

Form PTO-1585
1-3-92

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name and address of conveying party(ies):

- 1. Joseph Armstrong MARTIN
- 2. Keshab SHARMA
- 3. David B. SMITH

2. Name and address of receiving party(ies):

ROCHE PALO ALTO LLC
 3431 HILLVIEW AVENUE
 PALO ALTO, CALIFORNIA 94304

3. Nature of conveyance: ASSIGNMENT

Execution Date of Assignment:

(1) October 11, 2005 (2-3) September 2, 2005

4. Application number(s) or patent number(s):

A. Patent Application No.(s)

U.S. Serial No. 11/208,510 filed August 22, 2005

Attorney Docket No. R0225B-REG

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Grant D. Green
 ROCHE PALO ALTO LLC
 Patent Law Department M/S A2-250
 3431 Hillview Avenue
 Palo Alto, California 94304

6. Total number of applications and patents involved:

ONE

7. Total fee (37 CFR 3.41)..... \$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit Account Number: 18-1700

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.

Brian L. Buckwalter, Reg. No. 46,585

Name of Person Signing



Signature

October 21, 2005

Date

Total number of pages including cover sheet, attachments and document: [5]

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PATENT
REEL: 016959 FRAME: 0420

ASSIGNMENT I

WHEREAS, We, Joseph Armstrong Martin, Keshab Sarma and David Bernard Smith ("Assignors"), having the respective addresses indicated below, have invented certain subject matter entitled

Antiviral Nucleosides (the "Invention"),

described in U.S. patent application Attorney Docket No. R0225B-REG, for Letters Patent of the United States of America (the "Application").

AND WHEREAS, Roche Palo Alto LLC ("Assignee"), a company of Delaware, having an address at 3431 Hillview Avenue, Palo Alto, California 94304, desires to perfect its right to the Invention and in the Letters Patent(s) to be obtained therefor from the United States of America and all countries foreign thereto;

I hereby authorize and request my attorneys/agents of Assignee, to insert here in parentheses (Application Serial No. 11/208,510, filed August 22, 2005) the Application serial number and filing date of said Application when known.

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors acknowledge Assignee's interest in the Invention and hereby assign to Assignee for the United States of America and all countries foreign thereto all our rights, title and interest, including all rights under the Paris Convention for the Protection of Industrial Property, in the Invention, as described and claimed in the Application and its U.S. priority application Serial No. 603,778, filed August 23, 2004, or in any subsequent patent application(s) filed under 35 U.S.C. §111(a), claiming benefit of the Application under 35 U.S.C. §119(e), or 35 U.S.C. §120, or in any continuation, continuation-in-part, continued prosecution application, divisional, substitute, reissue, reexamination or extension thereof and any legal equivalent thereof in a country foreign to the United States of America; the Invention, application and Letters Patent(s) to be owned by Assignee, its successors, assigns and legal representatives, to the full end of the term for which such Letters Patent(s) may be granted.

Assignors hereby covenant that they have the full right to convey the entire interest assigned herein and have not executed and will not execute any agreement in conflict herewith.

Assignors further covenant to execute and deliver upon request and without undue delay, to Assignee, its successors, assigns and legal representatives, all lawful documents necessary or desirable to effect this assignment and perfect the title to the Invention, Application and Letters Patent(s) and all foreign patents and applications claiming priority thereto.

Assignors further covenant to cooperate and participate in any administrative or legal proceeding and execute all lawful documents necessary or desirable for Assignee, its successors, assigns and legal representatives to obtain, maintain and enforce patent protection in the Invention in all countries, provided that Assignee reimburses Assignors for any expenses incurred therewith by Assignors.

ASSIGNMENT I

This assignment is effective as of the earlier of the date of execution of this document or the filing date accorded by the United States Patent and Trademark Office to the Application, as indicated in the Filing Receipt for said Application.

I have read and understand this Assignment document for the Application, and agree hereto, as indicated by my signature as set forth below.


Signature Joseph Armstrong Martin Date 11th Oct 2005
Joseph Armstrong Martin
10 The Chowns, West Common, Harpenden
Hertfordshire, AL5 2BN, United Kingdom

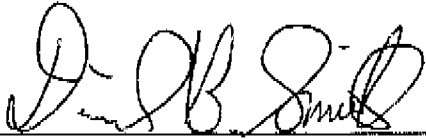
signature Gail A. Lesko (witness to above signature)
print name Gail A. Lesko

address 2952 N. 158th Ave., Goodyear, AZ 85338

ASSIGNMENT I

I have read and understand this Assignment document for the Application, and agree hereto, as indicated by my signature as set forth below.

Signature  Date Sept 2, 2005
Keshab Sarma
517 Davenport Court, Sunnyvale, California 94087

Signature  Date Sept. 2, 2005
David B. Smith
218 West 40th Avenuc, San Mateo, California 94403

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California }
County of Santa Clara } ss.

On September 2, 2005 before me, Christina G. Myers, Notary Public,
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")
personally appeared Keshab Sarma and Raviel B. Smith
Name(s) of Signer(s)

personally known to me
 proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Christina G. Myers
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: assignment for patent application R0225B-Reg
Document Date: USPTO 11/2008, 570 Number of Pages: _____
Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

Signer's Name: _____

- Individual
- Corporate Officer — Title(s): _____
- Partner — Limited General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT OF SIGNER

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