506740107 06/29/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAKESHI KADONO	04/27/2020
KENJI TANIKAWA	04/27/2020

RECEIVING PARTY DATA

Name:	JOHNSON MATTHEY PUBLIC LIMITED COMPANY
Street Address:	25 FARRINGDON STREET
Internal Address:	5TH FLOOR
City:	LONDON
State/Country:	UNITED KINGDOM
Postal Code:	EC4A 4AB

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17248004

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.

Phone: 6109713094

Email: johnsonmattheyip@matthey.com

Correspondent Name:ANNE YAN C/O JOHNSON MATTHEYAddress Line 1:435 DEVON PARK DRIVE, SUITE 600Address Line 4:WAYNE, PENNSYLVANIA 19087

ATTORNEY DOCKET NUMBER:	P100851US02	
NAME OF SUBMITTER:	JUDITH MORGAN	
SIGNATURE:	/Judith Morgan/	
DATE SIGNED:	06/29/2021	

Total Attachments: 4

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PATENT REEL: 056698 FRAME: 0013

ASSIGNMENT AGREEMENT

THIS DEED OF ASSIGNMENT IS dated 27th APRIL 2020 and made

BETWEEN

Takeshi KADONO, a Japanese citizen, c/o 5123-3 Kitsuregawa, Sakura-shi, Tochigi, 329-1412, Japan Kenji TANIKAWA, a Japanese citizen, c/o 5123-3 Kitsuregawa, Sakura-shi, Tochigi, 329-1412, Japan (each an "Inventor" and together the "Inventors"); and

JOHNSON MATTHEY PUBLIC LIMITED COMPANY, a company incorporated in England and Wales (registered number 00033774) having its registered office at 5th Floor 25 Farringdon Street, London, EC4A 4AB, United Kingdom ("JM").

RECITALS

- (a) The inventors have made an invention (the "Invention"), which is described in the patent specification entitled Novel Multi-Region TWC Catalysts for Gasoline Engine Exhaust Gas Treatments" filed with Application No. 62/957,848 made to the United States of America Intellectual Property Office on 07 January 2020 (the "Application").
- (b) The Inventors have agreed to assign their legal rights in and to the Invention and Application to JM on the terms set out in this Deed.

WHEREAS it is hereby agreed as follows:

1. Assignment

- 1.1 The Inventors hereby assigns to JM, all their legal rights, title and interest in and to the Invention and Application, including:
 - 1.1.1 the right to claim priority from such Application, and file for further patent applications in any territory of the world in respect of the Invention (the "Patent Applications");
 - 1.1.2 the right to prosecute the Patent Applications and to obtain grant of patent or similar protection in or in respect of any country or territory in the world (each a "Patent");
 - 1.1.3 the legal entitlement to any Patents granted pursuant to any Patent Applications comprised in the Patents or filed as aforesaid; and
 - 1.1.4 the right to bring, make, oppose, defend, appeal proceedings, claims or actions and obtain relief (and to retain any damages recovered) in respect of any infringement, or any other cause of action arising from ownership, of any of the Patents or any Patents granted on any of the Patent Applications in the Patents or filed as aforesaid, whether occurring before on or after the date of this Deed.

2. Further Assurance

- At JM's expense the Inventors shall promptly execute and deliver all such documents and do all such things as are necessary, required or requested by JM for the procurement of any Patent Applications, Patents or other form of protection anywhere in the world for the Invention, or as are otherwise required to give full effect to this Deed and the transaction intended to be effected pursuant to it, including:
 - 2.1.1 the registration of JM as applicant for, or proprietor of, any Patents; and
 - 2.1.2 assisting JM in obtaining, defending and enforcing any Patents, and assisting with any other proceedings which may be brought by or against JM against or by any third party relating to the rights assigned by this Deed.

3. No Further Compensation

Without prejudice to s.40 Patents Act 1977 or any similar provisions of law in any jurisdiction in favour of the inventors, the inventors acknowledges and agree that no further fees or compensation other than that already provided for pursuant to the inventors' employment in the IM group are due or may become due to the inventors under or in connection with this Deed.

4. Severance

If any provision or part-provision of this Deed is or becomes invalid, illegal or unenforceable, it shall be deemed modified to the minimum extent necessary to make it valid, legal and enforceable. If such modification is not possible, the relevant provision or part-provision shall be deemed deleted. Any modification to or deletion of a provision or part-provision under this clause shall not affect the validity and enforceability of the rest of this Deed.

5. Counterparts

This Deed may be executed in any number of counterparts and by the parties hereto in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.

6. Governing Law and Jurisdiction

- 6.1 This Deed and any dispute or claim arising out of or in connection with it or its subject matter or formation (including non-contractual disputes or claims) shall be governed by and construed in accordance with the law of England and Wales.
- 6.2 Each party irrevocably agrees that the courts of England and Wales shall have exclusive jurisdiction to settle any dispute or claim that arises out of or in connection with this Deed or its subject matter or formation (including non-contractual disputes or claims).

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PATENT REEL: 056698 FRAME: 0015

P100851US01

This document has been executed as a deed and i	s delivered and takes effect on the date stated at
the beginning of it.	

Executed as a deed by Takeshi KADONO:

in the presence of:

为外往工

(signature)

(signature of witness)

Name: Takashi Yamada

Address: 5123-3 Kitsuregawa, Sakura-shi, Tochigi,

329-1412, Japan

Occupation: Management

Executed as a deed by Kenji TANIKAWA:

in the presence of:

(signature)

(signature of witness)

Name: Takashi Yamada

Address:5123-3 Kitsuregawa, Sakura-shi, Tochigi,

329-1412, Japan

Occupation:

Hanagement

Executed as a deed by JOHNSON MATTHEY PUBLIC in the presence of: LIMITED COMPANY acting by:

By Power of Attorney

(signature of witness)

Name: ANDREA RIDGAND

Address: 12 OATCANDS COAY DURTHAM CITY

Occupation: AREA BUSINESS MANAGER.