# 503425336 08/06/2015

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3471970

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
PETER EDWARD JAMES ABBOTT	01/30/2015
RICHARD JAMES BEAVIS	08/06/2015
PHILLIP CHARLES SOUTHERDEN	02/01/2015

## **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:	14355631

## **CORRESPONDENCE DATA**

**Fax Number:** (703)685-0573

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.

**Phone:** 7035212297

**Email:** agoode@young-thompson.com

Correspondent Name: YOUNG & THOMPSON

Address Line 1: 209 MADISON ST., SUITE 500
Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	3205-1067	
NAME OF SUBMITTER:	BENOIT CASTEL	
SIGNATURE:	/Benoit Castel/	
DATE SIGNED:	08/06/2015	

## **Total Attachments: 3**

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PATENT 503425336 REEL: 036265 FRAME: 0219

## 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, <u>Johnson Matthey Public Limited Company</u>, hereinafter referred to as "assignee(s)", whose address is 5<sup>th</sup> Floor, 25 Farringdon Street, London, EC4 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 h	ereby d	eclare that:
This assignment and		The attached application, or
declaration is directed to:		United States Application or PCT International Application Number <u>14/355631</u> filed on <u>1 May 2014</u> (Confirmation No. <u>2582</u> ).

The application is entitled: Process for Increasing Hydrogen Content of Synthesis Gas

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)	Peter Edward James	Family Name/Surname(s) ABBOTT
Inventor's Signature:	PEALLEH	Date 30th Jan 20,5
Given Name(s)	Richard James	Family Name/Surname(s) BEAVIS
Inventor's Signature:		Date
Given Name(s)	Phillip Charles	Family Name/Surname(s) SOUTHERDEN
Inventor's Signature:		Date
Given Name(s)		Family Name/Surname(s)
Inventor's Signature:		Date

REEL: 036265 FRAME: 0220

#### 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, <u>Johnson Matthey Public Limited Company</u>, hereinafter referred to as "assignee(s)", whose address is <u>5<sup>th</sup> Floor</u>, <u>25 Farringdon Street</u>, <u>London</u>, <u>EC4 4AB</u>, <u>United Kingdom</u>, 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.

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Given Name(s)	Peter Edward James	Family Name/Surname(s)	ABBOTT
Inventor's Signature:		Date	
Given Name(s)	Richard James	Family Name/Surname(s)	BEAVIS
Inventor's Signature:	R. Ben	Date	6/8/15
Given Name(s)	Phillip Charles	Family Name/Surname(s)	SOUTHERDEN
Inventor's Signature:		Date	
Given Name(s)		Family Name/Surname(s)	
Inventor's		-	
Signature:		Date	

PATENT

REEL: 036265 FRAME: 0221

#### 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

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Inventor's Signature:		Date
Given Name(s)	Richard James	Family Name/Surname(s) BEAVIS
Inventor's Signature:		Date
Given Name(s)	Phillip Charles	Family Name/Surname(s) SOUTHERDEN
Inventor's Signature:	Solede	Date 01/02/15
Given Name(s)		Family Name/Surname(s)
Inventor's Signature:		Date

**PATENT** REEL: 036265 FRAME: 0222

RECORDED: 08/06/2015