

## PATENT ASSIGNMENT

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 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>Marc GRUNDL</td> <td>09/25/2012</td> </tr> <tr> <td>Thorsten OOST</td> <td>09/27/2012</td> </tr> <tr> <td>Alexander PAUTSCH</td> <td>10/09/2012</td> </tr> <tr> <td>Stefan PETERS</td> <td>10/16/2012</td> </tr> <tr> <td>Doris RIETHER</td> <td>09/26/2012</td> </tr> <tr> <td>Wolfgang WIENEN</td> <td>10/10/2012</td> </tr> </tbody> </table>		Name	Execution Date	Marc GRUNDL	09/25/2012	Thorsten OOST	09/27/2012	Alexander PAUTSCH	10/09/2012	Stefan PETERS	10/16/2012	Doris RIETHER	09/26/2012	Wolfgang WIENEN	10/10/2012
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Wolfgang WIENEN	10/10/2012														
RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>Boehringer Ingelheim International GmbH</td> </tr> <tr> <td>Street Address:</td> <td>Binger Strasse 173</td> </tr> <tr> <td>City:</td> <td>Ingelheim am Rhein</td> </tr> <tr> <td>State/Country:</td> <td>FEDERAL REPUBLIC GERMANY</td> </tr> </table>		Name:	Boehringer Ingelheim International GmbH	Street Address:	Binger Strasse 173	City:	Ingelheim am Rhein	State/Country:	FEDERAL REPUBLIC GERMANY						
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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>13615781</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13615781										
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CORRESPONDENCE DATA															
<p>Fax Number: 2038375616  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2037989988        Email: pat.farney@boehringer-ingelheim.com</p> <p>Correspondent Name: Boehringer Ingelheim Corporation        Address Line 1: 900 Ridgebury Road        Address Line 2: P. O. Box 368        Address Line 4: Ridgefield, CONNECTICUT 06877</p>															
ATTORNEY DOCKET NUMBER:	01-2750-B														
NAME OF SUBMITTER:	Anthony P. Bottino														

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Total Attachments: 4

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**ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned ("the Assignors"):

<b>Applicant Authority Type::</b>	<b>Inventor</b>
<b>Primary Citizenship Country::</b>	<b>DE</b>
<b>Given Name::</b>	<b>Marc</b>
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<b>Country of residence::</b>	<b>DE</b>

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<b>Family Name::</b>	<b>PAUTSCH</b>
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Applicant Authority Type::	Inventor
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Given Name::	Wolfgang
Family Name::	WIENEN
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City of mailing address::	Ingelheim am Rhein
Country of mailing address::	DE
Postal or Zip Code of mailing address::	55216
City of residence::	Biberach an der Riss
Country of residence::	DE

hereby sell, assign and transfer to Boehringer Ingelheim International GmbH, a corporation of the Federal Republic of Germany, having a place of business at Binger Strasse 173, 55216 Ingelheim am Rhein, Fed. Republic of Germany, its successors, assigns and legal representatives (collectively "the Assignee"), our entire right, title and interest, including all rights of priority, in and to the application for United States Letters Patent which is entitled:

**SUBSTITUTED N- [1-CYANO-2- (PHENYL) ETHYL] -2-AZABICYCLO [2.2.1]  
HEPTANE-3-CARBOXAMIDE INHIBITORS OF CATHEPSIN C**  
(“the Application”)

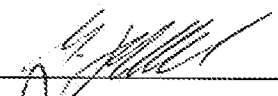


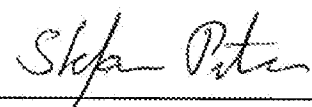

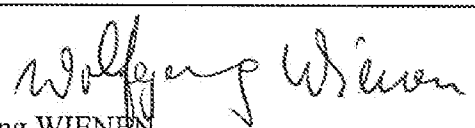
which

- ☐ was executed by the Assignors on
- ☒ was deposited with the United States Patent and Trademark Office on September 14, 2012, and accorded Serial No.: 13/615,781.

and any and all improvements which are disclosed in the Application (“the Improvements”) and all provisional, divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States or any other country on any of the Improvements, and in and to all original and reissued patents which have been or shall be issued in the United States or any other country on the Improvements;

Agree that the Assignee may apply for and receive Letters Patent for the Improvements in its own name or in Assignors’ names, and that, when requested, without charge to but at the expense of the Assignee to carry out in good faith the intent and purpose of this assignment, the Assignors will execute all provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all of the Improvements, execute all rightful oaths, assignments, powers of attorney, and other papers, communicate to the Assignee all facts known to the Assignors relating to the Improvements and the history thereof, participate and assist in any judicial or administrative proceedings concerning the Improvements, and generally do everything possible which the Assignee considers desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title to the Improvements and all applications for patents and all patents on the Improvements in the Assignee; and

Covenant with the Assignee that no assignment, grant, mortgage, license, or other agreement affecting the rights and property in the Improvements herein conveyed has been made to others by the Assignors, and that full right to convey the same as herein expressed is possessed by the Assignors.

SIGNATURE OF APPLICANT	DATE
Marc GRUNDL 	Sept. 25/2012
Thorsten OOST 	Sept 27, 2012
Alexander PAUTSCH 	Oct 03, 2012
Stefan PETERS 	Oct 16, 2012
Doris RIETHER 	9/26/2012
Wolfgang WIENEN 	Oct. 10 <sup>th</sup> /2012