

## 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>Michael John Watson</td> <td>05/02/2012</td> </tr> <tr> <td>David Davis</td> <td>04/27/2012</td> </tr> <tr> <td>Emily Faimington Douglas</td> <td>05/11/2012</td> </tr> </tbody> </table>		Name	Execution Date	Michael John Watson	05/02/2012	David Davis	04/27/2012	Emily Faimington Douglas	05/11/2012				
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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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<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13387586</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13387586								
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CORRESPONDENCE DATA													
<p>Fax Number: (610)407-0701          Phone: 610-407-0700          Email: lrbennett@ratnerprestia.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></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-221US												
NAME OF SUBMITTER:	Christopher R. Lewis												
<p>Total Attachments: 4          source=JMYS221US_Assign#page1.tif          source=JMYS221US_Assign#page2.tif          source=JMYS221US_Assign#page3.tif          source=JMYS221US_Assign#page4.tif</p>													

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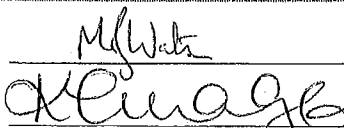
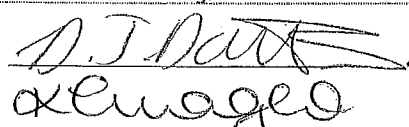
<b>ASSIGNMENT - Patent Application</b>		Docket Number: <u>JMYS-221US</u>
Whereas, the Assignor, comprising the following named inventors:		
ASSIGNOR(s)/ INVENTOR(s)	1. Michael John Watson	2. David Davis
	3. Emily Fairnington Douglas	4.
	5.	6.
made an invention entitled: <u>DEOXYGENATION PROCESS</u>		
for which an application for Letters Patent of the United States: (Select one of the following):		
<input type="checkbox"/> is executed concurrently herewith <input checked="" type="checkbox"/> was filed in the U.S. Patent and Trademark Office on <u>January 27, 2012</u> , as U.S. Patent Application Serial No.: <u>13/387,586</u>		
ASSIGNEE (Full Name and Address)	<b>Johnson Matthey PLC</b> <b>5<sup>th</sup> Floor</b> <b>25 Farringdon Street</b> <b>London EC4A 4AB</b> <b>United Kingdom</b>	
<p>is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>		

**ASSIGNMENT - Patent Application**Docket Number: **JMYS-221US**

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. Michael John Watson		2/5/12
	* Witness to Assignor #1	2/5/12
2. David Davis		27/4/12
	* Witness to Assignor #2	27/4/12
3. Emily Fairnington Douglas		
	* 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.: 13/387,586Filed: 01/27/2012Attorney Docket Number: JMYS-221USTotal Number of Assignment Pages 2

\* Witness signature recommended, mandatory for some countries

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2.	David Davis	_____	_____
		* Witness to Assignor #2	_____
3.	Emily Fairnington Douglas	<i>EDouglas</i>	11/05/12
		<i>[Signature]</i>	11/5/12
		* Witness to Assignor #3	_____
4.		_____	_____
		* Witness to Assignor #4	_____
5.		_____	_____
		* Witness to Assignor #5	_____
6.		_____	_____
		* Witness to Assignor #6	_____

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