

## 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>
KEN KAWABE	02/09/2017
SHOHEI HOSHINO	02/09/2017
MASAHITO SHIBATA	02/18/2017
YOSHIHITO HASHIMOTO	02/16/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	YANMAR CO., LTD.
<b>Street Address:</b>	1-32, CHAYAMACHI, KITA-KU
<b>City:</b>	OSAKA-SHI, OSAKA
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	5308311
<b>Name:</b>	JOHNSON MATTHEY PUBLIC LIMITED COMPANY
<b>Street Address:</b>	5TH FLOOR, 25 FARRINGDON STREET
<b>City:</b>	LONDON
<b>State/Country:</b>	UNITED KINGDOM
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15505436
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(860)286-0115
<i>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.</i>	
<b>Phone:</b>	860-286-2929
<b>Email:</b>	usptopatentmail@cantorcolburn.com
<b>Correspondent Name:</b>	CANTOR COLBURN LLP
<b>Address Line 1:</b>	20 CHURCH STREET
<b>Address Line 2:</b>	22ND FLOOR
<b>Address Line 4:</b>	HARTFORD, CONNECTICUT 06103
<b>ATTORNEY DOCKET NUMBER:</b>	YIP0115US
<b>NAME OF SUBMITTER:</b>	DANIEL P. LENT

<b>SIGNATURE:</b>	/Daniel P. Lent/
<b>DATE SIGNED:</b>	04/06/2017
<b>Total Attachments: 2</b> source=7SX7386#page1.tif source=7SX7386#page2.tif	

ASSIGNMENT

WHEREAS We, **Ken KAWABE and Shohei HOSHINO** of c/o **YANMAR CO., LTD., 1-32, Chayamachi, Kita-ku, Osaka-shi, Osaka 5308311 Japan**, **Masahito SHIBATA and Yoshihito HASHIMOTO** of c/o **Johnson Matthey Japan GK, 5123-3 Kitsuregawa, Sakura-shi, Tochigi 3291412 Japan** (hereinafter referred to as "ASSIGNORS") have invented certain new and useful improvements in:

**OXIDATION CATALYST FOR DIESEL ENGINES**

which claims priority to **Japanese Application No. 2014-166914** filed on **August 19, 2014** for which we are about to file or have filed an application for Letters Patent of the United States;

AND WHEREAS, **YANMAR CO., LTD.**, a corporation organized and existing under the laws of the Country of **Japan**, having a place of business at **1-32, Chayamachi, Kita-ku, Osaka-shi, Osaka 5308311 Japan** and **Johnson Matthey Public Limited Company**, a corporation organized and existing under the laws of the Country of **United Kingdom**, having a place of business at **5th floor, 25 Farringdon Street, London, United Kingdom** (hereinafter referred to as "ASSIGNEES"), are desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEES, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEES, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEES, its successors and assigns; and We do hereby agree that the said ASSIGNEES, may apply for foreign Letters Patent on said invention and that We

will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEES, its successors or assigns, and that We will, at the cost and expense of the said ASSIGNEES fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: February 9, 2017

川邊 研

Ken KAWABE

L.S.

Date: February 9, 2017

星野 昌平

Shohei HOSHINO

L.S.

Date: Feb. 18, 2017

柴田 正仁

Masahito SHIBATA

L.S.

Date: February 16, 2017

橋本 義人

Yoshihito HASHIMOTO

L.S.