504952872 06/11/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MITSUBISHI HEAVY INDUSTRIES, LTD.	06/04/2018

RECEIVING PARTY DATA

Name:	MITSUBISHI HEAVY INDUSTRIES ENGINE & TURBOCHARGER, LTD.	
Street Address:	3000, TANA	
Internal Address:	CHUO-KU	
City:	SAGAMIHARA-SHI, KANAGAWA	
State/Country:	JAPAN	
Postal Code:	252-5293	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15500659

CORRESPONDENCE DATA

Fax Number: (703)816-4100

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: 703-816-4044

Email:dmw@nixonvan.comCorrespondent Name:RAYMOND Y. MAHAddress Line 1:901 N. GLEBE ROAD

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ATTORNEY DOCKET NUMBER:	RYM-2635-1640	
NAME OF SUBMITTER:	RAYMOND Y. MAH	
SIGNATURE:	/Raymond Y. Mah/	
DATE SIGNED:	06/11/2018	

Total Attachments: 2

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PATENT 504952872 REEL: 046039 FRAME: 0286

<u>ASSIGNMENT</u>

WHEREAS, MITSUBISHI HEAVY INDUSTRIES, LTD. (hereinafter ASSIGNOR), an entity, having an office and place of business at 16-5, Konan 2-Chome, Minato-ku, Tokyo, Japan 108-8215, has been assigned 50% right, title and interest in a certain invention entitled LASER IGNITION DEVICE, for which Application No. 15/500,659 for Letters Patent of the United States was filed on 01/31/2017;

WHEREAS, ASSIGNOR hereby confirms that ASSIGNOR has the full right to convey all rights, as herein expressed, to the said application and the invention embodied therein; and

WHEREAS, MITSUBISHI HEAVY INDUSTRIES ENGINE & TURBOCHARGER, LTD. (hereinafter ASSIGNEE), an entity, having an office and place of business at 3000, Tana, Chuo-ku, Sagamihara-shi, Kanagawa, 252-5293, Japan, is desirous of acquiring the 50% interest therein.

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, the full and exclusive right to the said invention in the United States and all foreign countries, as described in the aforesaid application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives.

And, ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention; and to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to

ASSIGNEE's full protection and title in and to the invention hereby transferred and fo
maintaining any resulting patent concerning said invention.

I am authorized to execute this ASSIGNMENT on behalf of ASSIGNOR.

Executed this 4th day of June , 2018.

MITSUBISHI HEAVY INDUSTRIES, LTD.

By:

lame: Hiromichi Ito

Title: General Manager of Intellectual Property Department

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