

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Marilyn De La Cruz</td> <td>04/15/2010</td> </tr> <tr> <td>Piotr H. Karpinski</td> <td>02/18/2010</td> </tr> <tr> <td>Yugang Liu</td> <td>05/15/2010</td> </tr> </tbody> </table>		Name	Execution Date	Marilyn De La Cruz	04/15/2010	Piotr H. Karpinski	02/18/2010	Yugang Liu	05/15/2010
Name	Execution Date								
Marilyn De La Cruz	04/15/2010								
Piotr H. Karpinski	02/18/2010								
Yugang Liu	05/15/2010								
<b>RECEIVING PARTY DATA</b>									
Name:	Novartis AG								
Street Address:	Lichtstrasse 35								
City:	Basel								
State/Country:	SWITZERLAND								
Postal Code:	4056								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13140490</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13140490				
Property Type	Number								
Application Number:	13140490								
<b>CORRESPONDENCE DATA</b>									
Fax Number:	(973)781-8064								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	862-778-3785								
Email:	denise.cooper@novartis.com								
Correspondent Name:	Karen DeBenedictis								
Address Line 1:	Novartis Pharmaceuticals Corporation								
Address Line 2:	One Health Plaza, Bldg 101								
Address Line 4:	East Hanover, NEW JERSEY 07936								
ATTORNEY DOCKET NUMBER:	PAT053192-US-PCT								
NAME OF SUBMITTER:	Denise Cooper								
<b>Total Attachments: 4</b> source=53192_Assignment#page1.tif source=53192_Assignment#page2.tif source=53192_Assignment#page3.tif source=53192_Assignment#page4.tif									

**CH \$40.00 13140490**



(joint)

Patent Case PAT053192

### ASSIGNMENT

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

(1) Marilyn De La Cruz, (2) Piotr H. Karpinski, (3) Yugang Liu, (respectively residing at

(1) c/o Novartis, One Health Plaza, East Hanover, New Jersey 07936 USA

(2) c/o Novartis, One Health Plaza, East Hanover, New Jersey 07936 USA

(3) c/o Novartis, One Health Plaza, East Hanover, New Jersey 07936 USA

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

NEW SALTS

and filed in the United States Patent and Trademark Office on \_\_\_\_\_, 20\_\_ and accorded Application Number \_\_\_\_\_\* and/or filed in the RO/US on 17 December 2009 and accorded International Patent Application Number PCT/US09/68352\*, (2) the patent application(s) identified in (1), (3) all national stages of any international patent application identified in (1), (4) all other patent applications in all countries and regions claiming the priority of the provisional or non-provisional patent application filed in the United States Patent and Trademark Office on 18 December 2008 and accorded Application Number 61/203,051, (5) for all patent applications, all rights of priority based upon the United States patent application identified in (4) in all countries and regions under the Paris Convention for the Protection of Industrial Property, the Inter-American Convention relating to Inventions, Patents, Designs, and Industrial Models and all other international agreements to which the United States now is or hereafter becomes a signatory and, if the United States patent application identified in (4) is a provisional patent application, under 35 USC 119(e) (including the right to file patent applications on said inventions and discoveries in the names of ASSIGNEE or their designees or in our names, at their election and in accordance with applicable law in all countries and regions), (6) all continuations and divisions of any United States patent application or 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 15 day of April, 2010

Marilyn De La Cruz L.S.  
Marilyn De La Cruz

**ACKNOWLEDGEMENT**

State of New Jersey )  
) s.s.:  
County of Morris )

On this 15 day of April, 2010 personally appeared before me Marilyn De La Cruz 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)

Kelly Ann Stritenberger  
Notary Public

**KELLY ANN STRITENBERGER**  
A Notary Public of New Jersey  
My Commission Expires January 26, 2011

Executed this 18 day of February, 2010

[Signature] L.S.  
Piotr H. Karpinski

**ACKNOWLEDGEMENT**

State of New Jersey )  
  ) s.s.:  
County of Morris )

On this 18 day of February, 2010 personally appeared before me Piotr Karpinski 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)

[Signature]  
Notary Public  
**KELLY ANN STRITENBERGER**  
A Notary Public of New Jersey  
My Commission Expires January 26, 2012

Executed this 15<sup>th</sup> day of April, 2010

[Signature] L.S.  
Yugang Liu

**ACKNOWLEDGEMENT**

State of New Jersey )  
  ) s.s.:  
County of Morris )

On this 15 day of April, 2010 personally appeared before me Yugang Liu 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)

[Signature]  
Notary Public  
**KELLY ANN STRITENBERGER**  
A Notary Public of New Jersey  
My Commission Expires January 26, 2012

**FOR CERTIFIED COPY**

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

Basel, Switzerland, this 25<sup>th</sup> (twenty-fifth) day of May 2011 (two thousand and eleven)

M. Staehlin, Notar

Dr. M. Staehlin  
Notar

Leg.Prot.Nr. 1257 /2011