

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.	07/09/2018
RECEIVING PARTY DATA	
Name:	mitsubishi heavy industries engineering, ltd.
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Postal Code:	220-8401
PROPERTY NUMBERS Total: 4	
Property Type	Number
Application Number:	14768548
Application Number:	14769721
Application Number:	15102721
Application Number:	15106495
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DATE SIGNED:	08/29/2018
Total Attachments: 2	
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P201202792 US01
P201202794 US01
P201302191 US01
P201302251 US01

Attorney Docket No. AS180002US00

ASSIGNMENT

WHEREAS, MITSUBISHI HEAVY INDUSTRIES, LTD., a corporation duly organized under the laws of Japan and having its principal place of business at 16-5, Konan 2-Chome, Minato-ku, Tokyo, Japan 108-8215 is the owner of the entire right, title and interest in and to the inventions described and claimed in the U.S. Applications and U.S. Patents indicated in the attached list, by virtue of assignments recorded at the U.S. Patent and Trademark Office;

WHEREAS, MITSUBISHI HEAVY INDUSTRIES, LTD., hereinafter referred to as ASSIGNOR, is desirous of assigning its entire right, title and interest in and to said listed U.S. Applications and U.S. Patents;

WHEREAS, Mitsubishi Heavy Industries Engineering, Ltd., a corporation duly organized under the laws of Japan and having its principal place of business at 3-1, Minatomirai 3-Chome, Nishi-ku, Yokohama-shi, Kanagawa 2208401 Japan, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest as held by ASSIGNOR in and to said listed U.S. Applications and U.S. Patents;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: be it known that for good and valuable consideration, the adequacy and receipt of which is hereby acknowledged by ASSIGNOR, ASSIGNOR hereby sells, assigns, and transfers to ASSIGNEE, its entire right, title, and interest in and to United States Patent Applications and United States Patents specified in the attached list, and the inventions therein, for the full term of the said United States Patent Application and any and all U.S. patents granted therein and any reissue, extension, reexamination, continuation, or divisional thereof.

IN WITNESS WHEREOF, the undersigned ASSIGNOR has hereunto set hand and seal this 9th day of July, 2018.

Assignor: MITSUBISHI HEAVY INDUSTRIES, LTD.

Signature of Representative: Hirumichi Ito

Name: Hirumichi ITO

Title: General Manager of Intellectual Property Department

List of Affected U.S. Patent Applications and U.S. Patents

U.S. Application or Patent Number	Assignment Reel/Frame	Attorney Docket No.
14/768,548	037461/0139	P25507US00
14/769,721	037363/0590	P25506US00
15/102,721	039186/0642	P160411US00
15/106,495	039556/0987	P160422US00