PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
David Skibinski	08/24/2010

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: 2

Property Type	Number	
Application Number:	61148336	
PCT Number:	US0935563	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: PAT052856-US-PSP02

NAME OF SUBMITTER: Daniel E. Raymond

Total Attachments: 2

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PATENT REEL: 025120 FRAME: 0546

ASSIGNMENT

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

David Skibinski

do hereby sell, assign and transfer to **Novartis Vaccines and Diagnostics S.R.L.**, with a place of business at Via Fiorentina 1, I-53100, Siena, Italy, (hereinafter referred to as the "**ASSIGNEE**") and its successors, assigns and legal representatives, all our 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

COMPOUNDS AND COMPOSITIONS AS TLR ACTIVITY MODULATORS

and filed in the United States Pate	ent and Trademark Office on	, 20* and accorded
Application Number	* and/or filed in the RO/US on	February 27, 2009* and accorded
International Patent Application N	umber <u>PCT/US2009/035563</u> *, (2) the p	patent application(s) identified in (1),
(3) all national stages of any inter	national patent application identified in	(1), (4) all other patent applications
	ng the priority of the provisional or non-	
in the United States Patent and T	rademark Office on March 03, 2008 an	d accorded Application Number
61/033,139, and filed in the United	d States Patent and Trademark Office of	on January 29, 2009 and accorded
Application Number 61/148,336, ((5) for all patent applications, all rights of	of priority based upon the United
	d in (4) in all countries and regions unde	
	he Inter-American Convention relating t	
Industrial Models and all other into	ernational agreements to which the Uni	ted States now is or hereafter
becomes a signatory and, if the U	nited States patent application identifie	d in (4) is a provisional patent
	(including the right to file patent applica-	
	GNEE or their designees or in my name	
	all countries and regions), (6) all contin	
	ational patent application designating the	
	itional application identified in (1) and a	
	tinuations and divisions such as, but no	
	f divisions), ((2)-(4) and (6) hereinafter	
* * * * * * * * * * * * * * * * * * * *	are granted on any of said patent applic	
	certificates based upon, one or more of	
	and importation certificates and (9) all re	
	nations and importation certificates, ree	
	rotection certificates based upon said p	* *
	examination certificates and supplement	• •
	aid ASSIGNEE and their successors, a	
	n said patents, registrations, confirmation	•
	mentary protection certificates, reissues	· ·
• •	e same would have been held and enjo	by the ir this sale, assignment
and transfer had not been made.		

^{*}I hereby authorize **ASSIGNEE** and their representatives to insert in this Assignment the filing date(s) and Application Number(s) of said patent application(s) when notified thereof.

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And I hereby covenant and agree that I will, at any time, (i) upon the request, but at the expense, of ASSIGNEE or their successors, assigns or legal representatives 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, supplementary protection certificates and applications within the scope of (8) and (9) in ASSIGNEE or their successors, assigns or 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, (ii) upon the request, but at the expense, of ASSIGNEE or their successors, assigns or legal representatives execute all additional patent applications within the scope of (3), (4) and (6) and all applications within the scope of (8) or (9) and (iii) 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 or their successors, assigns or legal representatives.

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

Executed this 24 day of AWOUST , 2010

David Skibinski

ACKNOWLEDGEMENT

RECORDED: 10/11/2010

WITNESS

PATENT REEL: 025120 FRAME: 0548