PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Boerk Balkan	01/12/2007
David Grenville Holmes	11/21/2006
Thomas Edward Hughes	12/21/2006
Edwin Bernard Villhauer	12/14/2006

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:	12067314

CORRESPONDENCE DATA

Fax Number: (973)781-8064 **Phone**: 862-778-7948

Email: monika.van_houten@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: Novartis Pharmaceuticals Corporation

Address Line 1: One Health Plaza
Address Line 2: Bldg. 101

Address Line 4: East Hanover, NEW JERSEY 07936-1080

ATTORNEY DOCKET NUMBER: 34525-US-PCT

NAME OF SUBMITTER: Monika Van Houten

PATENT

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Total Attachments: 17 source=34525-US-Assignment#page1.tif source=34525-US-Assignment#page2.tif source=34525-US-Assignment#page3.tif source=34525-US-Assignment#page4.tif source=34525-US-Assignment#page5.tif source=34525-US-Assignment#page6.tif source=34525-US-Assignment#page7.tif source=34525-US-Assignment#page8.tif source=34525-US-Assignment#page9.tif source=34525-US-Assignment#page10.tif source=34525-US-Assignment#page11.tif source=34525-US-Assignment#page12.tif source=34525-US-Assignment#page13.tif source=34525-US-Assignment#page14.tif source=34525-US-Assignment#page15.tif source=34525-US-Assignment#page16.tif source=34525-US-Assignment#page17.tif

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

(1) <u>Börk BALKAN</u>, (2) <u>David Grenville HOLMES</u>, (3) <u>Thomas Edward HUGHES</u>, (4) <u>Edwin</u> Bernard VILLHAUER

respectively residing at

- (1) 20 Northwood Road, Madison, Connecticut 06443, USA
- (2) Holeeholzweg 54, 4102 Binningen, Switzerland
- (3) 89 Wilson Road, Concord, Massachusetts 01742, USA
- (4) 20 Dorothy Drive, Morristown, New Jersey 07960, USA

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USE OF ORGANIC COMPOUNDS

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Patent Case 34525

fully and entirely as the same would have been held and enjoyed by us if this sale, assignment and transfer had not been made.

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And we hereby covenant and agree that we will, at any time, (i) upon the request, but at the expense, of ASSIGNEES 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 ASSIGNEES 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 ASSIGNEES 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 ASSIGNEES or their successors, assigns or legal representatives.

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Patent Case 34525

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NORMA GALLINA NOTARY PUBLIC OF NEW JERSEY My Commission Expires June 27 2010



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	cuted the foregoing	το me κπο Assianment :	wn and known by me to be the sa and acknowledged that (s)he exe	
eal)				
		~	Notary Public	

(Joint)	Page 4		Patent Case 34525
Executed this day of	of, 20	- Anna Carlotte Carlo	
Edwin Bernard	L.S. VILLHAUER		
ACKNOWLEDGEMENT			
State of)) s.s.:)		
On this day of	to me knowr	and known by me to I	in the come name
described in and who executed the of his (her) own free will for the p	ie foregoing Assignment an	d acknowledged that (s	s)he executed the same
(Seal)			
	· · · · · · · · · · · · · · · · · · ·	Notary P	ublic

Attestation

I, the undersigned notary public of Basel, Switzerland, certify herewith the authenticity of the signatures of Mr. David Grenville Holmes, citizen of Binningen, Switzerland, residing in Binningen, Switzerland.

The authenticity of the signatures was established by comparison.

BASEL, Switzerland, this 4th (fourth) day of December 2006 (twothousandandsix) Market Marie

H. Smeler Motor

Dr. M. Staehelin

Leg.Prot.Nr. 666 /2006

PATENT

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RECORDED: 12/13/2011