

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4779386

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	NOVARTIS VACCINES AND DIAGNOSTICS SRL	12/29/2011
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	NOVARTIS AG	
<b>Street Address:</b>	LICHTSTRASSE 35	
<b>City:</b>	BASEL	
<b>State/Country:</b>	SWITZERLAND	
<b>Postal Code:</b>	CH-4056	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	15007719
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(202)408-4400	
<i>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.</i>		
<b>Phone:</b>	202-408-4000	
<b>Email:</b>	pam.gebhardtsbauer@finnegan.com	
<b>Correspondent Name:</b>	FINNEGAN HENDERSON FARABOW GARRETT & DUNNER LLP	
<b>Address Line 1:</b>	901 NEW YORK AVE., NW	
<b>Address Line 4:</b>	WASHINGTON, D.C. 20001	
<b>ATTORNEY DOCKET NUMBER:</b>	13898.0024-01000	
<b>NAME OF SUBMITTER:</b>	PAMELA A. GEBHARDTSBAUER	
<b>SIGNATURE:</b>	/Pamela A. Gebhardtsbauer/	
<b>DATE SIGNED:</b>	01/17/2018	
<b>Total Attachments: 3</b>		
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***ASSIGNMENT***

*WHEREAS*, NOVARTIS VACCINES AND DIAGNOSTICS SRL, with a place of business at Via Fiorentina 1, Siena, Italy I-53100, hereinafter referred to as ***ASSIGNOR***, has rights by assignment to the invention described and set forth in the below-identified application for United States Letters Patent, hereinafter referred to as the *APPLICATION*:

Title of Invention:     **INFLUENZA VACCINES WITH REDUCED  
                                  AMOUNTS OF SQUALENE**

Date of Execution:

Priority Data:	<u>Application No.</u>	<u>I.A.Filing Date</u>
	13/148,939	February 10, 2010

*WHEREAS*, NOVARTIS AG, with a place of business at Lichtstrasse 35, CH-4056 Basel, Switzerland, which along with its successors and assigns shall be hereinafter referred to as ***ASSIGNEE***, is desirous of acquiring an equal and undivided interest of the entire right, title and interest in and to the said *APPLICATION*, (including rights under the Paris Convention for the Protection of Industrial Property) which may exist or be granted on the same throughout the world, hereinafter referred to as the *PROPERTY*;

*NOW, THEREFORE*, ***ASSIGNOR*** sells and assigns all its right, title and interest in and to the said *PROPERTY* to the said ***ASSIGNEE***.

***ASSIGNOR*** further agrees to execute any further instruments necessary to effect this assignment.

*IN TESTIMONY WHEREOF, ASSIGNOR'S* Representative has hereunto  
signed to this assignment on the date indicated below.

NOVARTIS VACCINES AND DIAGNOSTICS SRL

Date: 29 DEC 2011

By: 

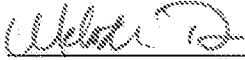
Stephen John Eyes Evans  
Attorney-In-Fact

**ACCEPTANCE OF ASSIGNMENT**

With reference to the Assignment to **NOVARTIS AG** of an invention entitled "**INFLUENZA VACCINES WITH REDUCED AMOUNTS OF SQUALENE**" signed by **Novartis Vaccines and Diagnostics Srl.**; this will certify that **NOVARTIS AG** accepts such Assignment.

**NOVARTIS AG**

By :





Name : Melodi K. Dice

Nafra Bates

Function : Authorized Representative

Authorized Representative

Date:

