

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Nathalie Bruneau	07/13/2007
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:	12442544
CORRESPONDENCE DATA	
Fax Number:	(973)781-8064
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	862-778-8462
Email:	linda.adams@novartis.com
Correspondent Name:	Linda Adams
Address Line 1:	Novartis Pharmaceuticals Corp.
Address Line 2:	One Health Plaza
Address Line 4:	East Hanover, NEW JERSEY 07936
ATTORNEY DOCKET NUMBER:	50437-US-PCT
NAME OF SUBMITTER:	Linda Adams
Total Attachments: 4 source=50437_assignment#page1.tif source=50437_assignment#page2.tif source=50437_assignment#page3.tif source=50437_assignment#page4.tif	

CH \$40.00 12442544

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PATENT
REEL: 023863 FRAME: 0605



ASSIGNMENT

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

Nathalie BRUNEAU	citizen of France	Appt. 111 - Bât. 1 Les Reflets du Thiou 74 900 74490 Cran-Gevrier France
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ND July 13, 2007

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, and its successors, assigns and legal representatives, all our right, title and interest for all countries of the world except Austria and to **Novartis Pharma GmbH**, a company organized under the laws of Austria, of Brunner Strasse 59, 1230 Vienna, Austria, and its successors, assigns and legal representatives, all our right, title and interest for Austria (Novartis AG and Novartis Pharma GmbH hereinafter referred to collectively as the "**ASSIGNEES**") in and to (1) all of our inventions and discoveries described in the patent application(s) entitled

Pharmaceutical Compositions

filed* in the RO/EP on 25/09, 2007, and accorded International Patent Application Number PCT/EP07/06065 (2) said patent application(s), (3) (3) all national stages of said international patent application, (4) all other patent applications in all countries and regions claiming the priority of the European patent application filed on September 27, 2006 and accorded Application Number 06121371.6, (5) all continuations and divisions of all of said patent applications (including further continuations and divisions such as, but not limited to, continuations of continuations and continuations of divisions), ((2)-(5) hereinafter referred to collectively as "patent applications"), (6) all patents that are granted on any of said patent applications, (7) all registrations and confirmations of, and importation certificates based on, one or more of said patents and (8) all reissues, renewals and extensions of said patents, reexamination certificates issued for said patents and supplementary protection certificates based on said patents (including the right to file patent applications on said inventions and discoveries in the names of **ASSIGNEES**, their designees or in any or all of our names, at their election and in accordance with applicable law in all countries and regions and all rights of priority in all countries and regions for all of said patent applications under the International Convention for the Protection of Industrial Property, and all other applicable similar international agreements), the same to be held and enjoyed by said **ASSIGNEES**, their successors, assigns and legal representatives, to the full ends of the terms for which all patents therefor 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 **ASSIGNEES** and their representatives to insert in this instrument the Application Number and the filing date of said patent application when notified thereof.

And we hereby covenant and agree that we will, at any time, upon the request and at the expense of **ASSIGNEES**, 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 and supplementary protection certificates in **ASSIGNEES**, their successors, assigns or other 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, that we will, at any time, upon the request and at the expense of **ASSIGNEES**, execute all additional patent applications, applications for registration and/or confirmation of one or more of said patents, applications for certificates of importation based on one or more of said patents, applications for reissues, renewals and extensions of one or more of said patents and supplemental protection certificates based upon one or more of said patents, and that we will 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**, the successors, assigns or other legal representatives.

Executed this 13th day of July, 2012.

Bruneau L.S.
Name: Nathalie BRUNEAU

ACKNOWLEDGEMENT

State of _____)

) s.s.:

County of _____)

On this _____ day of _____, 20____, personally appeared before me _____, known to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.


(Seal)

Notary Public

ACCEPTANCE OF ASSIGNMENT

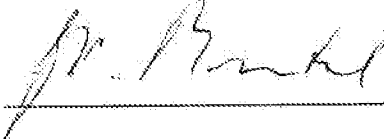
With reference to the Assignment to **NOVARTIS AG** of an invention entitled "Pharmaceutical Compositions" signed by Nathalie BRUNEAU, this will certify that **NOVARTIS AG** accepts such Assignment.

NOVARTIS AG

By: 

Name: Rolo Halbeisen

Function: Administrative Expert PS



June Violet Mentel

Administrative Professional PS

Date: 23.07.07

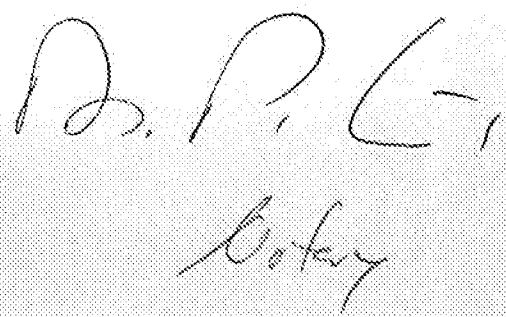
Attestation

I, the undersigned notary public of Basel, Switzerland, certify herewith the authenticity of the signatures of **Ms. Nathalie Bruneau**, French citizen, residing in Cran-Gevrier, France.

I further certify that the above signatures are the genuine signatures of **Mrs. June Violet Mentel**, citizen of Grenchen/SO, Switzerland, residing in Arlesheim, Switzerland, and of **Mr. Reto Halbeisen**, citizen of Wahlen/BL, Switzerland, residing in Laufen, 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 comparison.

BASEL, Switzerland, this 26th (twenty-sixth) day of July 2007 (twothousandandseven)



The image shows a handwritten signature in cursive script, which appears to be 'D. P. L.' followed by a surname that is partially obscured or illegible.



The notary seal is circular and contains the text 'Leg. Prot. Nr. 806 /2007'. A signature is written over the seal.

Leg. Prot. Nr. 806 /2007