502789740 04/30/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHER GOUGH MORGAN	04/09/2014

RECEIVING PARTY DATA

Name:	JOHNSON MATTHEY PUBLIC LIMITED COMPANY	
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Internal Address:	25 FARRINGDON STREET	
City:	LONDON	
State/Country:	UNITED KINGDOM	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14245307

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NAME OF SUBMITTER:	LINDA J. REMER	
SIGNATURE:	/Linda J. Remer/	
DATE SIGNED:	04/30/2014	

Total Attachments: 2

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PATENT 502789740 REEL: 032790 FRAME: 0960

ASSIGNMENT

This Assignment is made the The day of April 2014

BETWEEN

Christopher Gough MORGAN, a British Citizen of Johnson Matthey Public Limited Company, Orchard Road, Royston, Hertfordshire, SG8 5HE, United Kingdom

(each an "Inventor" and together "the Inventors")

AND

JOHNSON MATTHEY PUBLIC LIMITED COMPANY, a company incorporated in England and Wales with company number 33774, the registered office of which is at 5th Floor, 25 Farringdon Street, London EC4A 4AB, United Kingdom ("JM").

WHEREAS:

- (A) The Inventors have made an invention ("the Invention"), which is described in the patent specification entitled "FILTER SUBSTRATE COMPRISING THREE-WAY CATALYST" filed at the United Stated Patent and Trademark Office as Application No. 14/245307 on 4 April 2014 ("the Application"):
- (B) By virtue of the Inventors' employment within the JM Group, the Invention and the Application are the property of JM.

NOW IT IS HEREBY AGREED AS FOLLOWS

- In consideration of their employment within the JM Group, the Inventors hereby assign to JM with full title guarantee:-
 - (i) their legal title in and to the Invention;
 - (ii) their legal title in and to the Application;
 - the right to make further applications for Letters Patent or other form of protection for the Invention in any and all countries;
 - (iv) the right to claim priority for such applications from the Application; and
 - the right to any and all Letters Patent or other forms of protection which may be granted in respect of the Invention.

together with the sole and exclusive benefit thereof and all rights, privileges and advantages whatsoever appertaining thereto (as far as the same would but for this assignment arise or accrue to the benefit of the Inventors).

- 2. The Inventors covenant and agree to sign all papers and drawings, take all rightful oaths and do all acts necessary or required by JM to be done for the procurement of Letters Patent or other form of protection for the Invention and for further vesting or confirming the legal title thereof in JM without charge to JM but at its expense.
- This Assignment is governed by and shall be interpreted according to the laws of England and Wales.

IN WITNESS of which this Assignment has been executed under hand the day and year first before written.

SIGNED by Christopher Gough MORGAN

in the presence of:

SIGNED for and on behalf of Johnson Matthey Public Limited Company

Sarah Divon

Group IP Director

in the presence of:

REEL: 032790 FRAME: 0962