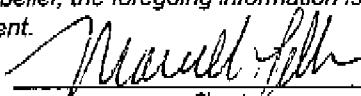
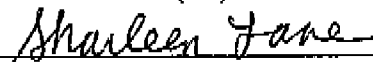


Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
Atty Docket No.: PP023466.0004					
To the Director of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): David Y. CHIEN Doris G. COIT Carlos GEORGE-NASCIMENTO Sansan LIN Angelica MEDINA-SELBY Laura TANDESKE Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies) Name: CHIRON CORPORATION 4560 Horton Street Emeryville, CA 94608-2916 <input type="checkbox"/> Other Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____			Execution Dates: January 20 and 26, 2005; February 4 and 7, 2005		
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 11/661,577 filed February 27, 2007 B. Patent No.(s)					
Additional number(s) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: NOVARTIS VACCINES AND DIAGNOSTICS, INC. Intellectual Property – R338 P.O. Box 8097 Emeryville, CA 94662-8097			6. Total number of applications and patents involved <u>1</u> 7. Total fee (37 CFR 3.41)..... \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> 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. <i>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.</i> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <u>Marcella Lillis, Reg. No. 36,583</u> Name of Person Signing </div> <div style="width: 30%; text-align: center;">  Signature </div> <div style="width: 30%; text-align: center;"> <u>5/25/07</u> Date </div> </div> <div style="text-align: right; margin-top: 10px;"> Total number of pages including cover sheet, attachments, and document: <u>8</u> </div>					

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

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 facsimile number (571) 273-0140 on 5-25-07


 Sharleen Lane

PATENT
Attorney Docket No. PP-23466.002

ASSIGNMENT

WHEREAS, We, DAVID Y. CHIEN, DORIS G. COIT, CARLOS GEORGE-NASCIMENTO, SANSAN LIN, ANGELICA MEDINA-SELBY and LAURA TANDESKE, 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: HCV MULTIPLE EPITOPE FUSION ANTIGENS WITH
MODIFIED PROTEOLYTIC CLEAVAGE SITES AND USES
THEREOF

Date of Execution: January 26, 2005, February 7, 2005, January 20, 2005,
January 26, 2005, February 4, 2005 and January 26, 2005

Filing Date: October 25, 2004

Serial No: Application No. 60/621,790

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.

PATENT

Attorney Docket No. PP-23466.002

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: DAVID Y. CHIEN

DATE Jan. 26, 2005

David Y. Chien
Signature

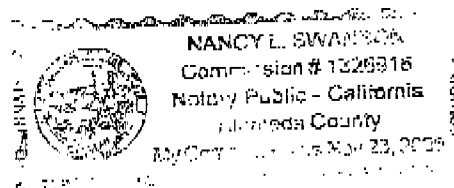
State of California

County of Alameda

On 1/26/05 before me, Nancy L. Swanson, Notary Public, personally appeared David Y. Chien, 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.

Nancy L. Swanson
Signature of Notary Public



Notary Seal

PATENT
Attorney Docket No. PP-23466.002

INVENTOR: DORIS G. COIT

DATE 2/7/2005

Doris G. Coit
Signature

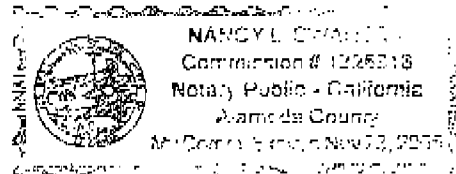
State of California

County of Alameda

On 2/7/05 before me, Nancy L. Sudme, Notary Public, personally appeared Doris G. Coit, 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.

Nancy L. Sudme
Signature of Notary Public



Notary Seal

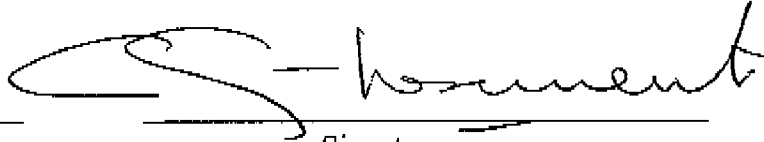
PATENT

Attorney Docket No. PP-23466.002

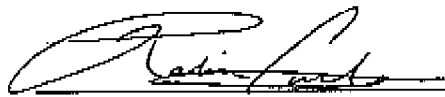
INVENTOR: CARLOS GEORGE-NASCIMENTO

DATE

1/20/2005



Signature



Signature of person witnessing Carlos George-Nascimento
signing Assignment for U.S. Provisional Application No. 60/621,502

PATENT
Attorney Docket No. PP-23466.002

INVENTOR: SANSAN LIN

DATE 1/26/05

Sansan Lin
Signature

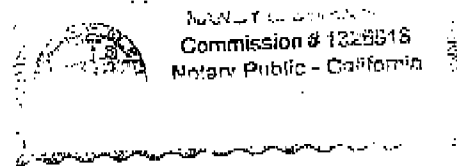
State of California

County of Alameda

On 1/26/05 before me, Nancy L. Swann, Notary Public, personally appeared SANSAN LIN, 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.

Nancy L. Swann
Signature of Notary Public



Notary Seal

PATENT
Attorney Docket No. PP-23466.002

INVENTOR: ANGELICA MEDINA-SELBY

DATE Feb. 4, 2005

Angelica Medina-Selby
Signature

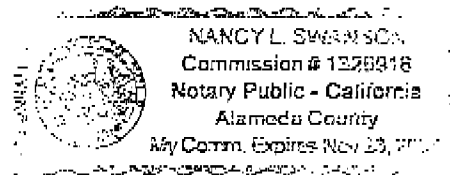
State of California

County of Alameda

On 2/4/05 before me, Nancy L. Swanson, Notary Public, personally appeared Angelica Medina-Selby, 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.

Nancy L. Swanson
Signature of Notary Public



Notary Seal

PATENT
Attorney Docket No. PP-23466.002

INVENTOR: LAURA TANDESKE

DATE 1/26/05Laura Tandeske

Signature

State of California

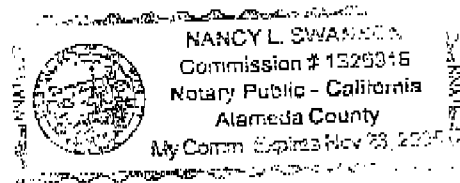
County of Alameda

On 1/26/05 before me, Nancy L. Swanson, Notary Public, personally appeared Laura Tandeske, 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.

Nancy L. Swanson

Signature of Notary Public



Notary Seal