06-18-201	
FORM PTO-1596 1-31-92 103599944	
	Please record the attached original documents or copy thereto:
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
 Takumi NAKASHIMA Mitsuya BABA Yoshiyuki HAYASHI Kazunari IDE Nature of conveyance: Xassignment Merger Security Agreement Change of Name Other Execution Date: June 8, 2010 Application number(s) or patent number(s): If the document is being filed together with a new application, the 	Name: MITSUBISHI HEAVY INDUSTRIES, LT Street Address: 16-5, Konan 2-chome, Minato-ku, City: Tokyo Zip: Tokyo Zip: 108-8215 Country: Japan
A. Patent Application No(s).	B. Patent No(s).
12/768,329 filed April 27, 2010	«PATENT» «ISSUED»
Additional numbers att	ached? 🔲 Yes 🗵 No
 5. Name and address of party to whom correspondence concerning document should be mailed: Name: KANESAKA BERNER & PARTNERS Internal Address: Street Address: 1700 Diagonal Road, Suite 310 City: Alexandria State: VA Zip: 22314 	 6. Total number of applications and patents involved: one 7. Total fee (37 CFR 3.41) <u>\$40.00</u> □ Enclosed □ Authorized to be charged to deposit account I Credit Card payment form enclosed 8. Deposit account number:
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9. Signature. Manabu kanesaka, No. 31,467 Name of Person, Registration No. Total number of pages including cover sheet, attachment, and document:	Signature Date Total number of pages including cover sheet, attachmen
	and document:
CMB No. 0851-0011 (exp. 4/94)	

48,80 05

PATENT REEL: 024557 FRAME: 0411

	[Docket No.(整理番号)]
ASSIGNMENT	
群级边影 征	
Japanese Language Assignment 日本語解波証	
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(発明者)	Takumi NAKASHIMA, Mitsuya BABA,
は、(譲受人住所)	Yoshiyuki HAYASHI, Kazunari IDE
に所在する(譲受人) <u> </u> 、その継 承者及び譲受人(以下、「譲受人」と指定する) に、 (a)(出題日) <u> (出題音号)</u> 出題され、又は	who has made a certain new and useful invention, hereby sells, assigns and transfers unto <u>MITSUBISHI HEAVY INDUSTRIES, LTD.</u> having a place of business at <u>16-5, Konan 2-chome</u> , <u>Minato-ku, Tokyo 108-8215, Japan</u>
(b) <u>(署名日)</u> に署名された米国 特許出願に記載された、	successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled ATOR AND BLADE PITCH ANGLE FEOF
に関する発明において、米国特許法第 100 条が定め る、アメリカ合衆国におけるすべての権利、権原、 利権を、ここに売渡、譲渡、移転し、	 (a) for which an application for United States Letters Patent was filed on <u>April27, 2010</u> and identified by United States Patent Application No. <u>12/768329</u>; or (b) for which an application for United States Letters Patent was executed on
下記に署名するものはここに、米国特許商標局長官 に対して、前記「譲受人」、及び「譲受人」の利害 関係者としての継承者、譲受人、及び法律上の代表 者に、この発明に関する全ての米国特許証、全ての 延長、分割出顧、再発行特許出顧、継続出願、また は一部継続出顧を、あるいは国際工業所有権保護同 盟条約の下の全ての恩典を受ける権限を与えるよう に認め且つ請求するものであり、 下記に署名する者は、前記出願に記載された弁護士 が今後、前記「譲受人」の代理人となることに同意 し、	and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

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下記に署名するものはここに、前記「譲受人」、そ の総承者、護受人、及び法律上の代表者の要請に応 じて、米国での特許出願、分割出願、再発行特許 証、又は延長特許証を取得するため、及び追加報酬 なしに、前記発明から生じる、又は関連する改良、 及びそれに基づく特許出顧のために利権を移転し、 且つ<u>必要な援助の全てを提供:及び移転された発明</u> に対して前記「譲受人」、その継承者、譲受人、及 び法律上の代表者により、「譲受人」の完全な保護 と権限に不可欠と見なされる、あらゆる審擬に署名 する事に同意するものである。

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature: 併記された日付にて署名:

1) Jahumi Nakashima Name (署名): Takumi NAKASHIMA

2) <u>Mituya Baba</u> Name (署名): Mitsuya BABA

3) <u>Upshiujuhi Hayashi</u> Name (署名): Yoshiyuki HAYASHI

4) <u>Kayunati Vde</u> Name (署名): Kazunari IDE

June 8,2010

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