01/12/2017 504176197

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4222875

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Keiichi KATAYAMA	01/10/2017

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:	15404746

CORRESPONDENCE DATA

Fax Number: (703)836-2787

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.

Phone: 703-836-6400 Email: email@oliff.com **Correspondent Name:** JAMES A. OLIFF Address Line 1: **OLIFF PLC**

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER: 173805		
NAME OF SUBMITTER:	JASMINE L. BARFIELD	
SIGNATURE: /Jasmine I. Barfield/ for James A. Oliff		
DATE SIGNED:	01/12/2017	
This document serves as an Oath/Declaration (37 CFR 1.63).		

Total Attachments: 2

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> **PATENT REEL: 040959 FRAME: 0790** 504176197

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)	Keiichi KATAYAMA	(2)		
(1-8)	Legal Name(s)	(3)		(4)		
	of Inventor(s)	(5)		(6)		
		(7)		(8)		
		the unde	deration of the sum of one dollar (\$ ersigned, the receipt and sufficiency and hereby does assign, transfer and	of which are hereby ack	l valuable consideration paid to each of nowledged, each undersigned agrees to	
(9)	Insert Name of Assignee	(9)	(9) MINEBEA CO., LTD.			
(10)	Insert Address of Assignee	(10)	4106-73 Oaza Miyota, Miyota-n	achi, Kitasaku-gun, Na	gano 389-0293, JAPAN	
(11)	Insert Identification	the entir inventio continua	e right, title and interest for the Uni n, and in all applications for patent	ted States of America as including any and all pro- issue application(s), and tranted on the invention	ovisional, non-provisional, divisional, all Letters Patent, extensions, reissues known as	
•	such as Title, Case Number, or Foreign Application Number		Japanese Patent Application 1	-		
		(Attor	ney Docket No. 173805		even date herewith or as	
(12)	Alternative	(12)	U.S. Application Number			
	Identification for		 -			
	filed applications	filed				
execut			e all papers necessary in connection		and/or patent for the invention and also	

- 2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patent for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.
- 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 binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF 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.

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.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	January . 10, 2017	Inventor Signature	Keiichi KATAYAMA Keiichi KATAYAMA	_ (SEAL)
Date		Inventor Signature	<u> </u>	_ (SEAL)
Date	·	Inventor Signature		_ (SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		_ (SEAL)
Date		Inventor Signature		_ (SEAL)
Date		Inventor Signature		_ (SEAL)
Date		Inventor Signature		_ (SEAL)
either,	This assignment should preferably be signed better it should be signed before at least two wit	pefore: (a) a Notary Publi nesses who also sign here	e if within the U.S.A. (b) a U.S. Consul if outside the	U.S.A. If
Date		Witness _		
Doto		Witness		