

Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002)	RECORDATION FORM COVER SHEET PATENTS ONLY	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office Chiron Docket No.: PP15883.015
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

 Maria Beatrice Arico, Maurizio Comanducci, Cesira Galeotti, Vega Masignani, Marzia Monica Giuliani, Mariagrazia Pizza

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

2. Name and address of receiving party(ies)
 Name:
 CHIRON S.r.l.
 Via Fiorentina 1
 I-53100 Siena
 Italy

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: 6/20/05; 6/16/05; 6/8/05; 6/17/05

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/IB02/00452
 10/220,482

Additional number(s) attached Yes No

B. Patent Registration No.(s)

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

 CHIRON CORPORATION
 Intellectual Property - R440
 P.O. Box 8097
 Emeryville, CA 94662-8097

6. Total number of applications and patents involved

7. Total fee (37 CFR 3.41)..... \$40.00
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Richard C. Ekstrom, Reg. No. 37,027 Richard C. Ekstrom 15 July 2005
 Name of Person Signing Signature Date

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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 703-306-5995 on July 15, 2005 by Jeanne Lupton

Jeanne Lupton
 Jeanne Lupton

CH \$40.00 031664 10220482

Chiron Docket No. PP15883.015

ASSIGNMENT

WHEREAS, WE, MARIA BEATRICE ARICO, MAURIZIO COMANDUCCI, CESIRA GALEOTTI, VEGA MASIGNANI, MARZIA MONICA GIULIANI, and MARIAGRAZIA PIZZA, 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: **HETEROLOGOUS EXPRESSION OF NEISSERIAL PROTEINS**

Dates of Execution: June 20, 2005; June 16, 2005; June 8, 2005; June 17, 2005

Serial Nos: PCT/IB02/00452

Filing Dates: February 28, 2001

10/220,482

August 13, 2003

WHEREAS, CHIRON S.r.l., Via Fiorentina, 1, I-53100, Siena, Italy, a corporation of the country of 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 (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.

F:\SHARED\MATTERS\15883\015\ASSIGNMENT

Chiron Docket No. PP15883.015

ASSIGNORS also agree that the U.S. serial number may be entered above by **ASSIGNEE** or its agents upon designation of the serial number by the U.S. Patent and Trademark Office.

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 JUNE - 20TH - 2005

Maria Arico

MARIA BEATRICE ARICO

LORENZO TOLLERI

Lorenzo Toller

Witnessed by

ANTONIETA MAIORINO

Antonietta

Witnessed by

DATE JUNE - 16th - 2005

Maurizio Comanducci

MAURIZIO COMANDUCCI

LORENZO TOLLERI

Lorenzo Toller

Witnessed by

MARIA MONICA GIULIANI

Maria Monica Giuliani

Witnessed by

Chiron Docket No. PP15883.015

DATE June 16 2005

Cesira Galeotti
CESIRA GALEOTTI

LORENZO TOLLERI
Witnessed by Lorenzo Toller

ANTONETTA MAIORINO
Witnessed by Antonetta

DATE 8/06/05

Vega Masignani
VEGA MASIGNANI

8/06/05
Witnessed by [Signature]

LORENZO TOLLERI
Witnessed by Lorenzo Toller

DATE 8/06/05

Marzia Monica Giuliani
MARZIA MONICA GIULIANI

LORENZO TOLLERI
Witnessed by Lorenzo Toller

MAURIZIO COMANUCCI
Witnessed by Maurizio

DATE 06/17/2005

Mariagrazia Piza
MARIAGRAZIA PIZZA

ANTONETTA MAIORINO
Witnessed by Antonetta

LORENZO TOLLERI
Witnessed by Lorenzo Toller