

03-07-2002

PATENT
Atty. Dkt. No. PP1591.101

I hereby certify that this paper
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Gyne Riber
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Nov. 28, 2001
Date

MED 2/19/2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

GUIDO GRANDI et al.

Serial No.: 09/914,454
(I.A. PCT/IB00/00176)

Group Art: Unassigned

Int. Filed: February 9, 2000

Examiner: Unassigned

For : ENHANCEMENT OF BACTERICIDAL ACTIVITY OF NEISSERIA
ANTIGENS WITH OLIGONUCLEOTIDES CONTAINING CG MOTIFS

ASSIGNMENT DOCUMENT COVER LETTER

Box Assignment
Assistant Commissioner of Patents and Trademarks
Washington, D.C. 20231

1. The accompanying assignment covers the patent or application identified above.

No other patents or applications are covered by the assignment.

Other patents and/or applications are covered by the assignment as shown
on the attached LIST OF PATENTS AND/OR APPLICATIONS COVERED
BY ASSIGNMENT.

NAMES OF PARTY MAKING TRANSFER

2. Name 1: Guido Grandi Marzia M. Giuliani
Rino Rappuoli Mariagrazia Pizza

IDENTITY OF PARTY TO WHOM TRANSFER IS MADE

3. Transfer is being made to:

CHIRON S.p.A.
Via Fiorentina 1
53100 Siena , ITALY

03/06/2002 00000116 09914454
01 FC:581 40.00 DP

PATENT
REEL: 012632 FRAME: 0328

INTENTION OF DOCUMENT

4. The accompanying document is an:

X Assignment ___ License
___ Security Interest ___ Other

X Execution Date: 11/07, 11/08 & 11/09/01

FEE PAYMENT

5. X Enclosed is a check for \$40.00. The Commissioner is hereby authorized to charge any additional fees which may be required or credit any overpayment to Deposit Account No. 03-1664. THIS IS NOT AN AUTHORIZATION FOR PAYMENT OF ANY ISSUE FEES.

ADDRESS TO WHICH DOCUMENT SHOULD BE RETURNED AFTER RECORDAL BY PTO

7. Please return the recorded document to:

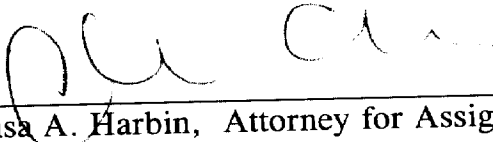
CHIRON CORPORATION
Intellectual Property - R440
P.O. Box 8097
Emeryville, California 94662-8097
United States of America

STATEMENT BY THE PARTY

8. I hereby submit that, to the best of my knowledge and belief, the foregoing information contained herein is true and correct and any copy submitted herewith is a true and correct copy of the original document.

Respectfully submitted,

Dated: 29 Nov 2001

By: 
Alisa A. Harbin, Attorney for Assignee
Reg. No. 33,895

CHIRON CORPORATION
Intellectual Property - R440
P.O. Box 8097
Emeryville, California 94662-8097
(510) 923-2708

Total number of pages comprising cover sheet: 5 (Cover Letter plus Original Assignment)

ASSIGNMENT

WHEREAS, WE, GUIDO GRANDI, RINO RAPPUOLI, MARZIA M. 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: **ENHANCEMENT OF BACTERICIDAL ACTIVITY OF NEISSERIA ANTIGENS WITH OLIGONUCLEOTIDES CONTAINING CG MOTIFS**

Date of Execution: I.A. Filing Date: 02/09/00

Serial No: 09/914,454 (I.A. PCT/IB00/00176)

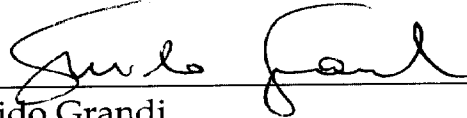
WHEREAS, CHIRON S.p.A. of Via Fiorentina 1, I-53100, Siena, ITALY, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in the above invention and application and in any Letters Patent which may be granted on the same;

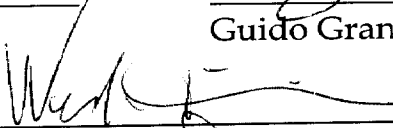
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNORS by ASSIGNEE, receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer 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 (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

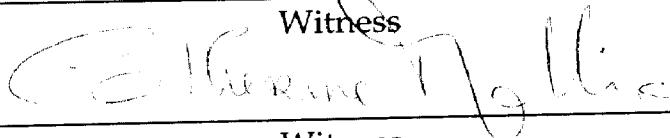
ASSIGNORS had this assignment and transfer not been made, to the full end and term of any Letters Patent.

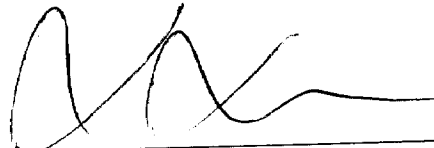
ASSIGNORS further agree that they will, without charge to said **ASSIGNEE**, but at **ASSIGNEE'S** expense, cooperate with **ASSIGNEE** in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent 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.

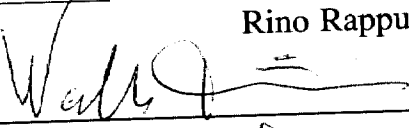
IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed their name to this assignment on the dates indicated below.

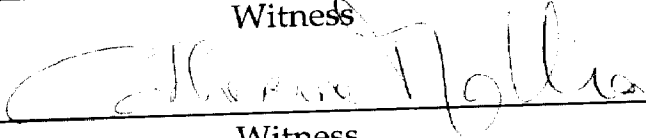
DATE 7/11/01 
Guido Grandi


Witness


Witness

DATE 7/11/01 
Rino Rappuoli


Witness


Witness

DATE 3/11/01 *Maria M. Giuliani*
_____ **Maria M. Giuliani**

Wade J. [Signature]
_____ **Witness**

John M. [Signature]
_____ **Witness**

DATE 3/11/01 *Mariagrazia Pizza*
_____ **Mariagrazia Pizza**

Wade J. [Signature]
_____ **Witness**

John M. [Signature]
_____ **Witness**