503468791 09/08/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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EPAS ID: PAT3515416

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PETER EDWARD JAMES ABBOTT	05/13/2014
GARY BEVAN COMBES	07/22/2014
RICHARD JAMES BEAVIS	08/06/2015

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:	14355630	

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:	3205-1066
NAME OF SUBMITTER:	BENOIT CASTEL
SIGNATURE:	/Benoit Castel/
DATE SIGNED:	09/08/2015

Total Attachments: 3

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PATENT 503468791 REEL: 036505 FRAME: 0385

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>5th 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.

As a below named inventor, I here	by d	eclare that:
This assignment and declaration is directed to:		The attached application, or
acolaration is allowed to.	\boxtimes	United States Application or PCT International Application Number <u>14/355630</u> filed on <u>1 May 2014</u> (Confirmation No. <u>7692</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:	PERWett	Date 13 Mary 2014
Given Name(s)	Gary Bevan	Family Name/Surname(s) COMBES
Inventor's Signature:		Date
Given Name(s)	Richard James	Family Name/Surname(s) BEAVIS
Inventor's Signature:		Date
Given Name(s)		Family Name/Surname(s)
Inventor's Signature:		Date

PATENT

REEL: 036505 FRAME: 0386

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 Public Limited Company, hereinafter referred to as "assignee(s)", whose address is 5th 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.

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Given Name(s)	Peter Edward James Family Name/Surname(s) ABBOTT		
Inventor's Signature:		Date	
Given Name(s)	Gary Bevan	Family Name/Surname(s) COMBES	
Inventor's Signature:	Suby	Date 22/7/14	
Given Name(s)	Richard James	Family Name/Surname(s) BEAVIS	
Inventor's Signature:		Date	
Given Name(s)		Family Name/Surname(s)	

PATENT REEL: 036505 FRAME: 0387

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Given Name(s)	Peter Edward James	Family Name/Surname(s) ABBOTT
Inventor's Signature:		Date
Given Name(s)	Gary Bevan	Family Name/Surname(s) COMBES
Inventor's Signature:		Date
Given Name(s)	Richard James	Family Name/Surname(s) BEAVIS
Inventor's Signature:	R.Bevi	Date 6/8/15
Given Name(s)		Family Name/Surname(s)
Inventor's Signature:		Date

PATENT

REEL: 036505 FRAME: 0388

RECORDED: 09/08/2015