

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Novartis Vaccines and Diagnostics S.r.L.	12/17/2008
RECEIVING PARTY DATA	
Name:	Novartis AG
Street Address:	Lichtstrasse 35
City:	Basel
State/Country:	SWITZERLAND
Postal Code:	4056
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13232764
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ASSIGNMENT

WHEREAS Novartis Vaccines and Diagnostics S.r.L. owns U.S. provisional application Serial No. 61/016,193 filed on December 21, 2007; and

WHEREAS, Novartis AG wants to acquire the entire right, title and interest in and to Serial No. 61/016,193 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, Novartis Vaccines and Diagnostics S.r.L. does sell, assign, and transfer to Novartis AG, 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 Novartis Vaccines and Diagnostics S.r.L. HEREBY authorizes and requests 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 Novartis Vaccines and Diagnostics S.r.L. HEREBY warrants and covenants that it has full right to convey the entire interest herein assigned and that it has not executed and will not execute any instrument or assignment in conflict herewith;

AND Novartis Vaccines and Diagnostics S.r.L. HEREBY agrees 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.

Novartis Vaccines and Diagnostics S.r.L.

Date: 17th Dec. 2008

By: _____

Printed Name:

Title:

Richard Pitman, PhD
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European Patent Attorney
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