


Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
Atty Docket No.: PP00365.0301					
To the Director of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): CESIRA GALEOTTI RINO RAPPUOLI GUIDO GRANDI VINCENZO SCARLATO VEGA MASIGNANI MARIA SCARSELLI MARIROSA MORA MARIAGRAZIA PIZZA LEHUTA RATTI for GIULIO RATTI (deceased)			2. Name and address of receiving party(ies) Name: NOVARTIS VACCINES AND DIAGNOSTICS SRL Via Fiorentina 1, I-53100 Siena, Italy <input type="checkbox"/> Other		
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Other _____ <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License Execution Date(s): 11/22/2007, 11/16/2007, 11/23/2007, 11/21/2007, 11/21/2007, 11/21/2007, 12/05/2007, 11/16/2007, 11/21/2007			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) PCT/US99/09346 (now 09/674,546) B. Patent No.(s)		
Additional number(s) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: NOVARTIS VACCINES AND DIAGNOSTICS, INC. Intellectual Property – R338 P.O. Box 8097 Emeryville, CA 94662-8097 USA			6. Total number of applications and patents involved <u>1</u> 7. Total fee (37 CFR 3.41)..... \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account, 8. Deposit account number: 03-1664 (Attach duplicate copy of this page if paying by deposit account)		
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9. Statement and signature. <i>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.</i> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <u>Amy Hessler, Reg. No. 50,310</u> Name of Person Signing </div> <div style="width: 30%; text-align: center;">  Signature </div> <div style="width: 30%; text-align: center;"> <u>12/18/07</u> Date </div> </div>					
Total number of pages including cover sheet, attachments, and document: <u>5</u>					

Mail documents to be recorded with required cover sheet information to:
 M/S Assignment Recordation Services, Director of the USPTO, P.O. Box 1450,
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I hereby certify that this paper is being transmitted via facsimile to the Assignment Recordation Services Office of the United States Patent and Trademark Office at telephone number (571) 273-0140 on the below identified date.

Arrendle Brown
 Arrendle Brown

12/18/07
 Date

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ASSIGNMENT

WHEREAS, WE, CESIRA GALEOTTI, GUIDO GRANDI, VEGA MASIGNANI, MARIROSA MORA, MARIAGRAZIA PIZZA, RINO RAPPUOLI, GIULIO RATTI, VINCENZO SCARLATO, AND MARIA SCARSELLI, hereinafter referred to as *ASSIGNORS*, have invented certain new and useful improvements as described and set forth in the below-identified United States Patent Application, International Patent Application and application for United States Letters Patent:

Title: NEISSERIAL MENINGITIDIS ANTIGENS AND COMPOSITIONS

Date(s) of Execution:

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/US99/09346	04/30/1999
	09/674,546	11/04/2002

WHEREAS, NOVARTIS VACCINES AND DIAGNOSTICS SRL, with a place of business at Via Fiorentina 1, I-53100, Siena, Italy, hereinafter referred to as *ASSIGNEE*, is desirous of acquiring the entire right, title and interest in the above invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to *ASSIGNORS* by *ASSIGNEE*, receipt of which is hereby acknowledged, *ASSIGNORS* have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said *ASSIGNEE*, and *ASSIGNEE'S* successors and assigns, all right, title and interest in and to the said invention, said application(s) and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including


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any divisionals, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. §119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said **ASSIGNEE** as fully and exclusively as it would have been held and enjoyed by said **ASSIGNORS** had this assignment and transfer not been made, to the full end and term of any Letters Patent.


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.

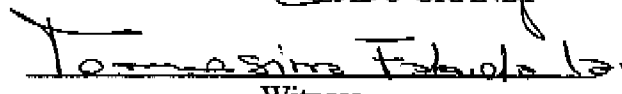
IN TESTIMONY WHEREOF, **ASSIGNORS** have hereunto signed their name to this assignment on the date indicated below.

Date Nov 29, 2007 
CESIRA GALEOTTI


Witness


Witness

Date Nov 16, 2007 
GUIDO GRANDI


Witness


Witness

Date Nov 23, 2007 
VEGA MASIGNANI


Witness

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[Signature]
Witness

Date Nov 21, 2007

[Signature]
MARIROSA MORA

[Signature]
Witness

[Signature]
Witness

Date Nov 21, 2007

[Signature]
MARIAGRAZIA PIZZA

[Signature]
Witness

[Signature]
Witness

Date Nov, 21 2007

[Signature]
RINO RAPPUOLI

[Signature]
Witness

[Signature]
Witness

Inventor: GIULIO RATTI (deceased)Date Dec, 5 2007

[Signature]
Signature of Legal Representative of Giulio Ratti

Printed Name: LEHUTA RATTIDate Nov 16, 2007

[Signature]
VINCENZO SCARLATO

[Signature]
Witness

[Signature]
Witness

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Atty. Docket No. PP00365.0301

Date Nov 21, 2007

Maria Scarselli
MARIA SCARSELLI

Thomas Sam Fabiano Jr.
Witness

Barbara Polino
Witness