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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MIKAEL LARSSON	05/09/2016
DAVID MICALLEF	05/09/2016
JING LU	05/09/2016

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:	15184267

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NAME OF SUBMITTER:	WENDY RECZEK
SIGNATURE:	/Wendy Reczek/
DATE SIGNED:	09/14/2016

Total Attachments: 3

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PATENT 504005280 REEL: 039740 FRAME: 0660

ASSIGNMENT

This Assignment is made the May of May 2016

BETWEEN

Miksel LARSSON a Swedish citizen c/o Johnson Matthey AB, Victor Hasselblads gata 8, S-421 31 Vastra Frolunds, Sweden; and

David MICALLEF, a British and U.S. citizen c/o Johnson Matthey, Orchard Rd. Royston, Hertfordshire, SG8 5HE, United Kingdom; and

Jing LU, a U.S. citizen c/o Johnson Matthey, 456 Devon Park Drive, Wayne, PA, 19087; United States;

(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 ("IM").

WHEREAS:

- (A) The Inventors have made an invention ("the Invention"), which is described in the patent specification entitled "SINGLE OR DUAL LAYER AMMONIA SLIP CATALYST" filed at the United States Patent Office as 62/181,383 on 18 June 2015 ("the Application");
- (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 18 June 2015.

NOW IT IS HEREBY AGREED AS FOLLOWS

- In consideration of their employment within the IM Group, the Inventors hereby assign to IM
 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
 - (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 appearaining thereto (as far as the same would but for this assignment arise or accrue to the benefit of the Inventors).

 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

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form of protection for the invention and for further vesting or confirming the legal title thereof in IM without charge to IM 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 Mikeel LARSSON
Colombia de Colomb
in the presence of:
SHINED by David MICALLEF
in the presence of
SIGNED by Jing LU in the presence of: A Ellen A Luc from
SIGNED for and on behalf of Johnson Masthey Public Limited Company
by Name: Sarah Dixon Title: Group IP Director
in the presence of:

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form of protection for the Invention and for further vesting or confirming the legal title thereof in IM without charge to IM but at its expense.

 This Assignment is governed by and shall be interpreted according to the laws of England and Water.

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

SIGNED by Mikael LARSSON
in the presence of:
SIGNED by David MICALLEF
in the presence 69
SIGNED by Jing LU
in the presence of:

SIGNED for and on behalf of Johnson Matthey Public Limited Company

Name: Sarah Dixon Title: Group IP Director

in the presence of:

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