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103173786

Atty Docket No.: PP23347.0002

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

2.3.16

1. Name of conveying party(ies):

Derek O'Hagan
Manmohan Singh

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

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

Chiron Corporation
4560 Horton Street
Emeryville, CA 94608
U.S.A.

 Other

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

3. Nature of conveyance:

 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: February 1, 2006

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)

International Application No. PCT/US05/41107
Filed November 15, 2005

Additional number(s) attached Yes No

B. Patent Registration No.(s)

RECORDED
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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: 1

7. Total fee (37 CFR 3.41)..... \$40.00
 Enclosed
 Authorized to be charged to deposit account,

8. Deposit account number: **03-1664**

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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, 39 270
Name of Person Signing

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February 1, 2006
Date

02/06/2006 LNUJELLER 00000122 PCT/US05/41107

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

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[Signature]
Gyne Riser

02/01/06
Date

PATENT
REEL: 017525 FRAME: 0443

ASSIGNMENT

WHEREAS, WE, DEREK O'HAGAN AND MANMOHAN SINGH

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: **IMMUNOGENIC COMPOSITIONS CONTAINING ANTHRAX ANTIGEN, BIODEGRADABLE POLYMER MICROPARTICLES, AND POLYNUCLEOTIDE-CONTAINING IMMUNOLOGICAL ADJUVANT**

Date of Execution: 02/01/06 International Filing Date: November 2, 2005

International Application No. PCT/US05/41107

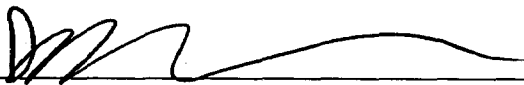
WHEREAS, CHIRON CORPORATION, 4560 Horton Street, Emeryville, California 94608-2916, a corporation of the State of Delaware, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in the above invention and application and in any Letters Patent which may be 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.

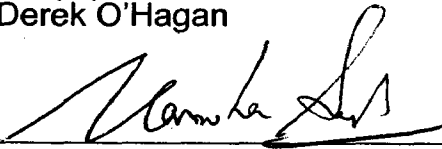
ASSIGNORS further agree that they will, without charge to said **ASSIGNEE**, but at **ASSIGNEE'S** expense, cooperate with **ASSIGNEE** in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent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

DATE 2/1/06


Derek O'Hagan

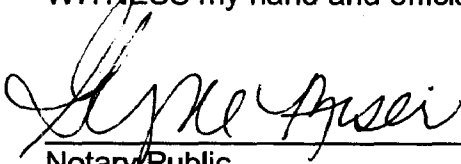
DATE 2/1/06


Manmohan Singh

STATE OF CALIFORNIA
COUNTY OF ALAMEDA

On 02/01/06 before me, Gyne Riser, Notary Public, personally appeared Derek O'Hagan and Manmohan Singh, personally known to me to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same in their authorized capacities and that by their signature on the instrument the persons or the entity upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.


Notary Public

