

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3015201

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PAUL JOSEPH ANDERSEN	08/25/2014
RALF DOTZEL	07/04/2014
RAINER LEPPelt	06/23/2014
JÖRG WERNER MÜNCH	06/23/2014
HUBERT SCHEDEL	07/07/2014
DUNCAN JOHN WILLIAM WINTERBORN	06/23/2014
KWANGMO KOO	06/23/2014
JEFFERY SCOTT RIECK	06/23/2014
TODD HOWARD BALLINGER	06/25/2014
JULIAN PETER COX	06/23/2014
RECEIVING PARTY DATA	
Name:	JOHNSON MATTHEY PUBLIC LIMITED COMPANY
Street Address:	5TH FLOOR
Internal Address:	25 FARRINGDON STREET
City:	LONDON
State/Country:	UNITED KINGDOM
Postal Code:	EC4A 4AB
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14079210
CORRESPONDENCE DATA	
Fax Number:	(610)971-3022
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	610.971.3047
Email:	LINDA.REMER@JMUSA.COM
Correspondent Name:	KEVIN M. CARROLL
Address Line 1:	435 DEVON PARK DRIVE
Address Line 2:	SUITE 600
Address Line 4:	WAYNE, PENNSYLVANIA 19087

PATENT

ATTORNEY DOCKET NUMBER:	ROY/2073USW2/ADN
NAME OF SUBMITTER:	LINDA J. REMER
SIGNATURE:	/Linda J. Remer/
DATE SIGNED:	09/09/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 9 source=2073USw2 - Combined Declaration and Assignment Fully Executed#page1.tif source=2073USw2 - Combined Declaration and Assignment Fully Executed#page2.tif source=2073USw2 - Combined Declaration and Assignment Fully Executed#page3.tif source=2073USw2 - Combined Declaration and Assignment Fully Executed#page4.tif source=2073USw2 - Combined Declaration and Assignment Fully Executed#page5.tif source=2073USw2 - Combined Declaration and Assignment Fully Executed#page6.tif source=2073USw2 - Combined Declaration and Assignment Fully Executed#page7.tif source=2073USw2 - Combined Declaration and Assignment Fully Executed#page8.tif source=2073USw2 - Combined Declaration and Assignment Fully Executed#page9.tif	

**COMBINED DECLARATION/ASSIGNMENT -
Patent Application**Docket Number: JMYT-512US1

Whereas, the Assignor, comprising the following named inventors:

ASSIGNOR(s)/ INVENTOR(s)	1. Paul Joseph Andersen	2. Ralf Dotzel
	3. Kwangmo Koo	4. Rainer Leppelt
	5. Jörg Werner Münch	6. Jeffery Scott Rieck
	7. Hubert Schedel	8. Duncan John William Winterborn
	9. Todd Howard Ballinger	10. Julian Peter Cox

made an invention entitled: THREE WAY CATALYST COMPRISING EXTRUDED SOLID BODY

for which an application for Letters Patent of the United States:

(Select one of the following):

- ☐ is executed concurrently herewith
☒ was filed in the U.S. Patent and Trademark Office on November 13, 2013,
as U.S. Patent Application Serial No.: 14/079,210

ASSIGNEE

(Full Name and Address)

Johnson Matthey Public Limited Company
5th Floor
25 Farringdon Street
London, GB EC4A 4AB

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 the Application, all divisions, continuations, and continuations-in-part thereof and non-provisional applications claiming priority thereto, 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 and authorizes Assignee to file such applications for Letters Patent in the United States and any and all other countries.

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.

Assignor authorizes Assignee's attorney to insert 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.

**COMBINED DECLARATION/ASSIGNMENT -
Patent Application**

Docket Number: JMYT-512US1

Declaration:

Note to inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."

As a below named inventor, I declare that the Application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Typed or Printed Name

Signature

Date

1. Paul Joseph Andersen

Paul Joseph Andersen

August 25, 2014

Betty Ann Keen
* Witness to Assignor #1

August 25, 2014

2. Ralf Dotzel

* Witness to Assignor #2

3. Kwangmo Koo

* Witness to Assignor #3

4. Rainer Leppelt

* Witness to Assignor #4

5. Jörg Werner Münch

* Witness to Assignor #5

6. Jeffery Scott Rieck

* Witness to Assignor #6

7. Hubert Schedel

* Witness to Assignor #7

SIGNATURE

Typed or Printed Name

Signature

Date

8. Duncan John William
Winterborn

* Witness to Assignor #8

9. Todd Howard Ballinger

* Witness to Assignor #9

SIGNATURE

10. Julian Peter Cox

* Witness to Assignor #10

Application for United States Letters Patent:

Serial No.: 14/079,210

Filed: November 13, 2013

Attorney Docket Number: JMYT-512US1

Total Number of Assignment Pages 1

* Witness signature recommended, mandatory for some countries

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	9. Todd Howard Ballinger	10. Julian Peter Cox
made an invention entitled: <u>THREE WAY CATALYST COMPRISING EXTRUDED SOLID BODY</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>November 13, 2013</u> , as U.S. Patent Application Serial No.: <u>14/079,210</u>		
ASSIGNEE (Full Name and Address)	Johnson Matthey Public Limited Company 5th Floor 25 Farringdon Street London, GB EC4A 4AB	
<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 the Application, all divisions, continuations, and continuations-in-part thereof and non-provisional applications claiming priority thereto, 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 and authorizes Assignee to file such applications for Letters Patent in the United States and any and all other countries.</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> <p>Assignor authorizes Assignee's attorney to insert 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.</p> <p>If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.</p> <p>In witness whereof, this Assignment is executed on the day indicated below.</p>		

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Typed or Printed Name

Signature

Date

SIGNATURE

1. Paul Joseph Andersen

* Witness to Assignor #1

2. Ralf Dotzel

* Witness to Assignor #2

3. Kwangmo Koo

* Witness to Assignor #3

4. Rainer Leppelt

* Witness to Assignor #4

5. Jörg Werner Münch

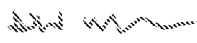

* Witness to Assignor #5

6. Jeffery Scott Rieck

* Witness to Assignor #6

7. Hubert Schedel

* Witness to Assignor #7

	Typed or Printed Name	Signature	Date
SIGNATURE	8. Duncan John William Winterborn		23/6/14
			23.06.14
		* Witness to Assignor #8	
	9. Todd Howard Ballinger		
		* Witness to Assignor #9	
	10. Julian Peter Cox		
		* Witness to Assignor #10	

Application for United States Letters Patent:	
Serial No.:	<u>14/079,210</u>
Filed:	<u>November 13, 2013</u>
Attorney Docket Number:	<u>JMYT-512US1</u>
Total Number of Assignment Pages	<u>1</u> * Witness signature recommended, mandatory for some countries

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Typed or Printed Name

Signature

Date

1. Paul Joseph Andersen

* Witness to Assignor #1

2. Ralf Doitzel

* Witness to Assignor #2

3. Kwangmo Koo

Kwangmo Koo
Jo Ellen Bughner
* Witness to Assignor #3

6/23/2014
6/23/14

4. Rainer Leppelt

* Witness to Assignor #4

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* Witness to Assignor #5

6. Jeffery Scott Rieck

Jeffery Scott Rieck
Jo Ellen Bughner
* Witness to Assignor #6

6/23/14
6/23/14

7. Hubert Schedel

* Witness to Assignor #7

SIGNATURE

	Typed or Printed Name	Signature	Date
	8. Duncan John William Winterborn		
		* Witness to Assignor #8	
	9. Todd Howard Ballinger	<i>Todd Howard Ballinger</i>	6/25/14
		<i>J. Ellen [unclear]</i>	6/25/14
		* Witness to Assignor #9	
SIGNATURE	10. Julian Peter Cox	<i>Julian Peter Cox</i>	June 23, 2014
		<i>J. Ellen [unclear]</i>	June 23, 2014
		* Witness to Assignor #10	

Application for United States Letters Patent:	
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