

## PATENT ASSIGNMENT

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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>Miao Dai</td><td>10/19/2010</td></tr> <tr><td>Xingnian Fu</td><td>10/19/2010</td></tr> <tr><td>Feng He</td><td>10/19/2010</td></tr> <tr><td>Lei Jiang</td><td>10/19/2010</td></tr> <tr><td>Yue Li</td><td>10/19/2010</td></tr> <tr><td>Fang Liang</td><td>10/19/2010</td></tr> <tr><td>Lei Liu</td><td>10/19/2010</td></tr> <tr><td>Yuan Mi</td><td>10/19/2010</td></tr> <tr><td>Yao-chang Xu</td><td>10/19/2010</td></tr> <tr><td>Guoliang Xun</td><td>10/19/2010</td></tr> <tr><td>Xiaoxia Yan</td><td>10/19/2010</td></tr> <tr><td>Zhengtian Yu</td><td>10/19/2010</td></tr> <tr><td>Ji Yue Zhang</td><td>10/19/2010</td></tr> </tbody> </table>		Name	Execution Date	Miao Dai	10/19/2010	Xingnian Fu	10/19/2010	Feng He	10/19/2010	Lei Jiang	10/19/2010	Yue Li	10/19/2010	Fang Liang	10/19/2010	Lei Liu	10/19/2010	Yuan Mi	10/19/2010	Yao-chang Xu	10/19/2010	Guoliang Xun	10/19/2010	Xiaoxia Yan	10/19/2010	Zhengtian Yu	10/19/2010	Ji Yue Zhang	10/19/2010
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<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>13567386</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13567386																								
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<b>CORRESPONDENCE DATA</b>																													
Fax Number:	6178713392																												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																													
Phone:	6178714027																												

CH \$40.00 13567386

Email: pip\_inbox.phchbs@novartis.com  
Correspondent Name: Nicholas Landry  
Address Line 1: 220 Massachusetts Ave.  
Address Line 4: Cambridge, MASSACHUSETTS 02139

ATTORNEY DOCKET NUMBER:

PAT053679-US-DIV

NAME OF SUBMITTER:

Nicholas J. Landry

**Total Attachments: 12**

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# 公 证 书

中华人民共和国上海市东方公证处

ASSIGNMENT

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

Miao DAI	citizen of China	China Novartis Institutes for BioMedical Research Co., Ltd. No. 8 Building Lane 898 Halei Road Zhangjiang Hi-Tech Park, Pudong New Area Shanghai 201203 CN
Xingnian FU	citizen of China	China Novartis Institutes for BioMedical Research Co., Ltd. No. 8 Building Lane 898 Halei Road Zhangjiang Hi-Tech Park, Pudong New Area Shanghai 201203 CN
Feng HE	citizen of China	China Novartis Institutes for BioMedical Research Co., Ltd. No. 8 Building Lane 898 Halei Road Zhangjiang Hi-Tech Park, Pudong New Area Shanghai 201203 CN
Lei JIANG	citizen of United States of America	China Novartis Institutes for BioMedical Research Co., Ltd. No. 8 Building Lane 898 Halei Road Zhangjiang Hi-Tech Park, Pudong New Area Shanghai 201203 CN
Yue LI	citizen of China	China Novartis Institutes for BioMedical Research Co., Ltd. No. 8 Building Lane 898 Halei Road Zhangjiang Hi-Tech Park, Pudong New Area Shanghai 201203 CN

Fang LIANG	citizen of China	China Novartis Institutes for BioMedical Research Co., Ltd. No. 8 Building Lane 898 Halei Road Zhangjiang Hi-Tech Park, Pudong New Area Shanghai 201203 CN
Lei LIU	citizen of China	China Novartis Institutes for BioMedical Research Co., Ltd. No. 8 Building Lane 898 Halei Road Zhangjiang Hi-Tech Park, Pudong New Area Shanghai 201203 CN
Yuan MI	citizen of China	China Novartis Institutes for BioMedical Research Co., Ltd. No. 8 Building Lane 898 Halei Road Zhangjiang Hi-Tech Park, Pudong New Area Shanghai 201203 CN
Yao-chang XU	citizen of United States of America	China Novartis Institutes for BioMedical Research Co., Ltd. No. 8 Building Lane 898 Halei Road Zhangjiang Hi-Tech Park, Pudong New Area Shanghai 201203 CN
Guoliang XUN	citizen of China	China Novartis Institutes for BioMedical Research Co., Ltd. No. 8 Building Lane 898 Halei Road Zhangjiang Hi-Tech Park, Pudong New Area Shanghai 201203 CN

Xiaoxia YAN	citizen of China	China Novartis Institutes for BioMedical Research Co., Ltd. No. 8 Building Lane 898 Habei Road Zhangjiang Hi-Tech Park, Pudong New Area Shanghai 201203 CN
Zhenglian YU	citizen of United States of America	China Novartis Institutes for BioMedical Research Co., Ltd. No. 8 Building Lane 898 Habei Road Zhangjiang Hi-Tech Park, Pudong New Area Shanghai 201203 CN
Ji Yue ZHANG	citizen of United States of America	China Novartis Institutes for BioMedical Research Co., Ltd. No. 8 Building Lane 898 Habei Road Zhangjiang Hi-Tech Park, Pudong New Area Shanghai 201203 CN

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

#### Heterocyclic Oxime Compounds

and filed in the United States Patent and Trademark Office on \_\_\_\_\_, 20\_\_ and accorded Application Number \_\_\_\_\_\* and/or filed in the RO/ \_\_\_\_\_ on \_\_\_\_\_, 20\_\_ and accorded International Patent Application Number PCT/ \_\_\_\_\_\*, (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 **August 20, 2009** and accorded Application Number **61/235440**, in the **Chinese** Patent Office on **April 21, 2010** and accorded Application Number **PCT/CN10/071978** and on **June 18, 2010** and accorded Application Number **PCT/CN10/074089** (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.

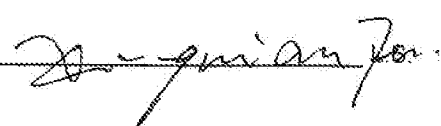
and we hereby covenant and agree that we will, at any time, (i) upon the request, but at the expense, of **ASSIGNEE** or their successors, assigns or legal representatives execute and deliver all documents that may be necessary or desirable to perfect the title to the foregoing inventions and discoveries, 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 19 day of October, 2010

  
\_\_\_\_\_  
Yiao Dai L.S.

Executed this 19 day of 10, 2010

  
\_\_\_\_\_  
Qingnian FU

Executed this 19 day of 10, 2010

Jiang He L.S.  
Jiang He

Executed this 19 day of 10, 2010

Ji Jiang L.S.  
Ji JIANG

Executed this 19 day of 10, 2010

Lue Li L.S.  
Lue Li

Executed this 19 day of 10, 2010

Fang Liang L.S.  
Fang Liang

Executed this 19 day of 10, 2010

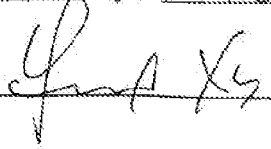
Liu L.S.  
Liu LIU

Executed this 19 day of 10, 2010

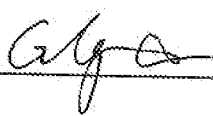
Mi L.S.  
Mi MI



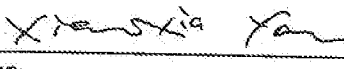
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 L.S.  
Xiao-chang XU

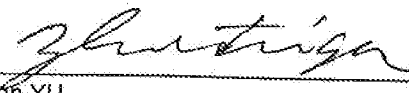
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 L.S.  
Jioliang XUN

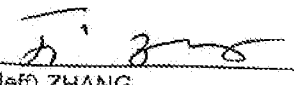
Executed this 19 day of 10, 2010

 L.S.  
Jiaoxia Yan

Executed this 19 day of 10, 2010

 L.S.  
Shenglian YU

Executed this 19 day of 10, 2010

 L.S.  
Yue (Jeff) ZHANG

# 公 证 书

(2010)沪东证外字第 41874 号

兹证明前面的英文文件上，戴淼（女，一九七五年八月十七日出生，中国护照号码：G18102027）、富兴年（男，一九七八年十一月十日出生，中国护照号码：G26330511）、贺峰（男，一九六七年六月十五日出生，中国护照号码：G20288834）、李悦（女，一九七六年七月二十五日出生，中国护照号码：G01421165）、梁芳（女，一九八一年一月二十三日出生，中国护照号码：G45528661）、刘磊（男，一九七六年十一月十八日出生，中国护照号码：G36772853）、米沅（男，一九七一年二月一日出生，中国护照号码：G34664305）、寻国良（男，一九七九年九月十六日出生，中国护照号码：G36349235）、严小霞（女，一九七八年十月十日出生，中国护照号码：G45751015）、JIANG LEI（男，一九七一年六月十四日出生，美国护照号码：438909086）、XU YAO-CHANG（男，一九五六年十一月二十日出生，美国护照号码：402221359）、YU ZHENG TIAN（男，一九六〇年一月二十一日出生，美国护照号码：452008881）、ZHANG JI YUE（男，一九六〇年四月二十四日出生，美国护照号码：422054823）的签名均属实。

中华人民共和国上海市东方公证处

公 证 员

沈宇明

二〇一〇年十月二十一日

公 证 处

PATENT

REEL: 028993 FRAME: 0010

Translation

NOTARIAL CERTIFICATE

(2010)H.D.Z.W.Z. No. 41874

This is to certify that the signatures of DAI Miao (female, born on August 17, 1975, Chinese Passport No. G18102027), FU Xingnian (male, born on November 10, 1978, Chinese Passport No. G26330511), HE Feng (male, born on June 15, 1967, Chinese Passport No. G20288834), LI Yue (female, born on July 25, 1976, Chinese Passport No. G01421165), LIANG Fang (female, born on January 23, 1981, Chinese Passport No. G45528661), LIU Lei (male, born on November 18, 1976, Chinese Passport No. G36772853), MI Yuan (male, born on February 1, 1971, Chinese Passport No. G34664305), XUN Guoliang (male, born on September 16, 1979, Chinese Passport No. G36349235), YAN Xiaoxia (female, born on October 10, 1978, Chinese Passport No. G45751015), JIANG LEI (male, born on June 14, 1971, American Passport No. 438909086), XU YAO-CHANG (male, born on November 20, 1956, American Passport No. 402221359), YU ZHENG TIAN (male, born on January 21, 1960, American Passport No. 452008881), and ZHANG JI YUE (male, born on April 24, 1960, American Passport No. 422054823) affixed to the foregoing document in English are genuine.

SHEN Yuming (Seal)

Notary Public

The People's Republic of China  
Shanghai Oriental Notary Public Office

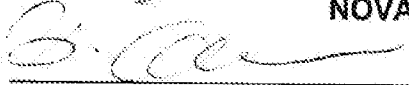
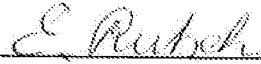
(Seal)

WAZ2294ED Dated: October 21, 2010



ACCEPTANCE OF ASSIGNMENT

With reference to the Assignment to **NOVARTIS AG** of an invention entitled "**Heterocyclic Oxime Compounds**" signed by Miao Dai, Xingnian FU, Feng He, Lei JIANG, Yue Li, Fang Liang, Lei LIU, Yuan Mi, Yao-chang XU, Guoliang XUN, Xiaoxia Yan, Zhenglian YU, and Ji Yue ZHANG; this will certify that **NOVARTIS AG** accepts such Assignment.

	<b>NOVARTIS AG</b>	
By:	 _____	 _____
Name:	<u>Biljana Colovic</u>	<u>Ella Rutschmann</u>
Function:	<u>Authorized Signatory</u>	<u>Authorized Signatory</u>
Date:	<u>October 29, 2010</u>	

**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. Biljana Colovic**, citizen of Serbia, residing in Basel, Switzerland, and **Ms. Ella Rutschmann**, citizen of Lotzwil, Switzerland, residing in Basel, 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 means of comparison.

BASEL, Switzerland, this 29<sup>th</sup> (twenty-ninth) day of October 2010 (two thousand and ten)

*M. Staehelin*  
Dr. M. Staehelin  
Notar

Leg. Prot. Nr. 2295/2010