

PATENT ASSIGNMENT

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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>VINCENZO SCARLATO</td> <td>06/25/1999</td> </tr> <tr> <td>VEGA MASIGNANI</td> <td>06/25/1999</td> </tr> <tr> <td>RINO RAPPUOLI</td> <td>06/25/1999</td> </tr> <tr> <td>MARIAGRAZIA PIZZA</td> <td>06/25/1999</td> </tr> <tr> <td>GUIDO GRANDI</td> <td>06/25/1999</td> </tr> </tbody> </table>		Name	Execution Date	VINCENZO SCARLATO	06/25/1999	VEGA MASIGNANI	06/25/1999	RINO RAPPUOLI	06/25/1999	MARIAGRAZIA PIZZA	06/25/1999	GUIDO GRANDI	06/25/1999
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RINO RAPPUOLI	06/25/1999												
MARIAGRAZIA PIZZA	06/25/1999												
GUIDO GRANDI	06/25/1999												
RECEIVING PARTY DATA													
Name:	CHIRON SPA												
Street Address:	Via Fiorentina 1												
City:	Siena												
State/Country:	ITALY												
Postal Code:	I-53100												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>10695499</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	10695499								
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Application Number:	10695499												
CORRESPONDENCE DATA													
Fax Number:	(510)655-3542												
<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:	PAT051105-US-CNT01												
NAME OF SUBMITTER:	Kara Shure												

CH \$40.00 10695499

Total Attachments: 3

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RECORDATION FORM COVER SHEET
PATENTS ONLY

Atty Docket No.: PAT051105-US-CNT1

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

1. Name of conveying party(ies):

VINCENZO SCARLATO
VEGA MASIGNANI
RINO RAPPUOLI
MARIAGRAZIA PIZZA
GUIDO GRANDI

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

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

CHIRON SPA
Via Fiorentina, 1
I-53100 Siena
Italy

 Other

Additional name(s) & address(es) 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): 06/25/1999; 06/25/1999; 06/25/1999;
06/25/1999; 06/25/1999

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 10/695,499
filed October 28, 2003

Additional number(s) attached Yes No

B. Patent No. (s)

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 **1**

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

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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

30 November 2005

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, WE, ENZO SCALATO, VEGA MASIGNANI, RINO RAPPUOLI, MARIAGRAZIA PIZZA AND GUIDO GRANDI

hereinafter referred to as *ASSIGNORS*, have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **MENINGOCCAL ANTIGENS**

Date of Execution: April 6 & 7, 1999 Filing Date: April 30, 1999

Serial No: 09/302,626

WHEREAS, CHIRON S.p.A. of 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 for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, 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 names to this assignment on the dates indicated below.

DATE 25/6/99

Vincenzo Scarlato
Enzo Scalato SCARLATO VINCENZO

DATE 25/6/99

Vega Massignani
Vega Massignani

DATE 25/6/99

Rino Rappuoli
Rino Rappuoli

DATE 25/6/99

Mariagrazia Pizza
Mariagrazia Pizza

DATE 25/6/99

Guido Grandi
Guido Grandi

[A large diagonal line is drawn across the bottom half of the page.]