

**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>Ulrich Heiser</td> <td>10/19/2009</td> </tr> <tr> <td>Daniel Ramsbeck</td> <td>10/14/2009</td> </tr> <tr> <td>Mirko Buchholz</td> <td>10/14/2009</td> </tr> <tr> <td>Andre Niestroj</td> <td>10/14/2009</td> </tr> </tbody> </table>		Name	Execution Date	Ulrich Heiser	10/19/2009	Daniel Ramsbeck	10/14/2009	Mirko Buchholz	10/14/2009	Andre Niestroj	10/14/2009
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<b>RECEIVING PARTY DATA</b>											
Name:	Probiodrug AG										
Street Address:	Weinbergweg 22										
City:	Halle (Saale)										
State/Country:	GERMANY										
Postal Code:	06120										
<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>11946101</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11946101						
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Application Number:	11946101										
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Fax Number:	(312)876-7934										
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NAME OF SUBMITTER:	Drenda K. Nemeth										
Total Attachments: 2											

OP \$40.00 11946101

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**PATENT  
 REEL: 023580 FRAME: 0076**

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US App Ser No.: 11/946,101  
PBD00049/US  
SNR 20075610-0059  
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### ASSIGNMENT

For good and valuable consideration, the sufficiency of which is hereby acknowledged, each undersigned hereby assigns to: Probiodrug AG, having a principal place of business at Weinbergweg 22, Halle (Saale) D-06120, Germany, its successors and assigns all rights, title and interests in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

#### NOVEL INHIBITORS OF GLUTAMINYL CYCLASE

and identified as:

Serial No.: 11/946,101; Filed: 28 November 2007

and in all rights in said application and any and all other applications related thereto or claiming priority thereto, directly or indirectly, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements thereon, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee all priority rights provided by law, including relevant international conventions and agreements.

The undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue all said United States Letters Patent to said assignee.

The undersigned warrants himself or herself to be the owners of at least a portion of the full right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

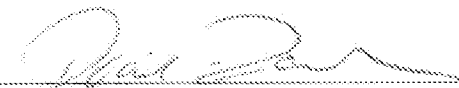
For said consideration each undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agrees, upon the request of said assignees, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts

necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignees, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignees, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

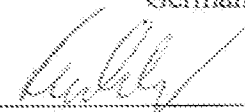
Date: 19.10.2009

  
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