

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>JAMES SUTTON</td><td>05/03/2007</td></tr><tr><td>FENG XU</td><td>05/03/2007</td></tr><tr><td>NICHOLAS VALIANTE</td><td>05/03/2007</td></tr><tr><td>JIONG LAN</td><td>05/04/2007</td></tr></tbody></table>	Name	Execution Date	JAMES SUTTON	05/03/2007	FENG XU	05/03/2007	NICHOLAS VALIANTE	05/03/2007	JIONG LAN	05/04/2007	
Name	Execution Date										
JAMES SUTTON	05/03/2007										
FENG XU	05/03/2007										
NICHOLAS VALIANTE	05/03/2007										
JIONG LAN	05/04/2007										
RECEIVING PARTY DATA											
Name:	NOVARTIS VACCINES AND DIAGNOSTICS, INC.										
Street Address:	4560 Horton Street										
Internal Address:	Corporate Intellectual Property - X100B										
City:	Emeryville										
State/Country:	CALIFORNIA										
Postal Code:	94608-2916										
PROPERTY NUMBERS Total: 2											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>60785545</td></tr><tr><td>PCT Number:</td><td>US0764858</td></tr></tbody></table>	Property Type	Number	Application Number:	60785545	PCT Number:	US0764858					
Property Type	Number										
Application Number:	60785545										
PCT Number:	US0764858										
CORRESPONDENCE DATA											
Fax Number:	(510)923-3542										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	(510)923-2192										
Email:	kara.shure@novartis.com										
Correspondent Name:	Helen Lee										
Address Line 1:	4560 Horton Street										
Address Line 2:	Corporate Intellectual Property - X100B										
Address Line 4:	Emeryville, CALIFORNIA 94662-8097										
ATTORNEY DOCKET NUMBER:	PP028232.0003										

CH \$80.00 60785545

500717334

PATENT  
REEL: 021904 FRAME: 0430

NAME OF SUBMITTER:

Kara Shure

Total Attachments: 4

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ASSIGNMENT

THIS ASSIGNMENT, effective March 23, 2006, made by us, Jiong Lan, James Sutton, Nicholas Valiante, and Feng Xu;

WITNESSETH: That,

WHEREAS, we, hereinafter referred to as **ASSIGNORS**, have invented certain new and useful improvements in **IMIDAZOQUINOXALINE COMPOUNDS** for which an international application under the Patent Cooperation Treaty (PCT) has been filed in the Receiving Office of the United States Patent and Trademark Office. The international application bears Application No. PCT/US2007/064858 and was filed on March 23, 2007. International Application No. PCT/US2007/064858 claims priority of U.S. Provisional Application Nos. 60/785,545, filed March 23, 2006. Both the international application and the U.S. Provisional application will hereinafter be referred to as the subject applications.

WHEREAS, NOVARTIS VACCINES AND DIAGNOSTICS, INC., a Delaware corporation, at 4560 Horton Street, Emeryville, California 94608-2916, hereinafter referred to as **ASSIGNEE**, is desirous of confirming its ownership of the entire right, title and interest in and to said invention as described in the subject applications, and in and to any and all Letters Patent which shall be granted therefore in the United States of America and all foreign countries;


NOW, THEREFORE, To Whom It May Concern, be it known that for consideration of the sum of One Dollar (\$1.00) lawful money paid to **ASSIGNORS** by **ASSIGNEE**, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer and convey unto the said **ASSIGNEE**, its successors and assigns, the entire right, title and interest in and to the said invention and the subject applications, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or extensions thereof which may be granted therefore or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of the subject applications in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said **ASSIGNEE**, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not be made.

**ASSIGNORS** hereby request that said Letters Patent be issued in accordance with this assignment.

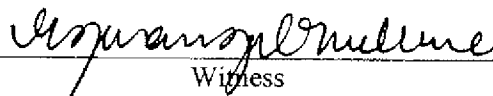
*ASSIGNORS* further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and the subject applications above-mentioned, and that we have the unencumbered right and authority to make this assignment.

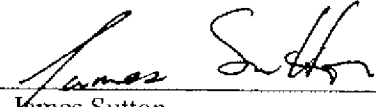
*ASSIGNORS* further agree that they will, without charge to said *ASSIGNEE*, but at *ASSIGNEE'S* expense, cooperate with *ASSIGNEE* in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as *ASSIGNEE* lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said *ASSIGNEE*, or *ASSIGNEE'S* successors and assigns.


IN TESTIMONY WHEREOF, *ASSIGNORS* have hereunto signed their names to this assignment on the dates indicated below.

DATE 5/4/2007   
Jiong Lan

  
Witness

  
Witness

DATE 5/3/07   
James Sutton

  
Witness

  
Witness

DATE 5/3/2007

  
\_\_\_\_\_  
Nicholas Valiante


  
\_\_\_\_\_  
Witness

  
\_\_\_\_\_  
Witness

DATE 5/3/2007

  
\_\_\_\_\_  
Feng Xu

  
\_\_\_\_\_  
Witness

  
\_\_\_\_\_  
Witness

RECORDATION FORM COVER SHEET  
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

Atty Docket No.: PP028232.0003

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

1. Name of conveying party(ies):

JIONG LAN  
JAMES SUTTON  
NICHOLAS VALIANTE  
FENG XU

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement ☐ Other \_\_\_\_\_  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License

Execution Date(s): 05/04/2007, 05/03/2007, 05/03/2007,  
05/03/2007

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

NOVARTIS VACCINES AND DIAGNOSTICS, INC.  
Corporate Intellectual Property – X 100B  
4560 Horton Street  
Emeryville, California 94608-2916  
US

☐ Other

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_.

A. Patent Application No.(s)

US 60/785,545  
filed March 23, 2006

PCT/US2007/064858  
filed March 23, 2007

B. Patent No.(s)

Additional number(s) attached ☐ Yes ☒ No

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

NOVARTIS VACCINES AND DIAGNOSTICS, INC.  
Corporate Intellectual Property – X 100B  
P.O. Box 8097  
Emeryville, CA 94662-8097

6. Total number of applications and patents involved 2

7. Total fee (37 CFR 3.41)..... \$80.00

☐ Enclosed

☒ Authorized to be charged to deposit account,

8. Deposit account number: **03-1664**

(Attach duplicate copy of this page if paying by deposit account)

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.*

**Helen Lee, Reg. No. 39,270**

Name of Person Signing



Signature

*November 25, 2008*

Date

Total number of pages including cover sheet, attachments, and document: 4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450