Attorney Docket No. VPI/02-116 US

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| Name of conveying party(ies): | 2. | Name and address of receiv | ng party(ies) | |
| a) Mark Ledeboer and b) Brian Ledford | | Name: VERTEX PHARMA | CEUTICALS INCORPORATED | |
| Additional name(s) of conveying party(ies) attached? | Yes 🛛 No | | | |
| 3. Nature of conveyance: | | Internal Address: | | |
| | r e of Name | | /ERLY STREET IDGE, MASSACHUSETTS 02139-4242 | |
| Execution Date: <u>a) 03/12/04; b) 03/05/04</u> | | Additional name(s) & address | (es) attached? Yes No | |
| Application number(s) or patent number(s): If this document is being filed together with a new as A. Patent Application No(s): 10/700,333 | | the application isPatent No(s): | | |
| | Additional numbers attached? | ☐ Yes No | | |
| 5. Name and address of party to whom correspondence Concerning document should be mailed: Name: Karoline K. M. Shair Address: VERTEX PHARMACEUTICALS INCORPORATED 130 Waverly Street Cambridge, MA 02139-4242 | | Total number of application | and patents involved: [1] | |
| | | Total fee (37 CFR 3.41) ☐ Enclosed ☐ The Commissioner is an 50-0725, Reference No | \$40.00 Ithorized to charge Deposit Account No: VPI/02-116 US. | |
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| 9. Statement and signature To the best of my knowledge and belief, the foregoing Karoline K. M. Shair | 1 -1 | t and any attached copy is a tri | ve copy of the original document. | |
| <u>*************************************</u> | (arothe (1 | April 2 | 2, 2004 | |
| Name of Person Signing Signature | | | Date | |
| Total number of pages including cover sheet (in duplicate | e) and document: [5] | | 3 | |

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ATTORNEY DOCKET NO. VPI/02-116

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned MARK LEDEBOER, OF ACTON, MA; AND BRIAN LEDFORD OF ATTLEBORO, MA hereby:

Sell, assign and transfer to Vertex Pharmaceuticals Incorporated, having a place of business at 130 Waverly Street, Cambridge, MA 02139, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent entitled "COMPOSITIONS USEFUL AS INHIBITORS OF JAK AND OTHER PROTEIN KINASES" filed November 3, 2003, and given serial number 10/700,333 (I/We authorize Vertex Pharmaceuticals Incorporated to fill in the blank when a serial number is assigned.) in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; including International Patent Application Number PCT/US03/34991 and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority deriving from any of the above-identified application(s) including, but not limited to he following priority application(s):

| 60/422,973 | US | November 1, 2002 |
|-----------------|---------|------------------|
| Application No. | Country | Filing Date |

Agree that said ASSIGNEE may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said ASSIGNEE, agree to carry out in good faith the intent and purpose of this assignment by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said ASSIGNEE all facts known to us relating to said inventions and the history thereof, and generally by doing everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said ASSIGNEE.

Hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE.

Covenant with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us, and that full right to convey the same as herein expressed is possessed by us.

Agree that said Assignment is effective as of the date of November 3, 2003.

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ATTORNEY DOCKET NO. VPI/02-116

| IN WITNESS WHEREOF, I I | nereto set my hand and seal at Cambridge, Massachusetts, |
|-------------------------|---|
| this 12th day of _ | March , 2004. Mark Ledeboer |
| STATE OF MASSACHUSET | TS |
| COUNTY OF MIDDLESEX | |
| | day of MARCH, 2004, personally appeared |
| the above known to me t | o be the person whose name of subscribed to the foregoing Assignment |
| and acknowledged that h | e executed the same as his free act and deed for the purposes therein |
| contained. | NOTARY PUBLIC |
| [Notary's Seal Here] | My Commission Expires: WIRUH 6, 2009 |

ATTORNEY DOCKET NO. VPI/02-116

RECORDED: 04/02/2004

| IN WITNESS WHEREOF, I hereto set my hand | and seal at Cambridge, Massachusetts, |
|---|--|
| this 5th day of Manch | _, 2004. Brian Legiord |
| STATE OF MASSACHUSETTS | |
| COUNTY OF MIDDLESEX | |
| · | ACUH, 2004, personally appeared ose name of subscribed to the foregoing Assignment |
| | |
| and acknowledged that he executed the sam | e as his free act and deed for the purposes therein |
| contained. | NOTARY PUBLIC |
| [Notary's Seal Here] | My Commission Expires: MARCH 10 3004 |

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