PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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YOSHINORI OKAMURA	09/05/2014
TAKAHISA HASEGAWA	09/05/2014
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14387413

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	141247	
NAME OF SUBMITTER:	CRYSTAL BOYER	
SIGNATURE:	/CRYSTAL BOYER/	
DATE SIGNED:	09/23/2014	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

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PATENT REEL: 033800 FRAME: 0632 Docket No .:

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Combined Declaration and Assignment for Utility Patent and Design Patent Applications

	DECLARATION
As a below named in	eventor, I hereby declare that:
I believe I am the or is sought on the inve	iginal inventor or an original joint inventor of the subject matter which is claimed and for which a patent entitled
Insert Title:	UBE EXPANSION METHOD
the application of w	hich is attached hereto unless the following is checked
was filed on PCT International A	as United States Application Number and was filed on November 28, 2012 as pplication Number PCT/JP2012/080781 and was amended on (if applicable).
The above-identified	d application was made or authorized to be made by me.
	ge that any willful false statement made in this declaration is punishable under section 1001 of title 18 by t of not more than 5 years, or both.
	ASSIGNMENT
	VALUABLE CONSIDERATION, the adequacy and receipt of which is hereby acknowledged by the r(s) (hereinafter ASSIGNOR) by
Insert Assignee(s) Name/Address:	MITSUBISHI HEAVY INDUSTRIES, LTD. 16-5, Konan 2-chome, Minato-ku, TOKYO 108-8215 JAPAN
exclusive right, title Patent of the United	NEE), the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and and interest to the above-identified application (e.g., provisional or non-provisional) and all Letters States to be obtained therefore on said application or any continuation, divisional, substitute, reissue, lemental examination, inter partes review, post grant review, or other procedures thereof for the full

term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue, reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

The ASSIGNOR sells, assigns and transfers to said ASSIGNEE the entire and exclusive right, title and interest to the application(s) and the invention(s) disclosed therein for the United States of America and all countries foreign to the United States and do hereby authorize said ASSIGNEE to apply for patents therefore in its own name in countries where such procedure is proper and to claim the priority right under the International Convention and agrees to execute all papers

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necessary in connection with applications for such patents and any continuation, divisional, substitute, reissue or reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof and also execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

Hereby executed by the undersigned on the date opposite the undersigned name:

Legal Name of inventor ⇔	Nobutaka NAKAJIMA	Date:	September 5, 2014
Inventor's Signature ⇔	Nobertaba Nakajima Nakajima Nobertales	= N.N	
Legal Name of inventor ⇔	Yoshinori OKAMURA	Date:	September 5, 2014
Inventor's Signature ⇔	Yoshinori Okamura		
Legal Name of inventor ⇔	Takahisa HASEGAWA	Date:	September 5, 2014
Inventor's Signature ⇔	Takalisa Haregawa	,	
Legal Name of inventor ⇒	Hirokazu KADOWAKI	Date:	September 5, 2014
Inventor`s Signature ⇒	Jehrohazu Kadowaki	17/1/11	
Legal Name of inventor ⇒		Date:	
Inventor's Signature ⇔		••••	
Legal Name of inventor ⇒		Date:	
Inventor's Signature ⇒			

Note: Use an additional form for each additional inventor.