## 502377648 06/10/2013

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Gerald David ARTMAN III	11/04/2009
Jason Matthew ELLIOTT	11/05/2009
Nan JI	11/04/2009
Donglei LIU	11/06/2009
Fupeng MA	11/04/2009
Nello MAINOLFI	11/05/2009
Erik MEREDITH	11/06/2009
Karl MIRANDA	11/24/2009
James J. POWERS	11/06/2009
Chang RAO	11/04/2009

## **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
Applic	cation Number:	13613034

## **CORRESPONDENCE DATA**

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Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: susan.dillon@novartis.com

Correspondent Name: Novartis - NIBR

Address Line 1: 220 Massachusetts Avenue

**PATENT** 

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ATTORNEY DOCKET NUMBER: PAT053170-US-CNT03		
NAME OF SUBMITTER:	Susan M. Dillon	
Signature: / Susan M. Dillon /		
Date: 06/10/2013		
Total Attachments: 11 source=PAT053170_executed_assignments	*page2.tif *page3.tif *page4.tif *page5.tif *page6.tif *page6.tif *page7.tif *page8.tif *page8.tif *page9.tif	

## **ASSIGNMENT**

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

Gerald David ARTMAN III	citizen of United States of America	Novertis Institutes for BioMedical Research, Inc.
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Jason Matthew ELLIOTT	citizen of United Kingdom	Novartis Institutes for BioMedical Research, Inc.
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	citizen of United States of America	Novertis Institutes for BioMedical Research, Inc.
		400 Technology Square
		Cambridge, MA 02139
		us

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

## Pyridyloxyindoles Inhibitors of VEGF-R2 and Use Thereof for Treatment of Disease

and filed in the United S	tates Patent and Trademark Office	on, 20	and accorded Application
Number	* and/or filed in the RO/	on	, 20 and accorded
International Patent App	lication Number PCT/	*, (2) the pate	ent application(s) identified
in (1), (3) all national sta	ges of any international patent app	dication identified in (1)	, (4) all other patent
applications in all countr	ies and regions claiming the priorit	y of the provisional or r	ion-provisional patent
application filed in the U	nited States Patent and Trademark	Office on 09 Decemb	er 2008 and 12 August
2009 and accorded App	lications Number 61/201,243 and h	lumber <u>61/233,341</u> , (5)	) for all patent applications,
all rights of priority base	d upon the United States patent ap	plication identified in (4	i) in all countries and
regions under the Paris	Convention for the Protection of In-	dustrial Property, the In	ter-American Convention
relating to Inventions, Pa	atents, Designs, and Industrial Moc	lels and all other intern	ational agreements to
which the United States	now is or hereafter becomes a sign	natory and, if the United	d States patent application
identified in (4) is a provi	isional patent application, under 35	USC 119(e) (including	the right to file patent
	entions and discoveries in the name		
	and in accordance with applicable		The service of the se
	ons of any United States patent app		
	itates identified in (1), any national		
,	plications within the scope of (4) (ir	÷	
	ntinuations of continuations and co		
	ollectively as "patent applications").		
	all registrations and confirmations of		
	d applications for such registrations		
	s and extensions of said patents, re		
	on certificates issued for said pater		
	and applications for such reissue		
	entary protection certificates, the s		T. T. T.
	signs and legal representatives to		
and the second s	ons, importation certificates, reexar		
	newals and extensions may be gra		
. nave been neid and enk	yed by us if this sale, assignment.	ano transter neo not de	en 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.

Gerald David ARTMAN III

ACKNOWLEDGEMENT

State of Manachusetty

) s.s.:

County of Huddlesex

On this Affr day of Name to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) (Seal)

Jessica N. Yao Notary Public Commonwealth of Massachusetts My Commission Expires May 19, 2011

Executed this 5th day of Novumbur 20 09

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Jason Matt	hew ELLIOTT	L.S.			
ACKNOWI	EDGEMENT				
State of ///	assachwetts	}			
County of	asachuuttr Anddonx	) 8.8.:			
in and who	day of <u>Nave.</u>   <u>Ellicht</u>   executed the foregoir    for the purpose set	to me kno ng Assignment and a	own and known by	before me me to be the same per (s)he executed the san	son described ne of his (her)
(Seal)				00.0	
			-5	Notary Public	<u> </u>
Executed th	is 4th day of	November, 20	9	Notary Public Notary Public Companyealth of Mass My Commission Ex May 19, 2011	o Cochusens pires
Nan Ji	~ Jr_	L.S.			
ACKNOWL	EDGEMENT				
State of 1	usadusettz uddless	<b>)</b>			
County of //	veddlesse.	) s.s.: )			
On this	4	g Assignment and a	wn and known by n	pefore me ne to be the same pers s)he executed the sam	on described e of his (her)
(Seal)			0	$\triangle n I \triangle$	
			Ju	Notary Public	***************************************
			U	Gesics N. You Note: y Public Communicity of Musics	husoita
				My Commission Expli May 19, 2011	res

Page 5
Executed this 6 day of November 2009
Donglei Liu
ACKNOWLEDGEMENT
State of Mauachusetts )
State of Manachusetts )  County of Middlesex )
On this OF day of Norwest , 200, personally appeared before me to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.
(Seal)
Notary Public Notary Public Jessica N. Ysso
Notory Public Commonwealth of Massachusetts Ny Commonwealth of Mas
Typy Ma LS.
ACKNOWLEDGEMENT
State of Manuel Warth )
) s.s.: County of Waddlesex )
On this 4th day of Nineway, 20 00, personally appeared before me  TURNE MA. to me known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.
(Seal)  January Flublic

Page 6
Executed this 5 day of NOVERBER , 2009
Nello MAINOLFI LS.
ACKNOWLEDGEMENT *
State of <u>Massachusetts</u> ) ) s.s.: County or <u>fruitablesee</u> )
County or madelles (
On this 5th day of flowed 2061 personally appeared before me  NULL HUB FOR THE TO ME known and known by me to be the same person described in and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his (her) own free will for the purpose set forth.
(Seal)
Executed this
El Merelth L.S. Erik MEREDITH
ACKNOWLEDGEMENT
State of <u>Mayachuuttu</u> ) )s.s.:
County of 174dalesta )
On this
(Seal)  Notary Public  Jessica N. You Notary Public  Commonwealth of Massachuseits My Commission Expires
Moy 19, 2011

Page 7
Executed this 24 <sup>77</sup> day of <u>November 200</u> 9
Karl MIRANDA L.S.
ACKNOWLEDGEMENT
Province ( CANADA ) s.s.:  Province ( CANADA ) s.s.:
On this
(Seal) Notary Public
Executed this 6 day of Moreon Lon 2009
James J. POWERS  ACKNOWLEDGEMENT
State of Manachuse tels )  State of Manachuse tels )  County of Males ( )
On this day of
(Seal)  Notary Public  Jessico N. You Notary Public Consucerwooth of Massochuselts My Commission Expires
My Commission Expires May 19, 2011

PATENT

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Executed this 04 day of 11,2009	
Chanz Rao LS.	
Chang RAO	
ACKNOWLEDGEMENT	
State of TANAMURAL )  County or WADULE )  On this 4th day of Abventes 2064 personally appeared before me  Chane Lao to me known and known by me to be the same person design and who executed the foregoing Assignment and acknowledged that (s)he executed the same of his own free will for the purpose set forth.	scribed s (her)
(Seal)  Notary Public Jacobs N. Ye Notary Public Commonwealth on B My Commission B My Commission B My 207 19, 207	

# ACCEPTANCE OF ASSIGNMENT

With reference to the Assignment to NOVARTIS AG of an invention entitled "Pyridyloxyindoles Inhibitors of VEGF-R2 and Use Thereof for Treatment of Disease" signed by Gerald David ARTMANN III, Jason Matthew ELLIOTT, Nan JI, Donglei LIU, Fupeng MA, Nello MAINOLFI, Erik MEREDITH, Karl MIRANDA, James J. POWERS and Chang RAO; this will certify that NOVARTIS AG accepts such Assignment.

**NOVARTIS AG** 

Ву:

Name: SAGNE CELLER

Function: AND AROFESSINAZ

Date:

KETO AMBEISEN

A)M. MORESICIAL

PATENT

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#### Attestation

I, the undersigned Civil Law Notary in Basel, Switzerland, Dr. Matthias Staehelin, certify herewith that the signatures attached heretofore are the genuine signatures of Ms. Sabine Zeller, citizen of Ormalingen/BL, Switzerland, residing in Gelterkinden/BL, Switzerland; and of Mr. Reto Halbeisen, citizen of Wahlen/BL, Switzerland, residing in Laufen/BL, Switzerland; both acting for Novartis AG, in Basel, Switzerland, both as proxy tholders, both with joint signature.

the puthenticity of the signatures was established by means of comparison.

BASEL, Kwitzerland, this 9th (ninth) day of December 2009 (two thousand and nine)

H\_ Steelary Notes

Dr. M. Staehelin Notar

Leg.Prot.Nr.3/85 /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.

BYSEL, Switzerland, this 9th (ninth) day of December 2009 (two thousand and nine)

M. Shaelar, Mer

Dr. M. Staehelin Now

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**RECORDED: 06/10/2013**