

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NOVARTIS VACCINES AND DIAGNOSTICS SRL	05/22/2009
RECEIVING PARTY DATA	
Name:	NOVARTIS VACCINES AND DIAGNOSTICS, INC.
Street Address:	4560 HORTON STREET
City:	EMERYVILLE
State/Country:	CALIFORNIA
Postal Code:	94608-2916
PROPERTY NUMBERS Total: 5	
Property Type	Number
Application Number:	12013047
Application Number:	13070448
Application Number:	13359442
Application Number:	13359459
Application Number:	13359471
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Address Line 4:	Emeryville, CALIFORNIA 94608-2916
ATTORNEY DOCKET NUMBER:	PAT051107
NAME OF SUBMITTER:	Felicia Soria

CH \$200.00 12013047

Signature:	/Felicia Soria/
Date:	07/03/2013
<b>Total Attachments: 3</b> source=Asg-NVDSrl-to-NVDInc-51107#page1.tif source=Asg-NVDSrl-to-NVDInc-51107#page2.tif source=Asg-NVDSrl-to-NVDInc-51107#page3.tif	

RECORDATION FORM COVER SHEET  
PATENTS ONLY

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

Atty Docket No.: PAT051107

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

1. Name of conveying party(ies):

NOVARTIS VACCINES AND DIAGNOSTICS SRL  
Via Fiorentina, 1  
I-53100 Siena  
ITALY

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

NOVARTIS VACCINES AND DIAGNOSTICS, INC.  
4560 Horton Street  
Emeryville, California  
94608-2916

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

☐ Other

Execution Date(s): 05/22/2009

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)

12/013,047  
13/070,448  
13/359,442  
13/359,459  
13/359,471

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 5

7. Total fee (37 CFR 3.41)..... \$200.00

☐ 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.*

Amy Hessler, Reg. No. 50,310

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 3

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

**ASSIGNMENT**

*WHEREAS*, NOVARTIS VACCINES AND DIAGNOSTICS SRL, with a place of business at Via Fiorentina 1, I-53100, Siena, ITALY, a corporation of the country of Italy, hereinafter referred to as *ASSIGNOR*, has rights by assignment to the invention described and set forth in the below-identified application for United States Letters Patent, hereinafter referred to as the *APPLICATION*:

Title of Invention: NEISSERIA MENINGITIDIS ANTIGENS AND COMPOSITIONS

Date of Execution: May 22, 2009

Priority Data:	<u>Application No.</u>	<u>Filing Date</u>
	US 60/083,758	05/01/1998
	US 60/094,869	07/31/1998
	US 60/098,994	09/02/1998
	US 60/099,062	09/02/1998
	US 60/103,749	10/09/1998
	US 60/103,794	10/09/1998
	US 60/103,796	10/09/1998
	US 60/121,528	02/25/1999
	PCT/US1999/009346	04/30/1999
	US 09/674,546	11/04/2002

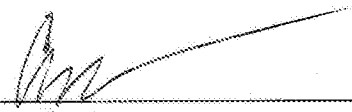
*WHEREAS*, NOVARTIS VACCINES AND DIAGNOSTICS, INC., with a place of business at 4560 Horton Street, Emeryville, California 94608-2916 USA, a corporation of the State of Delaware, which along with its successors and assigns shall be hereinafter referred to as *ASSIGNEE*, is desirous of acquiring an equal and undivided interest of the entire right, title and interest in and to the said *APPLICATION*, (including rights under the Paris Convention for the Protection of Industrial Property) which may exist or be granted on the same throughout the world, hereinafter referred to as the *PROPERTY*,

NOW, THEREFORE, **ASSIGNOR** sells and assigns all its right, title and interest in and to the said **PROPERTY** to the said **ASSIGNEE**.

**ASSIGNOR** further agrees to execute any further instruments necessary to effect this assignment.

IN TESTIMONY WHEREOF, **ASSIGNOR'S** Representative has hereunto signed to this assignment on the date indicated below.

NOVARTIS VACCINES AND DIAGNOSTICS SRL

Date: May 22, 2009 By:   
Amy Hessler  
Attorney-In-Fact

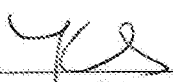
State of California     )  
                                      )  
County of Alameda     )

On May 22, 2009 before me, Kara N. Shure, Notary Public, personally appeared Amy Hessler, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I Certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



  
Signature of Notary Public

Place Notary Seal Above