

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | | | | | | | | | |
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| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Henning PRIEPKE</td> <td>10/14/2011</td> </tr> <tr> <td>Henri DOODS</td> <td>11/05/2011</td> </tr> <tr> <td>Raimund KUELZER</td> <td>10/21/2011</td> </tr> <tr> <td>Roland PFAU</td> <td>10/21/2011</td> </tr> <tr> <td>Dirk STENKAMP</td> <td>10/14/2011</td> </tr> <tr> <td>Benjamin PELCMAN</td> <td>11/14/2011</td> </tr> <tr> <td>Robert ROENN</td> <td>10/17/2011</td> </tr> <tr> <td>Dimitrijs LUBRIKS</td> <td>11/09/2011</td> </tr> <tr> <td>Edgars SUNA</td> <td>10/20/2011</td> </tr> </tbody> </table> | | Name | Execution Date | Henning PRIEPKE | 10/14/2011 | Henri DOODS | 11/05/2011 | Raimund KUELZER | 10/21/2011 | Roland PFAU | 10/21/2011 | Dirk STENKAMP | 10/14/2011 | Benjamin PELCMAN | 11/14/2011 | Robert ROENN | 10/17/2011 | Dimitrijs LUBRIKS | 11/09/2011 | Edgars SUNA | 10/20/2011 |
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| Henri DOODS | 11/05/2011 | | | | | | | | | | | | | | | | | | | | |
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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>13211471</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13211471 | | | | | | | | | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | | | | | | | | | |
| Application Number: | 13211471 | | | | | | | | | | | | | | | | | | | | |
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ASSIGNMENT

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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:

New Compounds
 (“the Application”)

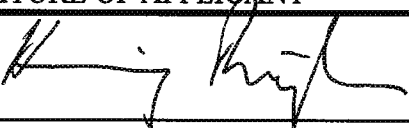
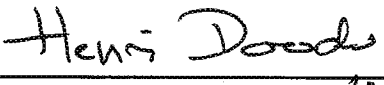
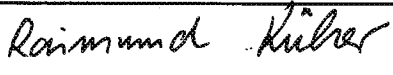
which

- was executed by the Assignors on
- was deposited with the United States Patent and Trademark Office on August 17, 2011, and accorded Serial No.: 13/211,471

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 |
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| Henning PRIEPKE  | October, 14 th , 2011 |
| Henri DOODS  | November, 5 th , 2011 |
| Raimund KUELZER  | October, 21 st , 2011 |

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| Roland PFAU | <i>Roland Pfauf</i> | <i>Oct, 21, 2011</i> |
| Dirk STENKAMP | <i>Dirk Stenkamp</i> | <i>Oct, 14, 2011</i> |
| Benjamin PELCMAN | | |
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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:

New Compounds
("the Application")

which

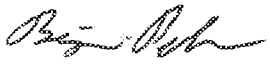



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Agree that the Assignee may apply for and receive Letters Patent for the Improvements in its own name or in Assignors' names, and that, when requested, without charge to but at the expense of the Assignee to carry out in good faith the intent and purpose 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.

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|------------------------|------|
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| Henri DOODS | |
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