

PATENT ASSIGNMENT COVER SHEET

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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>BERNHARD MUELLER</td> <td>08/22/2013</td> </tr> <tr> <td>ANDREAS POPP</td> <td>08/20/2013</td> </tr> </tbody> </table>		Name	Execution Date	BERNHARD MUELLER	08/22/2013	ANDREAS POPP	08/20/2013
Name	Execution Date						
BERNHARD MUELLER	08/22/2013						
ANDREAS POPP	08/20/2013						
RECEIVING PARTY DATA							
Name:	ABBVIE DEUTSCHLAND GMBH & CO. KG						
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City:	WIESBADEN						
State/Country:	GERMANY						
Postal Code:	65205						
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>13714238</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13714238		
Property Type	Number						
Application Number:	13714238						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	031777-1767-US01						
NAME OF SUBMITTER:	LISA V. MUELLER						
Signature:	/Lisa V. Mueller/						
Date:	11/04/2013						

OP \$40.00 13714238

Total Attachments: 4

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ASSIGNMENT

WHEREAS, Bernhard MUELLER and Andreas POPP, hereinafter called the "Assignors" have made the invention described in the United States patent application entitled "COMPOSITION AND METHOD FOR THE DIAGNOSIS AND TREATMENT OF IRON-RELATED DISORDERS" that has a U.S. Patent Application Number of 13/714,238 filed on December 13, 2012.

WHEREAS, AbbVie Deutschland GmbH & Co. KG, a corporation, having a place of business at Max-Planck-Ring 2a, Wiesbaden, Germany 65205, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and to the patent application identified above, and all patents, foreign and domestic, which may be obtained for said invention, as set forth below.

NOW THEREFORE, in exchange for valuable and legally sufficient consideration, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States and elsewhere in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States and elsewhere; together with the entire right, title and interest in and to said invention and all patent applications, patents, utility models and designs therefore in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications, patents, utility models and designs defined above; to have and to hold for sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and Assignors' legal representative, that Assignors have the full right to convey the interest assigned by this Assignment; and that the Assignors will assist the Assignee in the prosecution of the patent applications identified above, in the making and prosecution of any other applications that the Assignee may elect to make covering the invention identified above, in vesting in the Assignee like exclusive title in and to all such other patent applications and patents, in the prosecution of any interference which may arise involving said invention, or any such patent application or patent, and in assisting Assignee in enforcement of any rights arising out of the Assignment; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Agreement.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor(s) has executed this agreement.

DATED: 8/22/2013


Bernhard MUELLER

DATED: _____

Andreas POPP

ASSIGNMENT

WHEREAS, Bernhard MUELLER and Andreas POPP, hereinafter called the "Assignors" have made the invention described in the United States patent application entitled "COMPOSITION AND METHOD FOR THE DIAGNOSIS AND TREATMENT OF IRON-RELATED DISORDERS" that has a U.S. Patent Application Number of 13/714,238 filed on December 13, 2012.

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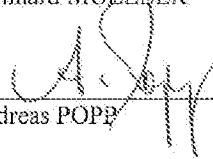
11386US01

IN TESTIMONY WHEREOF, the Assignor(s) has executed this agreement.

DATED: _____

Bernhard MUELLER

DATED: 20 Aug 13



Andreas POPP