

PATENT ASSIGNMENT

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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>Doris Kunz</td> <td>03/26/2013</td> </tr> <tr> <td>Verena Gierz</td> <td>03/19/2013</td> </tr> </tbody> </table>		Name	Execution Date	Doris Kunz	03/26/2013	Verena Gierz	03/19/2013
Name	Execution Date						
Doris Kunz	03/26/2013						
Verena Gierz	03/19/2013						
RECEIVING PARTY DATA							
Name:	Merck Patent GmbH						
Street Address:	Frankfurter Strasse 250						
City:	Darmstadt						
State/Country:	GERMANY						
Postal Code:	64293						
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>13994506</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13994506		
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Application Number:	13994506						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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NAME OF SUBMITTER:	Eamonn P. Morrison						
Signature:	/Eamonn P. Morrison/						
Date:	06/14/2013						
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif							

OP \$40.00 13994506

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this _____ day of _____, _____, by _____
Doris Kunz, Verena Gierz (hereinafter referred to as Assignors), residing at _____
c/o Merck KGaA, Frankfurter Strasse 250, 64293 Darmstadt, Germany _____,
respectively;

WHEREAS, Assignors have invented certain new and useful improvements in _____
METAL COMPLEXES _____, set forth in a Patent application for which an
International Application was filed on 13 December 2011, PCT/EP2011/006281, designating
the United States; and

WHEREAS, Merck Patent GmbH, a corporation organized under and pursuant to
the laws of Germany having its principal place of business at Frankfurter Strasse 250, 64293
Darmstadt, GERMANY (hereinafter referred to as Assignee), is desirous of acquiring the entire
right, title and interest in and to said inventions and said Application for Letters Patent of the
United States, and in and to any Letters Patent of the United States to be obtained therefore and
thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and
sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold,
assigned, transferred and set over, and by these presents do sell, assign, transfer and set over,
unto Assignee, its successors, legal representatives and assigns, the entire right, title and
interest in and to the above-mentioned inventions and application for Letters Patent, and in and
to any and all direct and indirect divisions, continuations and continuations-in-part of said
application, and any and all Letters Patent in the United States and all foreign countries which
may be granted therefore and thereon, and reissues, reexaminations and extensions of said
Letters Patent, and all rights under the International Convention for the Protection of Industrial
Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use
and benefit of its successors, legal representatives and assigns, to the full end of the term or
terms for which Letters Patent may be granted and/or extended, as fully and entirely as the
same would have been held and enjoyed by Assignors, had this sale and assignment not been
made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.


AND Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.


AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

NOVAK DRUCE CONNOLLY BOVE + QUIGG LLP

All practitioners at Customer Number 23416

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: 26.03.2013 Signature: 
Doris Kunz

Date: 19/03/2013 Signature: 
Verena Gierz

Date: _____ Signature: _____

Date: _____ Signature: _____

Date: _____ Signature: _____

Date: _____ Signature: _____

Date: _____ Signature: _____

Date: _____ Signature: _____