

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Martin Graham Partridge</td> <td>07/17/2012</td> </tr> <tr> <td>Marinus Johannes Vissenberg</td> <td>07/24/2012</td> </tr> <tr> <td>Anders Gabrielsson</td> <td>07/17/2012</td> </tr> </tbody> </table>		Name	Execution Date	Martin Graham Partridge	07/17/2012	Marinus Johannes Vissenberg	07/24/2012	Anders Gabrielsson	07/17/2012				
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<table border="1"> <tr> <td>Name:</td> <td>Johnson Matthey PLC</td> </tr> <tr> <td>Street Address:</td> <td>5th Floor</td> </tr> <tr> <td>Internal Address:</td> <td>25 Farringdon Street</td> </tr> <tr> <td>City:</td> <td>London</td> </tr> <tr> <td>State/Country:</td> <td>UNITED KINGDOM</td> </tr> <tr> <td>Postal Code:</td> <td>EC4A 4AB</td> </tr> </table>		Name:	Johnson Matthey PLC	Street Address:	5th Floor	Internal Address:	25 Farringdon Street	City:	London	State/Country:	UNITED KINGDOM	Postal Code:	EC4A 4AB
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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>13520430</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13520430								
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CORRESPONDENCE DATA													
<p>Fax Number: 6104070701 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 610-407-0700 Email: lrbennett@ratnerprestia.com</p> <p>Correspondent Name: Christopher R. Lewis Address Line 1: P.O. Box 980 Address Line 4: Valley Forge, PENNSYLVANIA 19482-0980</p>													
ATTORNEY DOCKET NUMBER:	JMYS-228US												
NAME OF SUBMITTER:	Christopher R. Lewis												
<p>Total Attachments: 6 source=JMYS228US_ASSIGN#page1.tif</p>													

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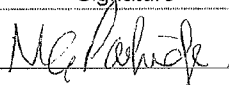
ASSIGNMENT - Patent Application		Docket Number: <u>JMYS-228US</u>
Whereas, the Assignor, comprising the following named inventors:		
ASSIGNOR(s)/ INVENTOR(s)	1. Martin Graham Partridge	2. Marinus Johannes Vissenberg
	3. Anders Gabrielsson	4.
	5.	6.
made an invention entitled: <u>CATALYST AND METHOD OF CATALYST MANUFACTURE</u>		
for which an application for Letters Patent of the United States: <i>(Select one of the following):</i> <input checked="checked" type="checkbox"/> is executed concurrently herewith <input type="checkbox"/> was filed in the U.S. Patent and Trademark Office on _____, as U.S. Patent Application Serial No.: _____		
ASSIGNEE (Full Name and Address)	Johnson Matthey PLC 5th Floor 25 Farringdon Street London EC4A 4AB United Kingdom	
is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor, Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto. Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment. Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument. If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.		

ASSIGNMENT - Patent ApplicationDocket Number: **JMYS-228US**

Assignor authorizes Assignor's attorney to insert at the end hereof, the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above.

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

Typed or Printed Name	Signature	Date
1. Martin Graham Partridge		<u>17 July 2012</u>
	<u>B. Noode</u>	<u>17 July 2012</u>
	* Witness to Assignor #1	
2. Marinus Johannes		
	* Witness to Assignor #2	
3. Anders Gabrielsson		
	* Witness to Assignor #3	
4.		
	* Witness to Assignor #4	
5.		
	* Witness to Assignor #5	
6.		
	* Witness to Assignor #6	

SIGNATURE

Application for United States Letters Patent:

Serial No.: 13,520,430

Filed: _____

Attorney Docket Number: JMYS-228USTotal Number of Assignment Pages 2

* Witness signature recommended, mandatory for some countries

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		* Witness to Assignor #1	_____
	2. Marinus Johannes	<i>M. J. 14/5</i>	<i>24.07.2012</i>
		<i>15/2</i>	<i>24.07.2012</i>
		* Witness to Assignor #2	_____
	3. Anders Gabrielsson	_____	_____
		* Witness to Assignor #3	_____
	4.	_____	_____
		* Witness to Assignor #4	_____
	5.	_____	_____
		* Witness to Assignor #5	_____
	6.	_____	_____
	* Witness to Assignor #6	_____	

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	3. Anders Gabrielsson	<i>A. Gabrielsson</i>	17/07/2012
		<i>P. LEBELLIER</i>	17/07/2012
		* Witness to Assignor #3	_____
	4.	_____	_____
		* Witness to Assignor #4	_____
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