	8-2002				
	U.S. DEPARTMENT OF COMM U.S. Patent and Trademark				
Tab settings	s: Please record the attached original documents or copy thereof.				
 Name of conveying party(ies): DAVID M. ARMISTEAD CATHARINE A. FRANK MICHAEL C. BADIA PERRY M. NOVAK GUY W. BEMIS STEVEN M. RONKIN RANDY S. BETHIEL JEFFREY O. SAUNDERS Additional name(s) of conveying party(ies) attached? Yes ✔No 3. Nature of conveyance: ✔ Assignment Merger Security Agreement Change of Name Other 4. Application number(s) or patent number(s): If this document is being filed together with a new app 	Street Address: _130 WAVERLY STREET				
A. Patent Application No.(s) <u>6,054,472</u> Additional numbers a 5. Name and address of party to whom correspondence concerning document should be mailed:					
Name:	7. Total fee (37 CFR 3.41)\$				
Fish and Neave	 Enclosed Authorized to be charged to deposit account 				
Internal Address:					
Internal Address:					
Internal Address:	Authorized to be charged to deposit account 8. Deposit account number:				
Internal Address:	Authorized to be charged to deposit account 8. Deposit account number:				

ASSIGNMENT

I/We,

(1)	David M. Armistead	
(2)	Michael C. Badia ,	
(3)	Guy W. Bemis	
(4)	Randy S. Bethiel ,	
(5)	Catharine A. Frank ,	
(6)	Perry M. Novak ,	
(7)	Steven M. Ronkin , ar	ıd
(8)	Jeffrey O. Saunders ,	

residing, respectively, at

- (1) <u>10 Briant Drive</u> Sudbury, Massachusetts 01776 (USA)
- (2) <u>20 Meadowbrook Road</u> Bedford, Massachusetts 01730 (USA)
- (3) <u>256 Appleton Street</u> Arlington, Massachusetts 02174 (USA),
- (4) <u>17 Forrest Street</u>, Apartment 21 <u>Cambridge</u>, Massachusetts 02140 (USA),
- (5) <u>16 Meer Drive</u> Langhorne, Pennsylvania 01730 (USA)
- (6) <u>35 Debbie Lane</u> <u>Milford, Massachusetts 01757 (USA)</u>
- (7) <u>16 Jensen Road</u> Watertown, Massachusetts 02472 (USA),
- (8) <u>164 Parker Street</u> Acton, Massachusetts 01720 (USA)

page <u>1</u> of <u>8</u>

ASSIGN.2 1/15/96

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, Massachusetts 02139-4242, its successors and assigns: (1) the entire right, title and interest in the United States and in all countries throughout the world in and to any and all my/our inventions and discoveries disclosed in the application for Letters Patent in the United States entitled: "INHIBITORS OF IMPDH_ENZYME", and filed in the United States Patent and Trademark Office on February 14, 1997, under Serial Number 08/801,780, now United States Patent No. 6,054,472, 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 Vertex Pharmaceuticals Incorporated, its designee, or in my/our names at Vertex Pharmaceuticals Incorporated or its designee's election, on the aforesaid inventions, discoveries and applications in all countries 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 any renewals, revivals, reissues, reexaminations and extensions of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in

page <u>2</u> of <u>8</u>

ASSIGN.2 1/15/96

any country of the world, in and to the above inventions, discoveries and applications.

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 <u>Vertex Pharmaceuticals Incorporated</u> as 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 <u>Vertex Pharmaceuticals Incorporated</u> to execute and to deliver to <u>Vertex Pharmaceuticals Incorporated</u> 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 <u>Vertex Pharmaceuticals</u> <u>Incorporated</u> 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 <u>Vertex Pharmaceuticals Incorporated</u> 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.

page <u>3</u> of <u>8</u>

ASSIGN.2 1/15/96

ASSIGNORS $(1)_{-}$ м. ARMISTEAD DA (2)_ MICHAEL C. BADIA (3) vin BEMIS GUY W. 3 Mars (4)____ RANDY S. ETHIEL (5)_ CATHARINE A. FRANK (6)_ PERRY M. NOVAK (7)_ STEVEN M. RONKIN (8) SAUNDERS 0 JE RE .

page <u>4</u> of <u>8</u>

ASSIGN.2 1/15/96 On this <u>22</u> day of <u>MARCH</u>, 2002, <u>David M. Armistead</u> (1) personally appeared before me, a Notary Public in and for <u>Commonwealth of</u> <u>Massachusetts</u>, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.

Semadeter Philit

On this 20 and day of <u>Michael C. Badia</u> (2) personally appeared before me, a Notary Public in and for <u>Commonwealth of</u> <u>Massachusetts</u>, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.

Notary Public

PHYLLIS .A. TOBE) Notary Public My Commission Expires May 8, 2000

On this 22md day of <u>11/2266</u>, 2002, <u>Guy W. Bemis</u> (3) personally appeared before me, a Notary Public in and for <u>Commonwealth of</u> <u>Massachusetts</u>, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.

Notary Public

HYTLUS A. TOBEY Notary Fublic My Commission and March 21

page <u>5</u> of <u>8</u>

ASSIGN.2 1/15/96

On this <u>22 **</u> day of <u>11/221</u>, <u>2002</u>, <u>Randy S. Bethiel</u> (4) personally appeared before me, a Notary Public in and for <u>Commonwealth of</u> <u>Massachusetts</u>, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.

Notary Public &

PHYELIS A. TOBEY Notary Public My Commission Expires May 8, 2003

On this _____ day of _____, 2002, <u>Catharine A. Frank</u> (5) personally appeared before me, a Notary Public in and for <u>State of Pennsylvania</u>, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.

Notary Public

On this 22 day of MACH , 2002, Perry M. Novak (6) personally appeared before me, a Notary Public in and for <u>Commonwealth of</u> <u>Massachusetts</u>, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.

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ASSIGN.2 1/15/96

On this <u>22.11</u> day of <u>11.11</u>, <u>2002</u>, <u>Steven M. Ronkin</u> (7) personally appeared before me, a Notary Public in and for <u>Commonwealth of</u> <u>Massachusetts</u>, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.

Notary Public

On this 2010 day of <u>11610</u> <u>2002</u>, <u>Jeffrey O. Saunders</u> (8) personally appeared before me, a Notary Public in and for <u>Commonwealth of</u> <u>Massachusetts</u>, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.

Notary Public

HYTLES A. (OBER Notary Public Av Commission & raires May 8, 2003

page <u>7</u> of <u>8</u>

ASSIGN.2 1/15/96

ACKNOWLEDGMENT OF ASSIGNEE:

Vertex Pharmaceuticals Incorporated

By: Andrew S. Marks

Chief Patent Counsel of Vertex Pharmaceuticals Incorporated

On this <u>Jon</u> day of <u>Ifach</u>, <u>2002</u>, <u>Andrew S. Marks</u> personally appeared before me, a Notary Public in and for the <u>Commonwealth of Massachusetts</u>, and duly acknowledged the executed Assignment on behalf of the Assignee.

Notary Fu

HYTERS AN TOBER Notary Public Ay Commission Charas May 8, 2000

page <u>8</u> of <u>8</u>

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ASSIGN.2 1/15/96

ASSIGNMENT

I/We,

(1)	David M. Armistead ,
(2)	Michael C. Badia ,
(3)	Guy W. Bemis,
(4)	Randy S. Bethiel ,
(5)	Catharine A. Frank ,
(6)	Perry M. Novak
(7)	Steven M. Ronkin , and
(8)	Jeffrey O. Saunders ,

residing, respectively, at

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page <u>1</u> of <u>8</u>

ASSIGN.2 1/15/96

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, Massachusetts 02139-4242, its successors and assigns: (1) the entire right, title and interest in the United States and in all countries throughout the world in and to any and all my/our inventions and discoveries disclosed in the application for Letters Patent in the United States entitled: "INHIBITORS OF IMPDH ENZYME", and filed in the United States Patent and Trademark Office on February 14, 1997, under Serial Number 08/801,780, now United States Patent No. 6,054,472, 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 Vertex Pharmaceuticals Incorporated, its designee, or in my/our names at Vertex Pharmaceuticals Incorporated or its designee's election, on the aforesaid inventions, discoveries and applications in all countries 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 any renewals, revivals, reissues, reexaminations and extensions of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in

page <u>2</u> of <u>8</u>

ASSIGN.2 1/15/96

any country of the world, in and to the above inventions, discoveries and applications.

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 <u>Vertex Pharmaceuticals Incorporated</u> as 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 <u>Vertex Pharmaceuticals Incorporated</u> to execute and to deliver to <u>Vertex Pharmaceuticals Incorporated</u> 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 <u>Vertex Pharmaceuticals</u> <u>Incorporated</u> 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 <u>Vertex Pharmaceuticals Incorporated</u> 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.

page <u>3</u> of <u>8</u>

ASSIGN.2 1/15/96

	ASSIGNORS:
(1)	DAVID M. ARMISTEAD
(2)	MICHAEL C. BADIA
(3)_	GUY W. BEMIS
	RANDY S. BETHIEL
(5)_	Catharine a Frank
(6) ₋	PERRY M. NOVAK
(7)	STEVEN M. RONKIN
(8)	JEFFREY O. SAUNDERS

li .

page <u>4</u> of <u>8</u>

ASSIGN.2 1/15/96

On this _____ day of _____, 2002, <u>David M. Armistead</u> (1) personally appeared before me, a Notary Public in and for <u>Commonwealth of</u> <u>Massachusetts</u>, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.

Notary Public

On this _____ day of ______, 2002, <u>Michael C. Badia</u> (2) personally appeared before me, a Notary Public in and for <u>Commonwealth of</u> <u>Massachusetts</u>, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.

Notary Public

On this _____ day of ______, 2002, <u>Guy W. Bemis</u> (3) personally appeared before me, a Notary Public in and for <u>Commonwealth of</u> <u>Massachusetts</u>, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.

Notary Public

page <u>5</u> of <u>8</u>

ASSIGN.2 1/15/96

		On	this _		_ day	/ of					_/	2002,
Randy	<u>s</u> .	Beth	<u>iiel</u>			(4)	per	sonally	apr	beare	ed	before
me, a	Not	tary	Public	in	and	for	Con	<u>nmonweal</u>	th c	<u>>f</u>		
Massad	<u>chu</u> s	setts	<u>s</u> , and	exec	uted	i the	e fo	pregoing	Ass	signm	nen	t and
duly acknowledged to me that such Assignment was executed												
for the	ne i	uses	and pu	rpos	ses t	chere	ein	express	ed.			

Notary Public

On this <u>6th</u> day of <u>MARCH</u>, <u>2002</u>, <u>Catharine A. Frank</u> (5) personally appeared before me, a Notary Public in and for <u>State of Pennsylvania</u>, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.



Aunet Z Shoemaker Notary Public

On this _____ day of ______, 2002, <u>Perry M. Novak</u> (6) personally appeared before me, a Notary Public in and for <u>Commonwealth of</u> <u>Massachusetts</u>, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.

Notary Public

page <u>6</u> of <u>8</u>

ASSIGN.2 1/15/96

On this day of	, 2002 ,				
Steven M. Ronkin (7)	personally appeared before				
me, a Notary Public in and for	Commonwealth of				
Massachusetts, and executed the foregoing Assignment and					
duly acknowledged to me that such Assignment was executed					
for the uses and purposes there	ein expressed.				

Notary Public

On this _____ day of ______, 2002, Jeffrey O. Saunders (8) personally appeared before me, a Notary Public in and for <u>Commonwealth of</u> <u>Massachusetts</u>, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.

Notary Public

page <u>7</u> of <u>8</u>

ASSIGN.2 1/15/96

ACKNOWLEDGMENT OF ASSIGNEE:

Vertex Pharmaceuticals Incorporated

By:

Andrew S. Marks Chief Patent Counsel of Vertex Pharmaceuticals Incorporated

On this _____ day of _____, 2002, <u>Andrew S. Marks</u> personally appeared before me, a Notary Public in and for the <u>Commonwealth of Massachusetts</u>, and duly acknowledged the executed Assignment on behalf of the Assignee.

Notary Public

page <u>8</u> of <u>8</u>

ASSIGN.2 1/15/96

RECORDED: 10/03/2002