PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3038774

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SPELLING OF THE CONVEYING PARTY FROM NOVARTIS VACCINES AND DIGNOSTICS, SRL TO NOVARTIS VACCINES AND DIAGNOSTICS, SRL previously recorded on Reel 033742 Frame 0132. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNOR'S INTEREST.

CONVEYING PARTY DATA

Name	Execution Date
NOVARTIS VACCINES AND DIAGNOSTICS, SRL	08/11/2014

RECEIVING PARTY DATA

Name:	CHILDREN'S HOSPITAL & RESEARCH CENTER OAKLAND	
Street Address:	747 52ND STREET	
City:	OAKLAND	
State/Country:	CALIFORNIA	
Postal Code:	94609	

PROPERTY NUMBERS Total: 2

Property Type	Number
Patent Number:	8470340
Application Number:	61094041

CORRESPONDENCE DATA

Fax Number: (650)327-3231

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 6503273400

Email: weissenberger@bozpat.com

CAROL L. FRANCIS **Correspondent Name:** 1900 UNIVERSITY AVE. Address Line 1:

Address Line 2: SUITE 200

Address Line 4: PALO ALTO, CALIFORNIA 94303

ATTORNEY DOCKET NUMBER:	CHOR-045, 045PRV
NAME OF SUBMITTER:	CAROL L. FRANCIS
SIGNATURE:	/Carol L. Francis, Reg. No. 36,513/
DATE SIGNED:	09/25/2014

Total Attachments: 3

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PATENT REEL: 033824 FRAME: 0605

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PATENT REEL: 033824 FRAME: 0606

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3022990

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NOVARTIS VACCINES AND DIGNOSTICS, SRL	08/11/2014

RECEIVING PARTY DATA

Name:	CHILDREN'S HOSPITAL & RESEARCH CENTER OAKLAND
Street Address:	747 52ND STREET
City:	OAKLAND
State/Country:	CALIFORNIA
Postal Code:	94609

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	61094041
Application Number:	13058283

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	CHOR-045, 045PRV	
NAME OF SUBMITTER:	CAROL L. FRANCIS	
SIGNATURE:	/Carol L. Francis, Reg. No. 36513/	
DATE SIGNED:	09/15/2014	

Total Attachments: 2

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> **PATENT** REEL: 033824 FRAME: 0607

ASSIGNMENT OF APPLICATION

Atty Docket Nos. CHOR-045PRV and CHOR-045 USSN: 61/094,041 and 13/058,283

THIS ASSIGNMENT, by Novartis Vaccines and Diagnostics, SRL a Corporation duly organized under and pursuant to the laws of Italy, and having its principal place of business at Via Florentina, 1 1-53100 Siena, Italy, (hereinafter referred to as the assignor), witnesseth:

WHEREAS, the said assignor has acquired, by virtue of assignment from an inventor, certain rights in certain new and useful improvements in:

"Peptides Presenting an Epitope of a Domain of Factor H Binding Protein and Methods of Use"

X filed on September 3, 2008 as U.S. Application Serial No. 61/094,041; and

X filed on April 7, 2011 as U.S. Application Serial No. 13/058,283.

WHEREAS, Children's Hospital & Research Center Oakland a non profit duly organized under and pursuant to the laws of California, and having its principal place of business at 747 52nd Street, Oakland, CA 94609 (hereinafter referred to as the assignee) is desirous of acquiring its right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, for good and sufficient considerations, the receipt of which is hereby acknowledged, said assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, all of its right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor, had this sale and assignment not been made.

AND for the same consideration, said assignor hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and that said assignors has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignor hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that said assignor will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the use and behalf of said assignee, its successors, legal representatives and assigns.

PATENT

REEL: 033824 FRAME: 0608

ASSIGNMENT OF APPLICATION

Atty Docket Nos. CHOR-045PRV and CHOR-045 USSN: 61/094,041 and 13/058,283 By: Signature of authorized representative of Novartis Vaccines and Diagnostics, SRL Name of Signatory: <u>Authorized Signatory</u> Date 11 AUG 14 By: Signature of authorized representative of Children's Hospital & Research Center Oakland Date August 28, 2014 Name of Signatory: Rajnesh K. Prasad Title of Signatory: VP, Research Operations

RECORDED: 09/25/2014

PATENT

REEL: 033824 FRAME: 0609