

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2631417

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## CONVEYING PARTY DATA

Name	Execution Date
NICOLAS ARCHER	09/30/2013
MICHAEL KENNETH BEASE	09/30/2013
TIMOTHY JAMES DAVIES	10/01/2013
BARBARA JAMIESON	10/02/2013
BRIAN HEINRICH	09/30/2013
EWART GRANT	09/30/2013
SAROOP MATHARU	09/30/2013
AMY PRICE	10/02/2013
MAUREEN YOUNG	09/30/2013

## RECEIVING PARTY DATA

Name:	JOHNSON MATTHEY PLC
Street Address:	5TH FLOOR, 25 FARRINGDON STREET
City:	LONDON
State/Country:	UNITED KINGDOM
Postal Code:	EC4A 4AB

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13957943

## CORRESPONDENCE DATA

Fax Number:  
 Phone: (215) 971-3000  
 Email: JohnsonMattheyIP@matthey.com  
*Correspondence will be sent via US Mail when the email attempt is unsuccessful.*  
 Correspondent Name: JOHNSON MATTHEY INC.  
 Address Line 1: 435 DEVON PARK DRIVE  
 Address Line 2: SUITE 600

Address Line 4: WAYNE, PENNSYLVANIA 19087

ATTORNEY DOCKET NUMBER: ROY/70093US1/NJW

NAME OF SUBMITTER: MARIA V. THOMPSON

Signature: /Maria V. Thompson/

Date: 11/27/2013

**Total Attachments: 5**

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**ASSIGNMENT AND INVENTOR'S DECLARATION**

WHEREAS I/we, the undersigned inventor(s), hereafter also referred to as "assignor(s)", have invented certain new and useful improvements described in the application identified below; and

WHEREAS, Johnson Matthey PLC, hereinafter referred to as "assignee(s)", whose address is 5<sup>th</sup> Floor, 25 Farringdon Street, London, EC4A 4AB, United Kingdom, is desirous of acquiring the entire right, title and interest in and to the application and invention, and to any United States patents to be obtained therefor;

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the above-named assignor(s), hereby sell, assign and transfer to the above named assignee(s), its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including any right to bring or maintain an action for infringement under the provisional rights granted pursuant to Title 35, Section 154 of the United States Code or any other cause of action for acts which would constitute infringement occurring prior to this assignment, and including the right to claim priority under the International Convention of Paris (1883), as amended, of or in any corresponding foreign patent application, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee(s), its successors and assigns.

As a below named inventor, I hereby declare that:

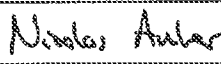
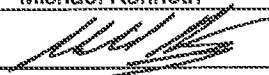

- This assignment and declaration is directed to:  The attached application, or  United States Application or PCT International Application Number 13/957,943 filed on 02 August 2013 (Confirmation No. 1656).

The application is entitled: **PROCESS**

The above-identified application was made or was authorized to be made by me.

I believe that 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 assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Given Name(s)	Nicolas	Family Name/Surname	ARCHER
Inventor's signature		Date	30 <sup>th</sup> September 2013
Given Name(s)	Michael Kenneth	Family Name/Surname	BEASE
Inventor's signature		Date	30 <sup>th</sup> September 2013
Given Name(s)	Timothy James	Family Name/Surname	DAVIES
Inventor's signature		Date	1st October 2013
Given Name(s)	Barbara	Family Name/Surname	JAMIESON
Inventor's signature		Date	

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Given Name(s)	Nicolas	Family Name/Surname	ARCHER
Inventor's signature		Date	
Given Name(s)	Michael Kenneth	Family Name/Surname	BEASE
Inventor's signature		Date	
Given Name(s)	Timothy James	Family Name/Surname	DAVIES
Inventor's signature		Date	
Given Name(s)	Barbara	Family Name/Surname	JAMIESON
Inventor's signature	<i>Barbara Jamieson</i>	Date	<i>2<sup>nd</sup> October 2013</i>

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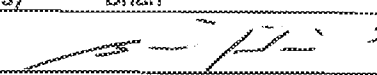
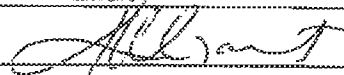
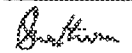
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Given Name(s)	Brian	Family Name/Surname	HEINRICH
Inventor's signature		Date	09/30/13
Given Name(s)	Ewart	Family Name/Surname	GRANT
Inventor's signature		Date	09/30/13
Given Name(s)	Saroop	Family Name/Surname	MATHARU
Inventor's signature		Date	09/30/13
Given Name(s)		Family Name/Surname	
Inventor's signature		Date	

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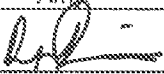
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Given Name(s)	Amy	Family Name/Surname	PRICE
Inventor's signature		Date	02/10/2013
Given Name(s)	Maureen	Family Name/Surname	YOUNG
Inventor's signature		Date	
Given Name(s)		Family Name/Surname	
Inventor's signature		Date	
Given Name(s)		Family Name/Surname	
Inventor's signature		Date	

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As a below named inventor, I hereby declare that:

This assignment and declaration is directed to:

- The attached application, or  
 United States Application or PCT International Application Number 13/957,943 filed on 02 August 2013 (Confirmation No. 1658).

The application is entitled: **PROCESS**

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Given Name(s)	Amy	Family Name/Surname	PRICE
Inventor's signature		Date	
Given Name(s)	Maureen	Family Name/Surname	YOUNG
Inventor's signature	<i>M. Young</i>	Date	<i>31<sup>st</sup> Sep. 2013</i>
Given Name(s)		Family Name/Surname	
Inventor's signature		Date	
Given Name(s)		Family Name/Surname	
Inventor's signature		Date	

**PATENT**