

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr><td>Mileta Babovic</td><td>02/17/2011</td></tr> <tr><td>Daniel Lee Cairns</td><td>02/17/2011</td></tr> <tr><td>Terence James Fitzpatrick</td><td>02/17/2011</td></tr> <tr><td>Elizabeth Margaret Holt</td><td>02/17/2011</td></tr> <tr><td>Colin William Park</td><td>02/17/2011</td></tr> <tr><td>William Maurice Sengelow</td><td>02/17/2011</td></tr> <tr><td>Edmund Hugh Stitt</td><td>02/17/2011</td></tr> </tbody> </table>		Name	Execution Date	Mileta Babovic	02/17/2011	Daniel Lee Cairns	02/17/2011	Terence James Fitzpatrick	02/17/2011	Elizabeth Margaret Holt	02/17/2011	Colin William Park	02/17/2011	William Maurice Sengelow	02/17/2011	Edmund Hugh Stitt	02/17/2011
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Name:</td><td>Johnson Matthey PLC</td></tr> <tr><td>Street Address:</td><td>25 Farringdon Street</td></tr> <tr><td>Internal Address:</td><td>5th Floor</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:	25 Farringdon Street	Internal Address:	5th Floor	City:	London	State/Country:	UNITED KINGDOM	Postal Code:	EC4A 4AB				
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CORRESPONDENCE DATA																	
<p>Fax Number: (610)407-0701 <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 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-202US																

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PATENT
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NAME OF SUBMITTER:

Christopher R. Lewis

Total Attachments: 3

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PATENT

REEL: 026108 FRAME: 0383

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Whereas, the Assignor, comprising the following named inventors:		
ASSIGNOR(s)/ INVENTOR(s)	1. Mileta Babovic	2. Daniel Lee Cairns
	3. Terence James Fitzpatrick	4. Elizabeth Margaret Holt
	5. Colin William Park	6. William Maurice Sengelow
	7. Edmund Hugh Stitt	
made an invention entitled: SHAPED HETEROGENEOUS CATALYSTS		
for which an application for Letters Patent of the United States: (Select one of the following): <input 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 (Formerly of 40-42 Hatton Garden, London EC1N 8EE, 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 Application

Docket Number:

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. Mileta Babovic	<u>Mileta Babovic</u> <u>S Clements</u> * Witness to Assignor #1	<u>17/2/2011</u> <u>17/2/2011</u>
2. Daniel Lee Cairns	<u>[Signature]</u> <u>S Clements</u> * Witness to Assignor #2	<u>17/2/11</u> <u>17/2/2011</u>
3. Terence James Fitzpatrick	<u>T. Fitzpatrick</u> <u>S Clements</u> * Witness to Assignor #3	<u>17/2/11</u> <u>17/2/2011</u>
4. Elizabeth Margaret Holt	<u>E M Holt</u> <u>S Clements</u> * Witness to Assignor #4	<u>17 Feb 2011</u> <u>17/2/2011</u>
5. Colin William Park	<u>Colin W Park</u> <u>S Clements</u> * Witness to Assignor #5	<u>17-2-11</u> <u>17/2/2011</u>
6. William Maurice Sengelow	<u>W M Sengelow</u> <u>S Clements</u> * Witness to Assignor #6	<u>17-2-2011</u> <u>17/2/2011</u>
7. Edmund Hugh Stitt	<u>[Signature]</u> <u>S Clements</u> * Witness to Assignor #7	<u>17/2/2011</u> <u>17/2/2011</u>

SIGNATURE

Application for United States Letters Patent:

Serial No.: 13/063,633

Filed: 03/11/2011

Attorney Docket Number: JMYS-202US

Total Number of Assignment Pages 2

* Witness signature recommended, mandatory for some countries