

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4684745

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	U-MHI PLATECH CO., LTD.	09/21/2017
RECEIVING PARTY DATA		
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Postal Code:	4530862	
Name:	MITSUBISHI HEAVY INDUSTRIES, LTD.	
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City:	TOKYO	
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PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	15037325	
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SIGNATURE:	/Benjamin J. Hauptman/	

DATE SIGNED:	11/12/2017
Total Attachments: 1 source=F-CompanytoCompany_Assignment#page1.tif	

ASSIGNMENT

WHEREAS, U-MHI PLATECH CO., LTD., 1, Aza Takamichi, Iwatsuka-cho, Nakamura-ku, Nagoya-shi, Aichi 4530862 Japan (hereinafter referred to as ASSIGNOR), is the assignee of U.S. Patent Application No. 15/037,325 filed on May 17, 2016, (hereinafter referred to as the INVENTION); by virtue of an assignment from the inventor dated October 25, 2017, and recorded at Reel 043951, Frame 0904 and

WHEREAS, U-MHI PLATECH CO., LTD., 1, Aza Takamichi, Iwatsuka-cho, Nakamura-ku, Nagoya-shi, Aichi 4530862 Japan, and MITSUBISHI HEAVY INDUSTRIES, LTD., whose post office address is 16-5, Konan 2-Chome, Minato-ku, Tokyo 1088215 Japan (hereinafter collectively referred to as "ASSIGNEES"), are desirous of acquiring ASSIGNOR's entire right, title and interest in and to the PATENTS in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto each of said ASSIGNEES 50 % of ASSIGNOR's entire right, title, and interest in and to said PATENTS throughout the United States of America, including the right to sue for past infringement, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said PATENTS.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said PATENTS in the United States, including additional documents that may be required to affirm the rights of ASSIGNEES in and to said PATENTS, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEES' expense, to identify and communicate to ASSIGNEES at ASSIGNEES' request documents and information concerning the PATENTS that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEES that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any of said PATENTS. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for said PATENTS to ASSIGNEES, for ASSIGNEES' use and behoof; and for the use and behoof of ASSIGNEES' legal representatives and successors, to the full end of the term for which such United States Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

Signature: Koji Kubota Date: SEP. 21, 2017
KOJI KUBOTA

President

Title