

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YOSHINORI SAITO	06/27/2017
MASAHIDE MIURA	06/27/2017
SEIJI NAKAHIGASHI	06/27/2017
HIROMASA SUZUKI	06/27/2017
TAKAHIRO SUZUKI	06/28/2017
KOSUKE IIZUKA	06/26/2017
MINORU ITO	06/26/2017
RYOTA NAKASHIMA	06/26/2017
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15663952
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**NAME OF SUBMITTER:** QIANA GRAHAM, NEW APPLICATIONS DEPT

**SIGNATURE:** / Qiana Graham/

**DATE SIGNED:** 07/31/2017

**Total Attachments: 3**

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Attorney's Docket No.: \_\_\_\_\_

**Assignment of Application**

WHEREAS, I (WE) \_\_\_\_\_  
Yoshinori SAITO of Toyota-shi, Aichi, Japan  
Masahide MIURA of Toyota-shi, Aichi, Japan  
Seiji NAKAHIGASHI of Toyota-shi, Aichi, Japan  
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Minoru ITO of Kakegawa-shi, Shizuoka, Japan  
Ryota NAKASHIMA of Kakegawa-shi, Shizuoka, Japan  
\_\_\_\_\_, respectively,

have invented certain new and useful improvements in: \_\_\_\_\_  
CATALYST FOR PURIFYING EXHAUST GAS  
for which an application for Letters Patent was executed on even date herewith  
(Application No. \_\_\_\_\_, filed \_\_\_\_\_), and

WHEREAS, TOYOTA JIDOSHA KABUSHIKI KAISHA and  
CATALER CORPORATION  
(hereinafter referred to as "ASSIGNEES") having places of business at: \_\_\_\_\_  
1, Toyota-cho, Toyota-shi, Aichi 471-8571 Japan and  
7800, Chihama, Kakegawa-shi, Shizuoka 437-1492 Japan

are desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any official of any and all foreign countries to issue any and all

of said Letters Patent, when granted, to said ASSIGNEES as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEES or their legal representatives and assigns covenant and any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of SUGHRUE MION, PLLC, 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 U.S.A. the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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(Signature of inventor) Yoshinori SAITO

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Date: June 27, 2017 Seiji Nakahigashi  
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Date: Jun. 26, 2017      Minoru Ito  
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