### 504063069 10/24/2016

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY DA	ATA			
		Name	Execution Date	
DIRK REICHERT	10/17/2016			
ILIR PILURI	10/17/2016			
DANIEL KUEGEL			10/17/2016	
Name:	JOHNSON MATTHEY CATALYSTS (GERMANY) GMBH			
RECEIVING PARTY DA	1			
Street Address:	BAHNHOFSTRASSE 43			
City:	REDWITZ			
State/Country:		GERMANY		
Postal Code:	96257			
PROPERTY NUMBERS	Total: 2	2		
Property Type		Number	]	
Application Number:		61936611		
Application Number:		14613749	1	

johnsonmattheyip@matthey.com Email: 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:	70236US
NAME OF SUBMITTER:	WENDY RECZEK
SIGNATURE:	/Wendy Reczek/
DATE SIGNED:	10/24/2016
Total Attachments: 2	

### Total Attachments: 2

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### ASSIGNMENT

This Assignment is made this 17th day of October 2016.

#### BETWEEN

Dirk REICHERT, a German Citizen of Johnson Matthey Catalysts (Germany) GmbH, Bahnhofstrasse 43, Redwitz, DE, D-96257; and

Ilir PILURI, a German Citizen of Weddigenstr. 12, München, DE, 81737; and

Daniel KUEGEL, a German citizen of Johnson Matthey Catalysts (Germany) GmbH, Bahnhofstrasse 43, Redwitz, DE, D-96257;

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

#### AND

1

JOHNSON MATTHEY CATALYSTS (GERMANY) GMBH, a limited liability company incorporated in Germany, registered in the commercial register of the Local Court (Amtsgericht) of Coburg under register number HRB 3723 with registered office at Bahnhofstraße 43, 96257 Redwitz ("JM").

#### WHEREAS:

(A) The Inventors have made an invention ("the Invention"), which is described in the patent specification entitled "Compact Selective Catalytic Reduction System for Nitrogen Oxide Reduction in the Oxygen-Rich Exhanst of 500 to 4500 kW Internal Combustion Engines" as listed below:

Country	Application No.	Filing Date
United States (US)	61/936,611	06 February 2014
United States (US)	14/613,749	04 February 2015
International (WO)	PCT/ GB2015/050314	05 February 2015
Germany (DE)	10 2015 202 091.6	05 February 2015
Great Britain (GB)	1501903.7	05 February 2015

- (B) By virtue of the Inventors' employment within the JM Group, the Invention and the Application are the property of JM.
- (C) This assignment is effective as of 06 February 2014.

#### 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;
  - (iii) the right to make further applications for Letters Patent or other form of protection for the Invention in any and all countries;

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- (iv) the right to claim priority for such applications from the Application; and
- (v) 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 appertanting 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 eaths 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.
- 3. This Assignment is governed by and shall be interpreted according to the laws of Germany.

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

#### SIGNED by Dirk REICHERT

in the presence of :

Ł.,

SIGNED bollir PILURI

in the presence of :

SIGNED by Daniel KUEGEL

in the presence of :

SIGNED for and on behalf of Johnson Matthey Catalysts (Germany) GmbH

By:-

Name: Dr. Michael Gula Title: General Manager

in the presence of:

Herbert Drechsel General Manager

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### **RECORDED: 10/24/2016**