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.	02/02/2015

RECEIVING PARTY DATA

Name:	MITSUBISHI HITACHI POWER SYSTEMS, LTD.
Street Address:	3-1, MINATOMIRAI 3-CHOME, NISHI-KU
City:	YOKOHAMA-SHI, KANAGAWA
State/Country:	JAPAN
Postal Code:	220-8401

PROPERTY NUMBERS Total: 23

Property Type	Number
Application Number:	12306832
Application Number:	12812115
Application Number:	14317357
Application Number:	14317363
Application Number:	13266652
Application Number:	13387310
Application Number:	13500009
Application Number:	12789084
Application Number:	13387206
Application Number:	13511498
Application Number:	13064509
Application Number:	13163942
Application Number:	13216966
Application Number:	13307854
Application Number:	13806961
Application Number:	13354698
Application Number:	14007940
Application Number:	14239468
Application Number:	14007919
Application Number:	13608097

PATENT REEL: 034910 FRAME: 0416

503169908

Property Type	Number
Application Number:	14344465
Application Number:	13728661
Application Number:	13868546

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	150069
NAME OF SUBMITTER:	STEPHEN G. ADRIAN
SIGNATURE:	/Stephen G. Adrian/
DATE SIGNED:	02/06/2015

Total Attachments: 2

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PATENT REEL: 034910 FRAME: 0417

Attorney Docket No. 150069

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, 108-8215, JAPAN

is the owner of the entire right, title and interest in and to the inventions described and claimed in the U.S.

Applications 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;

WHEREAS, MITSUBISHI HITACHI POWER SYSTEMS, 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 220-8401 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;

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

specified in the attached list, and the inventions therein, for the full term of the said United States Patent

Applications 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 2nd

day of February , 2015.

Assignor: MITSUBISHI HEAVY INDUSTRIES, LTD.

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Signature

of Representative:

Name: Hiromichi ITO

Title:

General Manager of Intellectual Property Department

PATENT REEL: 034910 FRAME: 0418

List of Affected U.S. Patent Applications

U.S. Application Number	Assignment Reel/Frame	Attorney Docket No.
12/306,832	22067/0082	082647
12/812,115	24675/0630	100932
14/317,357	33223/0593	091453A
14/317,363	33223/0665	091453B
13/266,652	27191/0304	111353
13/387,310	27632/0555	120085
13/500,009	28401/0817	120402
12/789,084	24828/0298	100736
13/387,206	27914/0575	120086
13/511,498	28262/0145	120561
13/064,509	26418/0109	110295
13/163,942	26776/0415	110737
13/216,966	27100/0985	111041
13/307,854	27789/0802	111527
13/806,961	29550/0589	121527
13/354,698	27965/0257	120074
14/007,940	31311/0315	110393
14/239,468	32246/0007	140152
14/007,919	31453/0532	131181
13/608,097	29888/0918	121071
14/344,465	33306/0237	140325
13/728,661	30125/0389	121570
13/868,546	30283/0407	130473

RECORDED: 02/06/2015

PATENT REEL: 034910 FRAME: 0419