PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2567778

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIDEO HOSHI	09/27/2013
SHOGO NAKASHIMA	09/27/2013
TATSUYA HIDAKA	09/27/2013
YASUHARU YAMAMOTO	09/27/2013
TAKESHI OKUBO	09/27/2013

RECEIVING PARTY DATA

Name:	MITSUBISHI HEAVY INDUSTRIES, LTD.	
Street Address:	16-5, KONAN 2-CHOME, MINATO-KU,	
City:	ТОКҮО	
State/Country:	JAPAN	
Postal Code:	108-8215	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13825066

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	KELLY FORE
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502522748 REEL: 031355 FRAME: 0453

13825066

Signature:	/Kelly Fore/
Date:	10/07/2013
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

PATENT REEL: 031355 FRAME: 0454

ASSIGNMENT

In consideration of good and valuable consideration paid to each of the undersigned

Insert Name(s)
of Inventor(s)

<u>Hideo HOSHI</u> Shogo NAKASHIMA

<u> Tatsuya HIDAKA</u>

Yasuharu YAMAMOTO

Takeshi OKUBO

Insert Name(s) of Assignce(s) the undersigned hereby sell(s) and assign(s) to

MITSUBISHI HEAVY INDUSTRIES, LTD.

Address

of 16-5, Konan 2-chome, Minato-ku, Tokyo 108-8215, Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

Title of Invention

PUMP CONFIGURATION

The undersigned agree(s) to execute all papers necessary in connection with this application for patent in the USPTO for the invention, and any continuation, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any post-grant proceeding which may occur in connection with this application or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements, which includes the right to claim priority and the right to be granted a patent in any PCT Contracting State.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the USPTO to issue any and all Letters Patents of the United States resulting from said application or any continuation, divisional or reissue applications thereof to the said Assignee, as

PATENT REEL: 031355 FRAME: 0455 Assignee of the entire interest, and covenant(s) that the undersigned have not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of Wenderoth Lind & Ponack, L.L.P., the power to insert on this document any further identification which may be necessary or desirable.

Executed by the undersigned on the date(s) opposite the undersigned name(s).

I fodeo Hoshi	SEP. 2 7. 2013
Hideo HOSHI	(Date)
Shogo Nakashima Shogo NAKASHIMA	SEP. 2 7, 2013
Shogo NAKASHIMA	(Date)
Tatsuya Hivlaha	SEP. 2 7. 2013
Tatsuya HIDAKA	(Date)
Youleo Yamamato Yasuharu YAMAMOTO (Deceased)	SEP. 2 7. 2013
Yasuharu YAMAMOTO (Deceased)	
n Vaula UNMANAMA I and Dan	(Date)
By: Youko YAMAMOTO, Legal Rep Inami-cho, Kako-gun,Hyogo	
Takeshi Okubo	SEP. 27. 2013
Takeshi OKUBO	(Date)
	(Date)
Witness (optional)	
Witness (optional)	
The above application may be more particularly	identificd as follows:

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> PATENT REEL: 031355 FRAME: 0456

RECORDED: 10/07/2013

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