

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ian Bruce</td> <td>02/26/2009</td> </tr> <tr> <td>Emma Budd</td> <td>02/26/2009</td> </tr> <tr> <td>Lee Edwards</td> <td>02/26/2009</td> </tr> <tr> <td>Catherine Howsham</td> <td>02/26/2009</td> </tr> </tbody> </table>		Name	Execution Date	Ian Bruce	02/26/2009	Emma Budd	02/26/2009	Lee Edwards	02/26/2009	Catherine Howsham	02/26/2009
Name	Execution Date										
Ian Bruce	02/26/2009										
Emma Budd	02/26/2009										
Lee Edwards	02/26/2009										
Catherine Howsham	02/26/2009										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Novartis AG</td> </tr> <tr> <td>Street Address:</td> <td>Lichtstrasse 35</td> </tr> <tr> <td>City:</td> <td>Basel</td> </tr> <tr> <td>State/Country:</td> <td>SWITZERLAND</td> </tr> <tr> <td>Postal Code:</td> <td>4056</td> </tr> </table>		Name:	Novartis AG	Street Address:	Lichtstrasse 35	City:	Basel	State/Country:	SWITZERLAND	Postal Code:	4056
Name:	Novartis AG										
Street Address:	Lichtstrasse 35										
City:	Basel										
State/Country:	SWITZERLAND										
Postal Code:	4056										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12380901</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12380901						
Property Type	Number										
Application Number:	12380901										
CORRESPONDENCE DATA											
<p>Fax Number: (617)871-3392 Phone: (510) 923-2707 Email: lisa.nash@novartis.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Novartis Institutes for BioMedical Res Address Line 1: 220 Massachusetts Avenue, 2nd Floor Address Line 2: NIBR Patents Address Line 4: Cambridge, MASSACHUSETTS 02139</p>											
ATTORNEY DOCKET NUMBER:	PAT052602-US-NP										
NAME OF SUBMITTER:	Lisa Nash										
Total Attachments: 3 source=Assign52602#page1.tif source=Assign52602#page2.tif source=Assign52602#page3.tif											

CH \$40.00 12380901

ASSIGNMENT

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

Ian BRUCE	citizen of United Kingdom	Novartis Horsham Research Centre Wimblehurst Road Horsham, West Sussex, RH12 5AB GB
Emma BUDD	citizen of United Kingdom	Novartis Horsham Research Centre Wimblehurst Road Horsham, West Sussex, RH12 5AB GB
Lee EDWARDS	citizen of United Kingdom	Novartis Horsham Research Centre Wimblehurst Road Horsham, West Sussex RH12 5AB GB
Catherine HOWSHAM	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, and its successors, assigns and legal representatives, all our right, title and interest for all countries of the world (Novartis AG hereinafter referred to as the "**ASSIGNEE**") in and to (1) all of our inventions and discoveries described in the patent application(s) entitled

ORGANIC COMPOUNDS

filed* in the RO/ _____ on _____, 20____, and accorded International Patent Application Number PCT _____, (2) said patent application(s), (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 Procedure, patent application filed on March 19, 2008 and accorded Application Number 08153045.3 (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 **ASSIGNEE**, 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 **ASSIGNEE**, 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 **ASSIGNEE** 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 **ASSIGNEE**, 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 **ASSIGNEE**, 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 **ASSIGNEE**, 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 **ASSIGNEE**, the successors, assigns or other legal representatives.

Executed this 26 day of February, 2009.

Ian Bruce L.S.
Ian BRUCE

Executed this 26 day of February, 2009.

Emma Budd L.S.
Emma BUDD

Executed this 26 day of FEBRUARY, 2009.

Lee Edwards L.S.
Lee EDWARDS

Executed this 26 day of February, 2009.

Catherine Howsham L.S.
Catherine HOWSHAM

ACCEPTANCE OF ASSIGNMENT

With reference to the Assignment to **NOVARTIS AG** of an invention entitled "**ORGANIC COMPOUNDS**" signed by **Ian BRUCE, Emma BUDD, Lee Edwards and Catherine HOWSHAM**; this will certify that **NOVARTIS AG** accepts such Assignment.

NOVARTIS AG

By :



Name :

Ella Rutschmann

Reto Halbeisen

Function :

Authorized Signatures

Date:

03.03.2009