504323328 04/17/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| JUERGEN BAUER | 04/13/2017 |
| RALF DOTZEL | 04/13/2017 |
| JOERG WERNER MUENCH | 04/13/2017 |

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: | 15129645 |

CORRESPONDENCE DATA

Fax Number:

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.

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ATTORNEY DOCKET NUMBER: 70179US

NAME OF SUBMITTER: WENDY RECZEK

SIGNATURE: /Wendy Reczek/

DATE SIGNED: 04/17/2017

Total Attachments: 2

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PATENT 504323328 REEL: 042025 FRAME: 0679

ASSIGNMENT

This Assignment is made the [3] day of [4] 2017.

BETWEEN

Juergen BAUER, a German Citizen of Johnson Matthey Catalysts (Germany) GmbH, Balmhofstrasse 43, Redwitz, DE, D-96257; and

Ralf DOTZEL, a German Citizen of Johnson Matthey Catalysts (Germany) GmbH, Balinhofstrasse 43, Redwitz, DE, D-96257; and

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

(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 "PROCESS FOR PRODUCING A CATALYST AND CATALYST AS SUCH" filed at the German Patent Office as DE102014205760.4 on 27 March 2014 ("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 27 March 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;
 - 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 appertaining thereto (as far as the same would but for this assignment arise or accrue to the benefit of the Inventors).

JMPLC Patent Assignment 2014

- 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 Jueggen BAUER.

in the presence of:

SIGNED by Ralf DOTZEL

in the presence of:

SIGNED by Joerg Werner MUENCH

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:

JMPLC Patent Assignment 2014