PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Urs BAETTIG	07/27/2009
Anne-Marie D'SOUZA	07/21/2009
Peter HUNT	07/22/2009
Neil John PRESS	07/22/2009
Simon James WATSON	07/21/2009

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:	13165060

CORRESPONDENCE DATA

Fax Number: (617)871-3392

Email: pip_inbox.phchbs@novartis.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Katherine Kantorski

Address Line 1: Novartis Institutes for BioMedical Resea

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ATTORNEY DOCKET NUMBER:	PAT052788-US-CNT
NAME OF SUBMITTER:	Katherine Kantorski

PATENT

REEL: 026928 FRAME: 0199

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Total Attachments: 6

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Patent Case PAT052788

ASSIGNMENT

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

Urs BAETTIG	cilizen of Switzerland	Novartis Horsham Research Centre
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		Horsham, West Sussex RH12 5A8
		GB
Anne-Marie D'SOUZA	citizen of United Kingdom	Novariis Horsham Research Centre
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Simon James WATSON	citizen of United Kingdom	Novartis Horsham Research Centre
		Wimblehurst Road
		Horsham, West Sussex RH12 5AB
		GB

do hereby sell, assign and transfer to Novartis AG, a company organized under the laws of the Swiss Confederation, of Lichtstrasse 35, 4056 Basel, Switzerland, (hereinafter referred to as the "ASSIGNEE") and its successors, assigns and legal representatives, all of my right, title and interest for all countries of the world in and to (1) all of my inventions and discoveries described in the patent application(s) titled

ORGANIC COMPOUNDS

and filed in the United States Patent and Trademark Office of	on20	and accor	ded Application
Number* and/or filed in the RO/	on	, 20 and	accorded
International Patent Application Number PCT/	*, (2) the pa	atent applicat	ion(s) identified
in (1), (3) all national stages of any international patent applications in all countries and regions claiming the priority application filed in the United States Patent and Trademark (Application Number 61/161627, and all other patent applications filed priority of the European Procedure, patent applications filed Numbers 08161765.6 (5) for all patent applications, all right patent application identified in (4) in all countries and regions of Industrial Property, the Inter-American Convention relating Models and all other international agreements to which the Lisignatory and, if the United States patent application identified under 35 USC 119(e) (including the right to file patent applications and divided the file countries and regions), (6) all continuations and divided the file of the states and regions), (6) all continuations and divided the file of the	cation identified in (of the provisional or Office on March 19 ions in all countries on August 04, 200 is of priority based to include the Paris Co in to Inventions, Pate Inited States now is id in (4) is a provision ations on said inventions and in	1), (4) all other non-provision, 2009 and a and regions upon the United provention for ents, Designs or hereafter onal patent apations and dispaced anced	er patent chal patent accorded claiming the ded Application ed States the Protection , and Industrial becomes a optication, coveries in the with applicable

international patent application designating the United States identified in (1), any national stages of any international application identified in (1) and any patent applications within the scope of (4) (including further continuations and divisions such as, but not limited to, continuations of continuations and continuations of divisions), ((2)-(4) and (6) hereinafter referred to collectively as "patent applications"), (7) all patents that are granted on any of said patent applications, (8) all registrations and confirmations of, and importation certificates based upon, one or more of said patents and applications for such registrations, confirmations and importation certificates and (9) all reissues, renewals and extensions of said patents, registrations, confirmations and importation certificates, reexamination certificates issued for said patents and supplementary protection certificates based upon said patents and applications for such reissues, renewals, extensions, reexamination certificates and supplementary protection certificates, the same to be held and enjoyed by said ASSIGNEE and their successors, assigns and legal representatives to the full ends of the terms for which said patents, registrations, confirmations, importation certificates, reexamination certificates, supplementary protection certificates, reissues, renewals and extensions 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 Assignment the filing date(s) and Application Number(s) of said patent application(s) when notified thereof.

And we hereby covenant and agree that we 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 _	47.	_ day of _	Guly	, 20 <u>/2</u> 9
lles	Bul	llee	***************************************	1.8
Urs Baettig		V V		21,4%
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AMKDIS ON	ua.			L.S.
Anne-Marie D'So	ouze		***************************************	mag mager (

	Page 3
Executed this 22 day of July	20//31
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Simon James Watson	L.O.

ACCEPTANCE OF ASSIGNMENT

With reference to the Assignment to NOVARTIS AG of an invention entitled "ORGANIC COMPOUNDS" signed by Urs Baettig, Anne-Marie D'Souza, Peter Hunt, Neil John Press, and Simon James Watson; this will certify that NOVARTIS AG accepts such Assignment.

	NOVARTIS AG		
Ву:	L. Rubehm		
Name :	Ella Rutschmann	Sabine Zeller	
Function:	Authorized Signatory	Authorized Signatory	
Date:	<u> 31.67 2009 </u>		

Attestation

I, the undersigned, Civil Law Notary of Basel, Switzerland, Dr. Matthias Staehelin, certify herewith that the signatures attached heretofore are the genuine signatures of Mr. Urs Baettig, citizen of Emmen/LU, Swirtzerland, born on 3rd (third) November 1964 (nineteen hundred sixty four), with business address in Horsham, West Sussex, Great Britain; of Ms. Anne-Marle D'Souza, citizen of United Kingdom, born on 9th (ninth) October 1982 (nineteen hundred eighty two), with business address in Horsham, West Sussex, Great Britain; of Mr. Peter Hunt, citizen of United Kingdom, born on 8th (eighth) August 1965 (nineteen hundred sixty five), with business address in Horsham, West Sussex, Great Britain; of Mr. Neil John Press, citizen of United Kingdom, born on 27th (twenty-seventh) June 1969 (nineteen hundred sixty nine), with business address in Horsham, West Sussex, Great Britain; and of Mr. Simon James Watson, citizen of United Kingdom, born on 18th (eighteenth) January 1975 (nineteen hundred seventy five), with business address in Horsham, West Sussex, Great Britain.

Further I certify herewith that the above signatures are the genuine signatures of Ms. Elia Rutschmann, citizen of Lotzwil/BE, Switzerland, residing in Basel/BS, Switzerland; and of Ms. Sabme Zeller, citizen of Ormalingen/BL, Switzerland, residing in Gelterkinden/BL, Switzerland, both acting for Novartis AG, in Basel, Switzerland, both as proxy holders, both with joint signature.

The authenticity of the signatures was established by means of comparison.

BASEL Switz rland, this 10th (tenth) day of August 2009 (two thousand and nine)

H. Marcher, Noter

Dr. M. Staehelin Notar

Leg.Prot.Nr. 4/196 /2009

FOR CERTIFIED COPY

I, the undersigned Civil Law Notary in Basel, Switzerland, Dr. Matthias Staehelin, hereby certify that the document attached heretofore is a true and authentic photocopy of the original.

BASEL, Switzerland, this 10th (tenth) day of August 2009 (two thousand and nine)

M- Nadac Note

⁻- M. Staehelin

Leg.Prot.Nr. 원양 /2007

PATENT REEL: 026928 FRAME: 0206

RECORDED: 09/19/2011