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		ria, VA 22313-1450						
					Attorney Docket No. 155143			
1-39-13 Please record the attached original document or copy thereof.								
1.	Α.	Name of conveying parties:	2.	Α.	Name and address of receiving party:			
	В.	1. Takayuki MASHIMA 2. Yoichi KAWAI  Additional name(s) of conveying party(ies) attached?  Yes  No			MINEBEA MOTOR  MANUFACTURING  CORPORATION 4106-73 OAZA MIYOTA,  MIYOTA-MACHI,  KITASAKU-GUN, NAGANO JAPAN	٠.		
3.	Α.	Nature of conveyance:		В.	Additional name(s) & address(es) attached?			
	$\boxtimes$	Assignment						
		Security Agreement			2000			
		Other						
	B.	Execution Date: (ALL): January 8, 2013						
4.	Ø	This document is being filed together with a new applica	ation.					
	Α.	Patent Application No	achec	B. 17 [	Patent No.(s)			
	C.	Title of Application: <u>FAN DEVICE</u>	» (1	\ recc	ording in the assignment database; and (2) for use in			
	D.	This Assignment is submitted for a dual purpose the above-identified application as the oath or d	eclar	ation	pursuant to 37 CFR 1.63(c).			
5.		ne and address of party to whom correspondence cerning document should be mailed;	6.	То	tal number of applications and patents involved: 1			
	N	ame: James A. Oliff	7.		ease charge Deposit Account No. 15-0461 the total e (37 CFR 3.41) in the amount of \$40.00.			
	A	ddress: OLIFF & BERRIDGE, PLC P.O. Box 320850 Alexandria, VA 22320-4850	8.		edit any overpayment or charge any underpayment to posit account number 15-0461.  [82/81/2013   MORTIN 9999999 159461]	13750472		
9.	Sta To orig	tement and signature. the best of my knowledge and belief, the foregoing informational document.	ation	is tru	e and correct and any attached copy is a true copy of the			
	Jar Ro	nes A. Oliff Registration No. 27,075 ane T. Noel Registration No. 63,004 Total number of pages including cover sheet, attachmen	ıts, ar	nd doe	Date: <u>January 25, 2013</u>			
			·····					

PATENT REEL: 029781 FRAME: 0519

## ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

## **ASSIGNMENT**

	Insert	(1)	Takayuki MASHIMA	(2)	Yolchi KAWAI			
(1-8)	Legal Name(s)	(3)		(4)				
	of Inventor(s)	(5)		(6)				
		(7)		(8)				
		the un	sideration of the sum of one dollar ( dersigned, the receipt and sufficienc , and hereby does assign, transfer an	y of which are	er good and valuable consideration paid to each of hereby acknowledged, each undersigned agrees to			
(9)	Insert Name of Assignce	(9)	Minebea Motor Manufacturing Corporation					
(10)	Insert Address of Assignee	(10)	4106-73 Oaza Miyota, Miyota-machi, Kitasaku-gun, Nagano JAPAN					
		the en	lire right, title and interest for the Ur	ited States of	eirs, successors, assigns and legal representatives,  America as defined in 35 H.S.C. 6100, in the			
		invent contin	ion, and in all applications for paten	t including any reissue applicat	and all provisional, non-provisional, divisional, tion(s), and all Letters Patent, extensions, reissues			
(11)	Insert Identification such as Title, Case Number, or Foreign	invent contin	ion, and in all applications for paten uation, international, substitute and	t including any reissue applicat	and all provisional, non-provisional, divisional, tion(s), and all Letters Patent, extensions, reissues			
(11)		invent contin and re (11)	ion, and in all applications for paten uation, international, substitute and	t including any reissue applicat	and all provisional, non-provisional, divisional, tion(s), and all Letters Patent, extensions, reissues			
(11) (12)	such as Title, Case Number, or Foreign	invent contin and re (11)	ion, and in all applications for paten uation, international, substitute and a examination certificates that may be	t including any reissue applicat	and all provisional, non-provisional, divisional, tion(s), and all Letters Patent, extensions, reissues			
	such as Title, Case Number, or Foreign Application Number	invent contin and re (11)	ion, and in all applications for paten uation, international, substitute and examination certificates that may be mey Dooket No.  U.S. Application Number	t including any reissue applicat granted on the	and all provisional, non-provisional, divisional, tion(s), and all Letters Patent, extensions, reissues			

2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or patents for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) Each undersigned agrees 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.

4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.

5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is hinding on Assignor and Assignor's heirs, successors, assigns and logal representatives.

this assignment is binding on Assignor and Assignor's heirs, successors, assigns and logal representatives.

6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

## (13) Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

PATENT REEL: 029781 FRAME: 0520 in witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	January	8,	2013	Inventor Signature	TAKATUKI MASHIMA	(SEAL)
	·		•		Takayuki MASHIMA	
Date	January	8,	2013	laventor Signature	Yoichi Kawau Yoichi KAWAI	_ (SEAL)
neither,	This assignment s then it should be si	hould gned	preferably be : before at least	signed before: (n) a Notary Put two witnesses who also sign he	lic if within the U.S.A. (b) a U.S. Consul if outside use:	he U.S.A.
Ďate	January	8,	2013	Witness _	Koji UTAKA	
Date	January	8,	2013	Witness	Zutha Iching	

PATENT REEL: 029781 FRAME: 0521

**RECORDED: 01/29/2013**