503066176 11/18/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3112779

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
KAZUO TAKADA	10/23/2014	
TAKAYUKI MATSUI	10/22/2014	

RECEIVING PARTY DATA

Name:	MINEBEA CO., LTD
Street Address:	4106-73, OAZA MIYOTA, MIYOTA-MACHI
City:	KITASAKU-GUN, NAGANO
State/Country:	JAPAN
Postal Code:	389-0293

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14546342

CORRESPONDENCE DATA

Fax Number: (248)344-1096

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Correspondent Name: CARRIER BLACKMAN & ASSOCIATES, P. C.

Address Line 1: 43440 W. TEN MILE RD. Address Line 4: NOVI, MICHIGAN 48375

ATTORNEY DOCKET NUMBER:	NCO-302-A
NAME OF SUBMITTER:	JOSEPH P. CARRIER
SIGNATURE:	/Joseph P. Carrier/
DATE SIGNED:	11/18/2014

Total Attachments: 4

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PATENT 503066176 REEL: 034199 FRAME: 0344

Attorney Docket No.: NCO-302-A

DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATIONS

MOTOR CONTROL DEVICE AND METHOD FOR DETECTING OUT-OF-STEP							
	······	Title of the In	vention				
As a below nam	ned inventor / a	assignor (hereinafter de	signted as unde	rsigned), I her	eby declare that:		
This declaration	is directed to	·					
☐ The attached	i application,						
OR							
United State	s Application	Number or PCT Intern	atioani Applicat	tion Number			
		; filed on		'			
If the application		ed hereto, the application	on is as identific	ed by the Attor	ney Docket Numbe		
The above-iden	tified applicati	ion was made or author	ized to be made	by me.	•		
I believe that I a application.	nn the original	l inventor or an origina	l joint inventor	of a claimed ir	vention in the		
I have reviewed	and understar	nd the contents of the a	bove-identified	application, in	cluding the claims.		
I acknowledge t Code of Federa		close information which	h is material to p	patentability a	s defined in Title 37		
		ny willful false statemen nprisonment of not mo					
of any foreign International ap below and have	application() plication whice also identified ficate, or PCT	y under Title 35, Unite s) for patent of inve th designated at least or d below, by checking t International applicat is claimed.	entor's certificance country other the box, any for	te, or 365(a) than the Unit eign application	of any PCT ed States listed on for patent or		
Prior Foreign	Country	Foreign Filing Date	Priority Not Claimed	Certified Copy Attached?			
Application Number(s)		(MM/DD/YYYY)	Not Claimed	YES	NO		
2014-014107	Japan	January 29, 2014			X		

PATENT REEL: 034199 FRAME: 0345 I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below:

U.S. Provisional Application No.	Filing Date (MM/DD/YYYY)
'	

Customer Number: 21828

Joseph P. Carrier, Reg. No. 31,748 William D. Blackman, Reg. No. 32,397 Fulchand P. Shende, Reg. No. 69,558 Jeffrey T. Gedeon, Reg. No. 57,510

SEND CORRESPONDENCE TO:

CARRIER, BLACKMAN & ASSOCIATES, P.C. Joseph P. Carrier, William D. Blackman, 43440 W. Ten Mile Road

Novi, Michigan 48375

DIRECT TELEPHONE CALLS TO:

Fulchand P. Shende or Jeffrey T. Gedeon

(248) 344-4422

WHEREAS, in consideration of value received, the undersigned sells and assigns to

Minebea Co., Ltd., a corporation of Japan, having a place of business at 4106-73, Oaza Miyota, Miyota-machi, Kitasaku-gun, Nagano Japan

respectively, its successors, assigns or nominees, hereinafter referred to as "Assignee", the entire right, title and interest in and to above-identified invention invented by the Assignor and as described in the United States Application Number or PCT International Application Number

U.S. Patent Application 14/546,342 filed electronically 18 November 2014

(Serial No. and filing date unknown at time of signing, however, Applicant's representative is specifically authorized to insert the relevant serial No. and filing date in the space above as soon as it becomes known)

and in and to all applications for patent for said invention in all countries, and all divisions, reissues, continuations and extensions of any of said applications, and all rights of priority resulting from the filing of any said applications; and Assignor authorizes and requests any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and Assignor agrees that on request and without further consideration, but at the expense of said Assignee, Assignor will communicate to said Assignee or its representatives any facts known to Assignor respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce a proper patent protection for said invention in all countries.

> **PATENT REEL: 034199 FRAME: 0346**

The undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

The undersigned hereby grants the law firm of Carrier Blackman & Associates, PC the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

In witness whereof, executed by the undersigned.

LEGAI	L NAME O	F SOLE OR	FIRST IN	IVENTO	OR: K	azuo TAKA	ADA	
Invento	or's Signatui	e: <u> </u>	anuo	Sa	kada	_Date: <i>O</i>	ct, 23	,2014
		Kosai-c	W					Japan
Mailing	g Address: <u>c</u>	/o Minebea (Co., Ltd., 4	1 106-73.	Oaza Miyo	ta, Miyota-r	nachi,	
City:	<u>Kitasaku-g</u>	un. Nagano.	State:	Zip:	***************************************	Country:	Japan	
■ Add	litional inve	ntors are bein	g named (on the _1	suppleme	ental sheet a	ttached he	reto.

PATENT REEL: 034199 FRAME: 0347

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

ADDITIONAL INVENTOR(S)

Supplemental Sheet Page 1 of 1.

LEGAL NAME OF Additional Joint Inventor, if any: Takayuki MATSUI

Invento	or's Signatu	ıre: Taka	yuki	mai	Tom	Date	::_ <i>0</i>	ct. 22.	20/4
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PATENT REEL: 034199 FRAME: 0348

RECORDED: 11/18/2014