PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Giuliano Bensi	12/15/2008
Immaculada Margarit Y Ros	12/15/2008
Emiliano Chiarot	12/15/2008
Guido Grandi	12/15/2008
Maria Scarselli	12/15/2008

RECEIVING PARTY DATA

Name:	Novartis Vaccines and Diagnostics Srl		
Street Address:	treet Address: Via Fiorentina 1		
City:	City: Siena		
State/Country:	ITALY		
Postal Code:	53100		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12339365

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 02441.286

NAME OF SUBMITTER: Lisa M. Hemmendinger

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Total Attachments: 1

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PATENT REEL: 024003 FRAME: 0088

<u>ASSIGNMENT</u>

WHEREAS WE, Giuliano BENSI, citizen of Italy; Immaculada MARGARIT Y ROS, citizen of Italy; Emiliano CHIAROT, citizen of Italy; Guido GRANDI, citizen of Italy; and Maria SCARSELLI, citizen of Italy have invented inventions described in U.S. provisional application Serial No. 61/088,381 filed on August 13, 2008; and

WHEREAS, Novartis Srl wants to acquire the entire right, title and interest in and to the aforesaid invention and in and to any Letters Patent of the United States or any foreign country which may be granted therefor;

NOW THEREFORE, for good and valuable consideration, WE, the said Giuliano BENSI, Immaculada MARGARIT Y ROS, Emiliano CHIAROT, Guido GRANDI, and Maria SCARSELLI do sell, assign, and transfer to Novartis Srl, its successors, legal representatives and assigns, the full and exclusive right to the inventions described in the said application, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions, including all priority rights for other countries arising therefrom, and in any and all foreign countries and in and to any and all divisions, reissues, continuations and extensions thereof;

AND WE HEREBY authorize and request the Director of Patents and Trademarks or any other proper officer or agency of any country to issue all said Letters Patent to said assignee;

AND WE HEREBY warrant and covenant that we have full right to convey the entire interest herein assigned and that we have not executed and will not execute any instrument or assignment in conflict herewith;

AND WE HEREBY agree to communicate to said assignee or its representatives any facts known to us respecting said invention, to execute all divisional, continuation, reissue and foreign applications, sign all lawful documents and make all rightful oaths relating to said invention, and to testify in any judicial or administrative proceeding and generally do everything possible to aid the said assignee to obtain and enforce said Letters Patent in the United States or any foreign country when requested so to do by said assignee.

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IN WITNESS WHEREOF, WE have hereunto our hand and seal.

Date:	15	DEC	2008	Inventor:	Juliano Blusi
Date:	15	DEC	2008	Inventor:	Gidliano BENSI Ways
Date:	45	DEC	Boos	Inventor:	About Colo
Date:	15	DEC.	800S	Inventor:	Emiliano CHIAROT Guido GRANDI
Date:	15	DEC	S000	Inventor:	Olone Conseu

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RECORDED: 02/28/2010