PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3813744

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHNSON MATTHEY JAPAN INC.	03/22/2016

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
Patent Number:	6645439

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.

Email: johnsonmattheyip@matthey.com

Correspondent Name: JOHNSON MATTHEY INC.

Address Line 1: 435 DEVON PARK DRIVE; SUITE 600

Address Line 4: WAYNE, PENNSYLVANIA 19087

ATTORNEY DOCKET NUMBER:	01461US0
NAME OF SUBMITTER:	WENDY RECZEK
SIGNATURE:	/Wendy Reczek/
DATE SIGNED:	04/04/2016

Total Attachments: 2

source=JP-Assign1#page1.tif source=JP-Assign1#page2.tif

PATENT 503767098 REEL: 038338 FRAME: 0019

ASSIGNMENT

	*	0.00	44						
			٠,						
	w								
	5	•	٨						
	s								
	90								
	r.	Ω							
	7	٠.	ø.						
	2	. 4							
	٠.	٠.							
	о.								
	5 :	51	٠.						
	ĸ.	3							
	3	٠,							
	я								
	г.								
	٠,	63							
	я.	m							
			-0						
	ø								
		12	٠						
		1							
		٠.							
	2								
	x	٠,							
	2	Q.							
	и	10							
	٥	٠							
	х	٠.	¢.						
	ĸ,	a							
	ě.	ž.	×						
	х	v	¢.						
	æ	٧.							
	ō.	a:	٠						
	7	٠.							
	1								
	Ō.	-2							
	×	•							
	ъ	2	٠.						
	ч.	1	i.						
	×	٠.	2						
	7	Δ	٠.						
			7.						
	e,	0							
	δ.	*							
	ĸ.	٠.	Ŀ.						
	О	٠.							
	ŧ.	10							
	×								
		r.							
	5.	10							
	×	×							
	ě.	۰	•						
			ĸ.						
	3.3								
		33	١.						
	i.	٠.	٠.						
	3	12	0						
		ŭ.	٠.						
	N	×	•						
	ď.								
	0								
	×	٠.	٥.						
			3						
	94								
	o	۸,							
			х						
			۰						
	0		. 3						
	×	٧.							
	ú.								
	20								
	e.	3	20						
	5	97							
	- 3	c 1							
	г.	₽.							
	57	2.							

BETWEEN

JOHNSON MATTHEY JAPAN INC., a company organized and existing in Japan, and having a place of business at 5123-3, Kitsuregawa, Sakura-shi, Tochigi ("Assignor").

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 ("Assignee").

WHEREAS:

(A) The Assignor is the owner of the entire right, title and interest in and to the Patent(s), and of the Invention therein described, entitled "EXHAUST GAS CLEAN-UP CATALYST," as listed below:

Country	Patent No.	Issue Date
Germany	69909887.4	30 July 2003
Great Britain	0960649	30 July 2003
Japan	4290240	10 April 2009
United States	6645439	11 November 2003

(B) The Assignee desires to acquire rights in, to and under the Patent(s), and such Invention.

NOW IT IS HEREBY AGREED AS FOLLOWS

- In consideration of the sum of \$1.00 to Assignor, the receipt of which is hereby acknowledged, Assignor hereby assigns to with full title guarantee;
 - its legal title in and to the Invention;
 - (ii) its legal title in and to the Patent(s);
 - 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 Patent(s); 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 Assignor).

- 2. The Assignor covenants and agrees to sign all papers and drawings, take all rightful oaths and do all acts necessary or required by Assignee 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 Assignee without charge to Assignee but at its expense.
- This Assignment is governed by and shall be interpreted according to the laws of England and Wales.

PATENT REEL: 038338 FRAME: 0020 IN WITNESS of which this Assignment has been executed under hand the day and year first before written.

SIGNED!

in the presence of:

SIGNED for and on behalf of Johnson Matthey Public Limited Company

By: Sarah Dixon

Title: Group IP Director

in the presence of:

PATENT REEL: 038338 FRAME: 0021

RECORDED: 04/04/2016