

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>JOHANNES CORNELIUS HERMANN</td> <td>11/10/2011</td> </tr> <tr> <td>MATTHEW C. LUCAS</td> <td>11/10/2011</td> </tr> <tr> <td>FERNANDO PADILLA</td> <td>11/10/2011</td> </tr> <tr> <td>JUTTA WANNER</td> <td>11/10/2011</td> </tr> </tbody> </table>		Name	Execution Date	JOHANNES CORNELIUS HERMANN	11/10/2011	MATTHEW C. LUCAS	11/10/2011	FERNANDO PADILLA	11/10/2011	JUTTA WANNER	11/10/2011
Name	Execution Date										
JOHANNES CORNELIUS HERMANN	11/10/2011										
MATTHEW C. LUCAS	11/10/2011										
FERNANDO PADILLA	11/10/2011										
JUTTA WANNER	11/10/2011										
RECEIVING PARTY DATA											
Name:	HOFFMANN-LA ROCHE INC.										
Street Address:	340 KINGSLAND STREET										
City:	NUTLEY										
State/Country:	NEW JERSEY										
Postal Code:	07110										
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>13665006</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13665006						
Property Type	Number										
Application Number:	13665006										
CORRESPONDENCE DATA											
Fax Number:	9732352363										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Email:	PAULA.NEE@ROCHE.COM										
Correspondent Name:	GEORGE W. JOHNSTON										
Address Line 1:	340 KINGSLAND STREET										
Address Line 2:	HOFFMANN-LA ROCHE INC.										
Address Line 4:	NUTLEY, NEW JERSEY 07110										
ATTORNEY DOCKET NUMBER:	CASE 30668 US										
NAME OF SUBMITTER:	PAULA NEE										
Total Attachments: 2 source=CASE 30668 US INVS TO HLR (HERMANN)#page1.tif source=CASE 30668 US INVS TO HLR (HERMANN)#page2.tif											

CH \$40.00 13665006

ASSIGNMENT

WHEREAS, WE, Johannes Cornelius Hermann, Matthew C. Lucas, Fernando Padilla and Jutta Wanner, together with Andreas Kuglstatter and Xiaohu Zhang (BioDuro) (Assignors) have invented one or more new and useful inventions, described and claimed in application for United States Patent and identified as **Case Docket No. 30668**, entitled

IMIDAZOPYRIDAZINE COMPOUNDS

WHEREAS, HOFFMANN-LA ROCHE INC., a corporation organized and existing under and by virtue of the laws of the State of New Jersey, and having its principal place of business at Nutley, New Jersey, is desirous of acquiring the entire interest in and to said invention, said application and the Patent to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and set over, and by these presents do hereby sell, assign, and set over unto the said HOFFMANN-LA ROCHE INC. (Assignee), and said Assignee's legal representatives, successors, the entire right, title and interest, for the whole world, in and to said invention and said application, as well as any subsequent application which claims priority based upon the filing date of said application identified as **Case Docket No. 30668** and the patents, both domestic and foreign, that may or shall result therefrom including the right to claim in respect of any subsequent United States and foreign patent applications and patents, the priority date of said application under any United States statute and international convention or treaty; and we do hereby authorize and request the issuance of said patents, domestic and foreign, conformably to the terms of this Agreement.

FOR SAID CONSIDERATION, we also covenant and agree with the said Assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will at any time upon request, without further or additional consideration, but at the expense of the said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining provisional, original, continuation, continuation-in-part, divisional, reissued, re-examined or extended Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, including but not limited to, giving testimony in any proceedings or transactions involving such applications or patents, and executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind and inure to the benefit of the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF we sign as follows:

Date: 11/10/2011

Sign: 
Johannes Cornelius Hermann

In the presence of:

Sign: Bettyann HeDEMUS

Print Name: BETTYANN HEDEMUS

Date: 11/10/2011

Sign: 
Matthew C. Lucas

In the presence of:

Sign: Bettyann HeDEMUS

Print Name: BETTYANN HEDEMUS

Date: NOV/10/2011

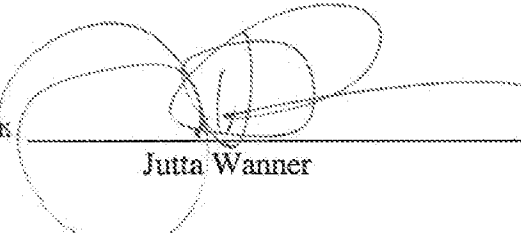
Sign: 
Fernando Padilla

In the presence of:

Sign: Bettyann HeDEMUS

Print Name: BETTYANN HEDEMUS

Date: 11/10/2011

Sign: 
Jutta Wanner

In the presence of:

Sign: Bettyann HeDEMUS

Print Name: BETTYANN HEDEMUS

519574