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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
DIRK REICHERT	06/30/2016
ROBERT KLEUDERLEIN	06/30/2016
HARALD SCHERBEL	06/30/2016

RECEIVING PARTY DATA

Name:	JOHNSON MATTHEY CATALYSTS (GERMANY) GMBH	
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City:	REDWITZ	
State/Country:	GERMANY	
Postal Code:	D-96257	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15371867

CORRESPONDENCE DATA

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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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NAME OF SUBMITTER:	WENDY RECZEK
SIGNATURE:	/Wendy Reczek/
DATE SIGNED:	05/10/2017

Total Attachments: 2

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PATENT 504360586 REEL: 042440 FRAME: 0509

ASSIGNMENT

This Assignment is made this <u>a</u> day of <u>June</u> 2016.

BETWEEN

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

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

Harald SCHERBEL, 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 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 "IMPROVED FRAME ELEMENTS FOR CONTAINING MONOLITHS," filed at the United States Patent and Trademark Office as 62/263,901 on 07 December 2015 ("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 IM 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).

 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 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.

Same (DINA Reichert)

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

Name: Dr. Michael Gula Title: General Manager

in the presence of:

Herbert Drechsel General Manager

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RECORDED: 05/10/2017