

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Nicola GROTH	12/06/2011
RECEIVING PARTY DATA	
Name:	Novartis Vaccines and Diagnostics S.r.l.
Street Address:	Via Fiorentina 1
City:	Siena
State/Country:	ITALY
Postal Code:	I-53100
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13279156
CORRESPONDENCE DATA	
Fax Number:	(510)655-3542
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Novartis Vaccines and Diagnostics, Inc.
Address Line 1:	4560 Horton Street
Address Line 2:	IP Services M/S X-100B
Address Line 4:	Emeryville, CALIFORNIA 94608-2916
ATTORNEY DOCKET NUMBER:	PAT054426-US-NP
NAME OF SUBMITTER:	Helen Lee
Total Attachments: 2 source=54426-US-NP ASG Srl-Inv#page1.tif source=54426-US-NP ASG Srl-Inv#page2.tif	

CH \$40.00 13279156

ASSIGNMENT

For good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I

Nicola GROTH

do hereby sell, assign and transfer to to **Novartis Vaccines and Diagnostics, S.r.l., Via Fiorentina 1, Siena, ITALY, I-53100**, (hereinafter referred to as the "**ASSIGNEE**") and its successors, assigns and legal representatives, my right, title and interest for all countries of the world in and to (1) all of our inventions and discoveries described in the patent application(s) entitled

REDUCING HOSPITALIZATION IN ELDERLY INFLUENZA VACCINE RECIPIENTS

filed* in the RO/_____ on _____, 20____, and accorded International Patent Application Number PCT _____, (2) said patent application(s), (3) all national stages of said international patent application, (4) all other patent applications in all countries and regions claiming the priority of the United States Of America, patent application filed on October 21, 2011 and accorded Application Number 13/279,156 (5) all continuations and divisions of all of said patent applications (including further continuations and divisions such as, but not limited to, continuations of continuations and continuations of divisions), ((2)-(5) hereinafter referred to collectively as "patent applications"), (6) all patents that are granted on any of said patent applications, (7) all registrations and confirmations of, and importation certificates based on, one or more of said patents and (8) all reissues, renewals and extensions of said patents, reexamination certificates issued for said patents and supplementary protection certificates based on said patents (including the right to file patent applications on said inventions and discoveries in the names of **ASSIGNEE**, their designees or in any or all of our names, at their election and in accordance with applicable law in all countries and regions and all rights of priority in all countries and regions for all of said patent applications under the International Convention for the Protection of Industrial Property, and all other applicable similar international agreements), the same to be held and enjoyed by said **ASSIGNEE**, their successors, assigns and legal representatives, to the full ends of the terms for which all patents therefor may be granted, as fully and entirely as the same would have been held and enjoyed by us if this sale, assignment and transfer had not been made.

*We hereby authorize **ASSIGNEE** and their representatives to insert in this instrument the Application Number and the filing date of said patent application when notified thereof.

And we hereby covenant and agree that we will, at any time, upon the request and at the expense of **ASSIGNEE**, execute and deliver all documents that may be necessary or desirable to perfect the title to the foregoing inventions and discoveries, patent applications, patents, registrations, confirmations, importation certificates, reissues, renewals, extensions, reexamination certificates and supplementary protection certificates in **ASSIGNEE**, their successors, assigns or other legal representatives, including the execution and procurement of all further documents evidencing this sale, assignment and transfer as may be necessary or desirable for recording the same in the patent office or other intellectual property office, agency or the like of any country or region, that we will, at any time, upon the request and at the expense of **ASSIGNEE**, execute all additional patent applications, applications for registration and/or confirmation of one or more of said patents, applications for certificates of importation based on one or more of said patents, applications for reissues, renewals and extensions of one or more of said patents and supplemental protection certificates based upon one or more of said patents, and that we will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of **ASSIGNEE**, the successors, assigns or other legal representatives.

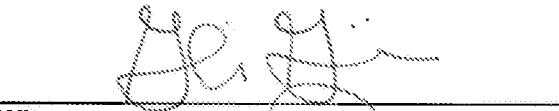
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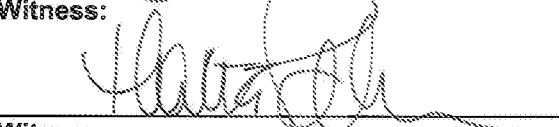
REEL: 027455 FRAME: 0046

This Assignment is effective as from the earliest priority date as stated above

Executed this 6 day of Dec, 2011.


Name: Nicola GROTH


Witness:


Witness: