

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Derek O'Hagan</td> <td>06/07/2000</td> </tr> <tr> <td>Gary Van Nest</td> <td>08/14/2000</td> </tr> <tr> <td>Gary S Ott</td> <td>06/08/2000</td> </tr> <tr> <td>Manmohan Singh</td> <td>07/18/2000</td> </tr> </tbody> </table>		Name	Execution Date	Derek O'Hagan	06/07/2000	Gary Van Nest	08/14/2000	Gary S Ott	06/08/2000	Manmohan Singh	07/18/2000
Name	Execution Date										
Derek O'Hagan	06/07/2000										
Gary Van Nest	08/14/2000										
Gary S Ott	06/08/2000										
Manmohan Singh	07/18/2000										
<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Chiron Corporation</td> </tr> <tr> <td>Street Address:</td> <td>4560 Horton Street</td> </tr> <tr> <td>City:</td> <td>Emeryville</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94608-2916</td> </tr> </table>		Name:	Chiron Corporation	Street Address:	4560 Horton Street	City:	Emeryville	State/Country:	CALIFORNIA	Postal Code:	94608-2916
Name:	Chiron Corporation										
Street Address:	4560 Horton Street										
City:	Emeryville										
State/Country:	CALIFORNIA										
Postal Code:	94608-2916										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Patent Number:</td> <td>7393630</td> </tr> </tbody> </table>		Property Type	Number	Patent Number:	7393630						
Property Type	Number										
Patent Number:	7393630										
<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (510)655-3542</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 5109232192</p> <p>Email: felicia.soria@novartis.com</p> <p>Correspondent Name: Helen Lee</p> <p>Address Line 1: 4560 Horton Street</p> <p>Address Line 2: Corporate Intellectual Property</p> <p>Address Line 4: Emeryville, CALIFORNIA 94662-8097</p>											
ATTORNEY DOCKET NUMBER:	PAT051456-US-CNT03										
NAME OF SUBMITTER:	Felicia Soria										
Total Attachments: 8											

CH \$40.00 7393630

**501464190**

**PATENT**  
**REEL: 025939 FRAME: 0333**

source=Assignment-Inventors-to-Chiron-51456-US-CNT3#page1.tif  
source=Assignment-Inventors-to-Chiron-51456-US-CNT3#page2.tif  
source=Assignment-Inventors-to-Chiron-51456-US-CNT3#page3.tif  
source=Assignment-Inventors-to-Chiron-51456-US-CNT3#page4.tif  
source=Assignment-Inventors-to-Chiron-51456-US-CNT3#page5.tif  
source=Assignment-Inventors-to-Chiron-51456-US-CNT3#page6.tif  
source=Assignment-Inventors-to-Chiron-51456-US-CNT3#page7.tif  
source=Assignment-Inventors-to-Chiron-51456-US-CNT3#page8.tif

RECORDATION FORM COVER SHEET  
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

Atty Docket No.: PAT051456-US-CNT03

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

1. Name of conveying party(ies):

DEREK O'HAGAN  
GARY VAN NEST  
GARY S. OTT  
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, California  
94608-2916

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement ☐ Other \_\_\_\_\_  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License

☐ Other

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

Execution Date(s): 06/07/2000, 06/08/2000, 07/18/2000,  
08/14/2000

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)

B. Patent No.(s)

7,393,630

Additional number(s) attached ☐ Yes ☒ No

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)

DO NOT USE THIS SPACE

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

Date

Total number of pages including cover sheet, attachments, and document: 8

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*, **DEREK O'HAGAN, GARY VAN NEST, GARY S. OTT, and MANMOHAN SINGH**, hereinafter referred to as **ASSIGNORS**, have co-invented certain improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:   **USE OF MICROPARTICLES COMBINED WITH SUBMICRON OIL-  
IN-WATER EMULSIONS**

Date of Execution: June 7, 2000, June 8, 2000, and July 18, 2000

Filing Date:           January 29, 1998

Serial No:             09/015,736

WHEREAS, **CHIRON CORPORATION**, located at 4560 Horton Street, Emeryville, California 94608-2916, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the entire right, title and interest in the said 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** also agree that the U.S. serial number and the filing date may be entered above by **ASSIGNEE** or its agents upon designation of the serial number and the filing date 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.

INVENTOR: DEREK O'HAGAN


DATE 6.7.00

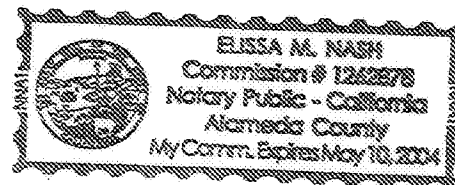
  
Signature

State of California  
County of Alameda

On 6/8/00 before me, Elissa M. Nash, Notary Public,  
personally appeared Derek O'Hagan, personally known to me OR proved  
to me on the basis of satisfactory evidence to be the person whose name is subscribed to the  
within instrument and acknowledged to me that ~~he~~/ ~~she~~/ ~~they~~ executed the same in  
~~his~~/ ~~her~~/ ~~their~~ authorized capacity(~~ies~~), and that by ~~his~~/ ~~her~~/ ~~their~~ signature(~~s~~) on the  
instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed  
the instrument.

WITNESS my hand and official seal.

  
Signature of Notary Public



Notary Seal

INVENTOR: GARY VAN NEST

DATE \_\_\_\_\_  
Signature

State of California  
County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_, Notary Public,  
personally appeared \_\_\_\_\_, personally known to me OR proved  
to me on the basis of satisfactory evidence to be the person whose name is subscribed to the  
within instrument and acknowledged to me that he/she/they executed the same in  
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the  
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed  
the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature of Notary Public

Notary Seal

INVENTOR: GARY S. OTT

DATE 6/8/00

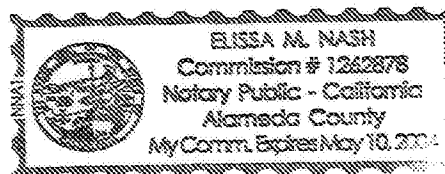
Gary S. Ott  
Signature

State of California  
County of Alameda

On 6/8/00 before me, Elissa M. Nash, Notary Public,  
personally appeared Gary Ott, ~~personally known to me OR~~ proved  
to me on the basis of satisfactory evidence to be the person whose name is subscribed to the  
within instrument and acknowledged to me that ~~he~~/she/~~they~~ executed the same in  
(his)/~~her~~/~~their~~ authorized capacity(ies), and that by ~~his~~/~~her~~/~~their~~ signature(s) on the  
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed  
the instrument.

WITNESS my hand and official seal.

Elissa M. Nash  
Signature of Notary Public



Notary Seal

INVENTOR: MANMOHAN SINGH

DATE 18<sup>th</sup> July 2000

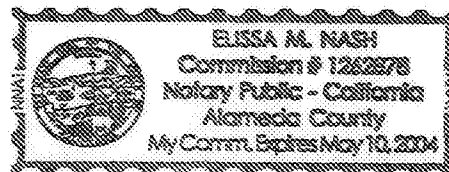
Manmohan Singh  
Signature

State of California  
County of Alameda

On 7/18/00 before me, Eliisa M. Nash, Notary Public,  
personally appeared Manmohan Singh, personally known to me OR proved  
to me on the basis of satisfactory evidence to be the person whose name is subscribed to the  
within instrument and acknowledged to me that he/she/they executed the same in  
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the  
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed  
the instrument.

WITNESS my hand and official seal.

Eliisa M. Nash  
Signature of Notary Public



Notary Seal



**ASSIGNMENT**

WHEREAS, We, DEREK O'HAGAN, GARY VAN NEST, GARY S. OTT, and MANMOHAN SINGH, hereinafter referred to as **ASSIGNORS**, have co-invented certain improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: USE OF MICROPARTICLES COMBINED WITH SUBMICRON OIL-IN-WATER EMULSIONS

Date of Execution: August 14, 2000

Filing Date: January 29, 1998

Serial No: 09/015,736

WHEREAS, **CHIRON CORPORATION**, located at 4560 Horton Street, Emeryville, California 94608-2916, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

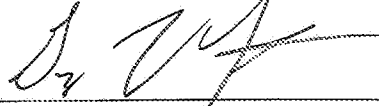
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to **ASSIGNORS** by **ASSIGNEE**, receipt of which is hereby acknowledged, **ASSIGNORS** have sold, assigned and transferred, and by these presents do sell, assign 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** also agree that the U.S. serial number and the filing date may be entered above by **ASSIGNEE** or its agents upon designation of the serial number and the filing date by the U.S. Patent and Trademark Office.

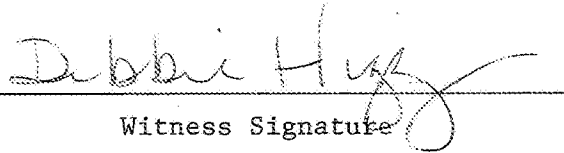
INVENTOR: GARY VAN NEST

DATE

8/14/00



Signature



Witness Signature