Attorney Docket No. VPI/00-130-05 US

| RECORDATION FORM COVER SHEET PATENTS ONLY | | | |
|--|--|--|--|
| FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) | U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office | | |
| Please record the attached original documents or copy thereof. | | | |
| 1. Name of conveying party(ies): a) David Bebbington; b) Jean-Damien Charrier; c) Julian M. C. Golec; d) Jeremy Green; e) David Kay; f) Ronald Knegtel; g) Andrew Miller; h) Ronald Tomlison; and i) Pan Li Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Assignment | 2. Name and address of receiving party(ies) Name: VERTEX PHARMACEUTICALS, INCORPORATED Internal Address: Street Address: 130 WAVERLY STREET C AMBRIDGE, MASSACHUSETTS 02139-4242 Additional name(s) & address(es) attached? ☐ Yes ☒ No | | |
| A. Patent Application No(s): | B. Patent No(s): | | |
| 10/026,975 Additional numbers attached? ☐ Yes ☒ No | | | |
| 5. Name and address of party to whom correspondence Concerning document should be mailed: Name: Andrea L. C. Robidoux Address: VERTEX PHARMACEUTICALS INCORPORATED 130 Waverty Street Cambridge, MA 02139-4242 | 6. Total number of applications and patents involved: { 1 } 7. Total fee (37 CFR 3.41) \$40.00 ☐ Enclosed ☑ The Commissioner is authorized to charge Deposit Account No: 50-0725, Reference No. VPI/00-130-05 US. | | |
| DO NOT USE THIS SPACE | | | |
| 9. Statement and signature To the best of my knowledge and belief, the foregoing information is true and a | correct and any attached copy is a true copy of the original document. July 18, 2003 | | |
| Name of Person Signing Signatur | ne Date | | |
| Total number of pages including cover sheet, attachments, and document: [7] | | | |

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

MAIL STOP ASSIGNMENT RECRODATION SERVICES
Director of the U.S. Patents and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT REEL: 013812 FRAME: 0285

Docket No.: VPI/00-130-05 US

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the David Bebbington of Newbury, Berkshire, UK; Jean-Damien Charrier of Wantage Oxfordshire, UK; Julian M. C. Golec of Ashbury, Swinden Wilts, UK; Jeremy Green of Burlington, MA; David Kay of Wiltshire, UK; Ronald Knegtel of Abingdon, Oxon, UK; Andrew Miller of Didcot, Oxfordshire, UK; Ronald Tomlison of Marlborough, MA; and Pan Li of Arlington, 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 "PYRAZOLE COMPOUNDS USEFUL AS PROTEIN KINASE INHIBITORS" filed December 19, 2001, and given serial number 10/026,975 (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/US01/50312 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):

| 60/257,887 | US | <u>December 21, 2000</u> |
|-----------------|---------|--------------------------|
| Application No. | Country | Filing Date |
| 60/286,949 | US | April 27, 2001 |
| 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

Docket No.: VPI/00-130-05 US

this 7 day of Duy 2003.

Date of signing

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 December 19, 2001.

| Date: 2nd July 2003 David Beblington Signature of: David Beblington | |
|--|--|
| IN WITNESS WHEREOF, We have hereunto set hand and seal | |
| MBuby ACRORAH BERBINGTON | |
| Signature of withess: PRINT of TYPE NAME | |
| this 2 day of July 2003 Date of signing | |
| | |
| Date: 7-7-2003 Signature of: Jean-Damien Charrier | |
| IN WITNESS WHEREOF, We have hereunto set hand and seal | |
| COLLY LYNNETTE KELLY Signature of witness: [PRINT of TYPE NAME] | |

2 of 5

| Docket No.: VPI/00-130-05 US | |
|---|---|
| Date: 30/6/03, | Signature of: Julian M. C. Golec |
| IN WITNESS WHEREOF, We have hereun | to set hand and seal |
| OCOUL LYNNETTE KEL Signature of witness: FRINT OF TYPE NAME | <u>LY</u> |
| this 30 day of Dunk 2003 Date of signing | • |
| Date: July 9th, 2003 | Signature of: Jeremy Green |
| Signature of witness: paint - Type VARE thisday of | to set hand and seal VICTORIA M- CUFFORD |
| Date: 30th June 2003 | Signature of: David Kay |
| IN WITNESS WHEREOF, We have hereunto set hand and seal | |
| Signature of witness: PRINT of TYPE NAME | DLY |
| this 30 day of June 2003 Date of signing | <u>.</u> |
| | |

3 of 5

PATENT REEL: 013812 FRAME: 0288

| Docket No.: VPI/00-130-05 US | , |
|---|---------------------------------|
| | |
| Date: 30/6/03 | Signature of: Ronald Knegtel |
| IN WITNESS WHEREOF, We have hereunt | to set hand and seal |
| Signature of witness: [PRINT # TYPE NAME] | |
| this So day of JUNE 2003. Date of signing | |
| | |
| Date: 30/6(2003 | Signature of: Andrew Miller |
| IN WITNESS WHEREOF, We have hereunt | to set hand and seal |
| OCOLU L'ANETTE KEI Signature of witness: FRINT # TYPENAME | |
| this 3 day of Twee 2003. Date of signing | |
| Date: 7/9/03 | Signature of: Ronald Tomlisuson |
| IN WITNESS WHEREOF, We have hereunto set hand and seal | |
| Signature of Witness: (FRINT or TYPE NAME) | |
| this Off day of TOW 3003 | |
| nate of memme | 4 of 5 |

Docket No.: VPI/00-130-05 US

Date

Signature of: Pan Li

N WITNESS WHEREOF We have hereunto set hand and seal

VICTORIA M. CLIFFORD

Signature of witness: IPMNT or TVE NAME

this May of TVW DO

Date of signing

5 of 5

PATENT REEL: 013812 FRAME: 0290