evidence of is signed on this document and who swore or ment are truthful and accurate to the best of
Notary Public My Commission Expires: 5 26 11.	SUSAN BATTY AND NOTATION OF MANY POSITION OF MANY POSITION OF MANY Commission (1997) (26, 2011)
	(4) Edmund Harrington
	Date:
State of	
	d proved to me through satisfactory evidence he is signed on this document and who swore
Notary Public My Commission Expires:	

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(5) Jeremy Gr		
Date:9	70 OT	

State of Massachuspts
County of Massachuspt

On this 20th day of september 2005, before me, the undersigned notary public, personally Jeremy Green and proved to me through satisfactory evidence of identification 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.

Susan Bodty - Laurn Notary Public My Commission Expires: 5/AINII.



(6) John Court

Date: 9/19/05

State of Mason Livetts
County of Middleso x

On this day of 2005, before me, the undersigned notary public, personally appeared John Court and proved to me through satisfactory evidence of identification 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: 5/3(0//)

SUS AN BATTY-GUNN

Fig. 1. Public

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My Completed an Express May 26, 2011

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	-y — —
775	Inn Como

(7) Jon Come

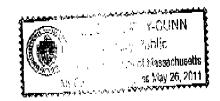
Date: 9-19-05

State of Massachucetts
County of Middle Soy

On this Other day of Sandard, 2005, before me, the undersigned notary public, personally appeared John Court and proved to me through satisfactory evidence of identification 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: 5 | 3(a/1)



(8) David Lauffer

Date: 9 - 20 - 05

State of Massachusetts
County of Middle sox

On this day of the more 2005, before me, the undersigned notary public, personally appeared David Lauffer and proved to me through satisfactory evidence of identification 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 5



	Blu Hon
	(9) Alex Aronov
	Date: 4.12-05
County of Michigan day of Samuel 2005, personally appeared Alex Aronov and providentification to be the person whose name affirmed to me that the contents of the doct his/her knowledge and belief. Notary Public	before me, the undersigned notary public, ed to me through satisfactory evidence of is signed on this document and who swore or ment are truthful and accurate to the best of
My Commission Expires: 5 /26/11.	h y 26, 2011
	(10) Hayley Binch
	Date:
	A-1950-1
IN WITNESS WHEREOF, We have hereun	to set hand and seal
Signature of witness; [PRINT of TYPE NAME]	
this day of Date of signing	
Date of signing	

Page 8 of 14

Rev. 3/2/05

	(11) Dean Boyall
	Date:
IN WITNESS WHEREOF, We have herenn	ito set hand and seal
Signature of witness: [PRINT w TYPE NAME]	
this day of	
	(12) Jean-Damien Chamier
	Date:
IN WITNESS WHEREOF, We have hereum	to set hand and seal
Signature of witness: [PRINT or TYPE NAME]	
this day of Date of signing	

Page 9 of 14

Rev. 3/2/05

	(13) Simon Everitt
	Date:
IN WITNESS WHEREOF, We have hereur	to set hand and seal
Signature of witness: [PRINT WTYPE NAME]	
this day of	
this day of	-
	(14) Damien Fraysse
	Date:
IN WITNESS WHEREOF, We have hereun	to set hand and seal
Signature of witness: TRINT or TYPENAME	
this day of	
this day of Date of signing	

Page 10 of 14

Rev. 3/2/05

	<u> </u>
	(15) Michael Mortimore
	Date:
IN WITNESS WHEREOF, We have hereur	nto set hand and seal
Signature of witness: (FRINT of TYPE NAME)	
this day of	
this day of Date of signing	·
	•
	(16) Fancoise Pierard
	Date:
IN WITNESS WHEREOF, We have hereum	to set hand and seal
Signature of witness: (PRINT or TYPENAME)	
this day of	

Page 11 of 14

	_
(17) Daniel Robinson	
_	
Date:	

IN WITNESS WHEREOF, We have hereunto set hand and seal

Signature of witness: [DRINT or TYDE NAME]

this ____ day of _____.

Date of signing

(18) Jian Wang

Date: 09 19 2005

State of Massachusetts
County of Michael

Notary Public

My Commission Expires: 5/a

SUSAN BATTY-GUNN
Notary Public
Germonwealth of Massochusetts
May Commission Expires May 26, 2011

			(19) Joanne	Pinder		
			Date:			
State of						
personally app identification (affirmed to me	day of beared Joanne Pi to be the person that the conten edge and belief.	inder and pro whose name	ved to me thro is signed on th	ugh satisf nis docum	actory e ent and	vidence of who swore or
Notary Public My Commissi	on Expires:					
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(20) Tiansheng Wang

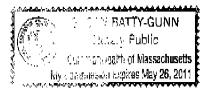
Date: 2/20/01-

State of Massachuse 75
County of Massachuse 75

On this day of 2005, before me, the undersigned notary public, personally appeared Tiansheng Wang and proved to me through satisfactory evidence of identification 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: 5)26/11



Attorney Docket No.: 04-105 U\$

ASSIGNMENT

I/We.

- Francesco Salituro, of Marlboro, MA;
- (2) Luc Farmer, of Foxboro, MA;
- (3) Randy Bethiel, of Lexington, MA;
- (4) Edmund Harrington, of Plymouth, MA;
- (5) Jeremy Green, of Burlington, MA;
- (6) John Court, of Littleton, MA;
- (7) Jon Come, of Cambridge, MA;
- (8) David Lauffer, of Stow, MA;
- (9) Alex Aronov, of Watertown, MA;
- (10) Hayley Binch, of Great Britain,
- (11) Dean Boyall, of Great Britain;
- (12) Jean-Damien Charrier, of Great Britain;
- (13) Simon Everitt, of Great Britain;
- (14) Damien Fraysse, of Great Britain;
- (15) Michael Mortimore, of Great Britain;
- (16) Françoise Pierard, of Great Britain;
- (17) Daniel Robinson, of Great Britain;
- (18) Jian Wang, of Newton, MA;
- (19) Jounne Pinder, of Great Britain; and
- (20) Tiansheng Wang, of Concord, MA;

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:

Page 1 of 14

- (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:
 AZAINDOLES USEFUL AS INHIBITORS OF JAK AND OTHER PROTEIN
 KINASES, and filled in the United States Patent and Trademark Office on March 30,
 2005, under Application Number 11/093,821, including any renewals, revivals, reissues,
 reexaminations, extensions, continuations, and divisions thereof, and any substitute
 applications therefor, and/or
- (b) the International Patent Application entitled: AZAINDOLES USEFUL AS INHIBITORS OF JAK AND OTHER PROTEIN KINASES, filed under the Patent Cooperation Treaty in the United States Receiving Office on March 30, 2005 under Application No. PCT/US05/10846 and designating all countries, including any renewals, revivals, relessues, 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 end 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):

Page 2 of 14

60/557,503	United States	March 30, 2004		
Application No.	Country	Filing Date		
60/625,5 99	United States	November 5, 2004		
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 ma/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.

F.14

	(1) Francesco Salituro
	Date:
State of	<u>—</u>
personally appeared Francesco Salit of identification to be the person wh	, 2005, before me, the undersigned notary public, uro and proved to me through satisfactory evidence ose name is signed on this document and who swon If the document are truthful and accurate to the best
Notery Public My Commission Expires:	<u>_</u> .
	(2) Luc Farmer
	Date:
State ofCounty of	
personally appeared Luc Farmer and identification to be the person whose	2005, before me, the undersigned notary public, it proved to me through satisfactory evidence of a name is signed on this document and who swore on the document are truthful and accurate to the best of
Notary Public My Commission Expires:	

Page 4 of 14

	(3) Randy Bethiel
	Date:
State of	·
personally appeared Randy Bethiel and identification to be the person whose no	05, before me, the undersigned notary public, proved to me through satisfactory evidence of ame is signed on this document and who swore or document are truthful and accurate to the best of
Notary Public My Commission Expires:	
	(4) Edmund Harrington
	Date;
State of	• •
On this day of, 200 personally appeared Edmund Harrington of identification to be the person whose	05, before me, the undersigned notary public, it and proved to me through satisfactory evidence name is signed on this document and who swore a document are truthful and accurate to the best
Notary Public My Commission Expires:	

Page 5 of 14

	(5) Jeremy Green
	Date:
State of	
to be the person whose name is sig	, 2005, before me, the undersigned notary public, wed to me through satisfactory evidence of identification gned on this document and who swore or affirmed to tent are truthful and accurate to the best of his/her
Notary Public My Commission Expires:	
	(6) John Court
	Date:
State of	<u> </u>
On this day of	, 2005, before me, the undersigned notary public, and proved to me through satisfactory evidence of ose name is signed on this document and who swore or if the document are truthful and accurate to the best of
Notary Public My Commission Expires:	

Page 6 of 14

	(7) Jon Come
	Date:
State of	_ _
identification to be the person whose	2005, before me, the undersigned notary public, proved to me through satisfactory evidence of name is signed on this document and who swore or e document are truthful and accurate to the best of
Notary Public My Commission Expires:	_•
	(8) David Lauffer
	Date:
State of	_ _
personally appeared David Lauffer an identification to be the person whose:	2005, before me, the undersigned notary public, and proved to me through satisfactory evidence of name is signed on this document and who swore or document are truthful and accurate to the best of
Notary Public My Commission Expires:	

Page 7 of 14

Date: 23rd September 2005

		(9) Alex Aronov
		Date:
State of		
County of		
personally ap identification affirmed to m his/her knowl	peared Alex Aron to be the person te that the content ledge and belief.	, 2005, before me, the undersigned notary public, nov and proved to me through satisfactory evidence of whose name is signed on this document and who swore or its of the document are truthful and accurate to the best of
Notary Public		
viy Commiss	ion Expires:	
		_ tayley Busi
		(10) Hayley Binch

IN WITNESS WHEREOF, We have hereunto set hand and seal

A.C. LAWTON A.C. LAWTON Signature of witness: (PRINT -- TYPE NAME)

this 23 day of September 2005.

Date of signing

Page 8 of 14

户.15

(11) Dean Boyall

Date: 23-/01/05 ___

IN WITNESS WHEREOF, We have hereunto set hand and seal

A.C. LAWYON A.C. LAWYON

Signature of witness: (MENTA TYPE NAME)

this 27 day of September 2005

(12) Jean-Damien Charrier

Date: 23. Sed. 2005

IN WITNESS WHEREOF, We have hereunto set hand and seal

A.C. LAWTON A.C. LAWTON

Signature of witness: (PRINT of TYPE NAME)

this 23 day of September 2005.

Date of signing

Page 9 of 14

(13) Simon Everitt
Date: 23 Cept '05

IN WITNESS WHEREOF, We have hereunto set hand and seal

A.C. LOWITON A.C. LAWTON

Skynature of withess: (PRINT of TYPE NAME)

this 23 day of <u>September of</u>.

(14) Damien Fraysse

Date: <u>26/09/QS</u>

IN WITNESS WHEREOF, We have hereunto set hand and seal

A.C. LAWTON A.C. LAWTON

Signature of witness: (PRINT or TYPE HAME)

this 26 day of Soptember 2005.

Page 10 of 14

(15) Michael Mortimore

Date: 21 System by 2005

IN WITNESS WHEREOF, We have hereunto set hand and seal

A.C. LOWTON A.C. LAWTON

Signature of witness: [PRINT of TYPE NAME]

this 23 day of September 2005.,

(16) Fancoise Pierard

Date: 16/09/2005

IN WITNESS WHEREOF, We have hereunto set hand and seal

A.C. LIMITON A.C. LANTON

Signature of witness: PREVIOUTIFE NAME:

this 26 day of September 2005.

Date of signing

Page 11 of 14

	Omil o. aking
	(17) Daniel Robinson
	Date: 23-9 (05
IN WITNESS WHEREOF, We have hereund	to set hand and seal
A.C.L.M. A.C. LA Signature of witness: (PRINTS-TYPE PARK)	итон
this 23 day of Suffember 05.	
	(18) Jian Wang
	Date:
State of	
On this day of, 2005, but personally appeared Jian Wang and proved to identification to be the person whose name is affirmed to me that the contents of the documents/her knowledge and belief.	s signed on this document and who swore or
Notary Public My Commission Expires:	

Page 12 of 14

(19) Joanne Pinder

	Date:23/9/05
State of	-
identification to be the person whose affirmed to me that the contents of the	d proved to me through satisfactory evidence of name is signed on this document and who swore or document are truthful and accurate to the best of
Notary Public Commission Expires:	STUART R. B. CAPEL SOLICITOR & NOTARY PUBLIC 6 EAST SAINT HELEN STREET ABINGDON, OXON, OX14 SEW TEL: 01236 - 523411 FAX: 01236 - 539283
	(20) Tlansheng Wang Date:
State of	• -
personally appeared Transheng Wang and identification to be the person whose n	2005, before me, the undersigned notary public, and proved to me through satisfactory evidence of ame is signed on this document and who swore or document are truthful and accurate to the best of
Notzry Public My Commission Expires:	

REEL: 016848 FRAME: 0566

Attorney Docket No.: 04-105 US

ASSIGNMENT

I/We.

- (1) Francesco Salituro, of Marlboro, MA;
- (2) Luc Farmer, of Foxboro, MA;
- (3) Randy Bethiel, of Lexington, MA;
- (4) Edmund Harrington, of Plymouth, MA;
- Jeremy Green, of Burlington, MA;
- (6) John Court, of Littleton, MA;
- (7) Jon Come, of Cambridge, MA;
- (8) David Lauffer, of Stow, MA;
- (9) Alex Aronov, of Watertown, MA;
- (10) Hayley Binch, of Great Britain;
- (11) Dean Boyall, of Great Britain;
- (12) Jean-Damien Charrier, of Great Britain;
- (13) Simon Everitt, of Great Britain;
- (14) Damien Fraysse, of Great Britain;
- (15) Michael Mortimore, of Great Britain;
- (16) Francoise Pierard, of Great Britain;
- (17) Daniel Robinson, of Great Britain;
- (18) Jian Wang, of Newton, MA;
- (19) Joanne Pinder, of Great Britain; and
- (20) Tiansheng Wang, of Concord, MA;

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:

Page 1 of 14

- (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:
 AZAINDOLES USEFUL AS INHIBITORS OF JAK AND OTHER PROTEIN
 KINASES, and filed in the United States Patent and Trademark Office on March 30,
 2005, under Application Number 11/093,821, including any renewals, revivals, reissues, reexaminations, extensions, continuations, and divisions thereof, and any substitute applications therefor, and/or
- (b) the International Patent Application entitled: AZAINDOLES USEFUL AS INHIBITORS OF JAK AND OTHER PROTEIN KINASES, filed under the Patent Cooperation Treaty in the United States Receiving Office on March 30, 2005 under Application No. PCT/US05/10846 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):

60/557,503	United States	March 30, 2004
Application No.	Country	Filing Date
60/625,599	United States	November 5, 2004
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 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.

	(1) Francesco Salituro
	Date:
State of	-
personally appeared Francesco Salituro of identification to be the person whose	2005, before me, the undersigned notary public, and proved to me through satisfactory evidence a name is signed on this document and who swore the document are truthful and accurate to the best
Notary Public My Commission Expires:	
	(2) Luc Farmor
	Date:
State of	-
personally appeared Luc Farmer and pridentification to be the person whose n	005, before me, the undersigned notary public, roved to me through satisfactory evidence of ame is signed on this document and who swore or document are truthful and accurate to the best of
Notary Public My Commission Expires:	

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	(3) Randy Bethiel
	Date:
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personally appeared Randy Bethiel and identification to be the person whose nar	95, before me, the undersigned notary public, proved to me through satisfactory evidence of me is signed on this document and who swore of ocument are truthful and accurate to the best of
Notary Public My Commission Expires:	
	E. Lange
	(4) Edmund Harrington
	Date: 9/2//05
State of <u>Massackusells</u> County of <u>U.S.A</u>	
personally appeared Edmund Harrington of identification to be the person whose :	95, before me, the undersigned notary public, n and proved to me through satisfactory evidence name is signed on this document and who swore a document are truthful and accurate to the best
Notary Public My Commission Expires:	

	(5) Jeremy Green
	Datc:
State ofCounty of	
personally Jeremy Green and proved to be the person whose name is signe	2005, before me, the undersigned notary public, to me through satisfactory evidence of identification ad on this document and who swore or affirmed to are truthful and accurate to the best of his/her
Notary Public My Commission Expires:	_•
	(6) John Court
	Date:
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personally appeared John Court and identification to be the person whose	2005, before me, the undersigned notary public, proved to me through satisfactory evidence of name is signed on this document and who swore or the document are truthful and accurate to the best of
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	(7) Jon Come
	Date:
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	(8) David Lauffer
	Date:
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personally appeared David Lauffer a identification to be the person whose	2005, before me, the undersigned notary public, and proved to me through satisfactory evidence of name is signed on this document and who swore or the document are truthful and accurate to the best of
Notary Public My Commission Expires:	

	(9) Alex Aronov
	Date:
State of	
personally appeared Alex Aronov and proidentification to be the person whose name	i, before me, the undersigned notary public, oved to me through satisfactory evidence of the is signed on this document and who swore or cument are truthful and accurate to the best of
Notary Public My Commission Expires:	
•	
	(10) Hayley Binch
	Date:
IN WITNESS WHEREOF, We have here	unto set hand and seal
Signature of witness: (PRINT to TYPENAME)	
this day of	_ .
Date of signing	

Page 8 of 14

	(11) Dean Boyall
	Date:
IN WITNESS WHEREOF, We have hereunt	o set hand and seal
Signature of witness: (rentwittename)	
this day of Date of signing	
Date of aigning	
	<u></u>
	(12) Jean-Damien Charrier
	Date:
IN WITNESS WHEREOF, We have hereunt	o set hand and seal
Signature of witness: [FRINT of TYPE NAME]	
this day of	
Date of signing	

Page 9 of 14

Rev. 3/2/05

	(13) Simon Everitt
	Date:
IN WITNESS WHEREOF, We have hereunt	o set hand and seal
Signature of witness: (PRINT of TYPE NAME)	
this day of	
Date of signing	
	<u> </u>
	(14) Damien Fraysse
	Date:
IN WITNESS WHEREOF, We have hereunto set hand and seal	
The contrast to the marchine in the marchine described	क् अन्य विशेष साम्र उन्ह्या
Signature of witness: [PRINT #TYPE NAME]	
thin day of	
this day of Date of signing	

Page 10 of 14

Rev. 3/2/05

	(15) Michael Mortimore
	Date:
IN WITNESS WHEREOF, We have hereunt	o set hand and seal
Signature of witness: [PRINT or TYPE NAME]	
this day of Date of signing	
Date of signing	
	(16) Fancoise Pierard
	Date:
IN WITNESS WHEREOF, We have hereun	to set hand and seal
Sign advisor of military	
Signature of witness: (PRANT or TYPE NAME)	
this day of Date of signing	
Date of signing	

Page 11 of 14

	*101 W
	(17) Daniel Robinson Date:
IN WITNESS WHEREOF, We have her	eunto set hand and seal
Signature of witness: (PRINT # TYPE NAME)	
this day of Date of signing	
	(18) Jian Wang Date:
State of	
personally appeared Jian Wang and providentification to be the person whose nat	05, before me, the undersigned notary public, yed to me through satisfactory evidence of me is signed on this document and who swore or ocument are truthful and accurate to the best of
Notary Public My Commission Expires:	

Page 12 of 14

	(19) Joanne Pinder
	Date:
State of	-
personally appeared Joanne Pinder and identification to be the person whose n	005, before me, the undersigned notary public, I proved to me through satisfactory evidence of ame is signed on this document and who swore or document are truthful and accurate to the best of
Notary Public My Commission Expires:	
	(20) Timphone Work
	(20) Tiansheng Wang Date:
personally appeared Tiansheng Wang identification to be the person whose r	- 005, before me, the undersigned notary public, and proved to me through satisfactory evidence or name is signed on this document and who swore o
affirmed to me that the contents of the his/her knowledge and belief.	document are truthful and accurate to the best of
Notary Public My Commission Expires:	•

ACKNOWLEDGMENT OF ASSIGNEE

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County o

On this day of Line, 2005, before me, the undersigned notary public, personally appeared Stephen Nesbitt and proved to me through satisfactory evidence of identification 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: 5-8-09

