PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hayato Katsu	12/10/2009

RECEIVING PARTY DATA

Name:	Murata Manufacturing Co., Ltd.	
Street Address:	10-1, Higashikotari 1-chome	
City:	Nagaokakyo-Shi Kyoto-fu	
State/Country:	JAPAN	
Postal Code:	617-8555	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12636372

CORRESPONDENCE DATA

Fax Number: (212)277-6501

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 212--277-6500

Email: meilmane@dicksteinshapiro.com
Correspondent Name: DICKSTEIN SHAPIRO LLP

Address Line 1: 1633 Broadway

Address Line 4: NEW YORK, NEW YORK 10019

ATTORNEY DOCKET NUMBER: M1071.2181

NAME OF SUBMITTER: Edward A. Meilman

Total Attachments: 2

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> PATENT REEL: 023643 FRAME: 0768

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RECORDATION FORM COVER SHEET			
PATENTS ONLY			
To the Director of the U.S. Patent and Trademark Office: Please	record the attached documents or the new address(es) below.		
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)		
Hayato Katsu	Name: MURATA MANUFACTURING CO., LTD.		
	Internal Address:		
Additional name(s) of conveying party(ies) attached? Yes X No	Street Address:		
3. Nature of conveyance/Execution Date(s):	Murata Manufacturing Co., Ltd. 10-1, Higashikotari 1-chome		
Execution Date(s): December 10, 2009	Nagaokakyo-Shi Kyoto-fu		
X Assignment Merger Change of Name	617-8555 JAPAN		
Security Agreement Joint Research Agreement			
	City:		
Government Interest Assignment	State:		
Executive Order 9424, Confirmatory License	Country: Zip:		
Other	Additional name(s) & address(es) Yes X No attached?		
A. Patent Application No.(s) 12/636,372 Additional numbers attached?	B. Patent No.(s)		
Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:		
Name: Edward A. Meilman DICKSTEIN SHAPIRO LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00		
Internal Address: Atty. Dkt.: M1071.2181 Street Address: 1633 Broadway	Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)		
City: New York	8. Payment Information		
State: NY Zip: 10019-6708			
Phone Number: (212) 277-6520			
Fax Number: (212) 277-6501	Deposit Account Number 50-2215		
Email Address: MeilmanE@dicksteinshapiro.com	Authorized User Name meilmane@dicksteinshapiro.com		
9. Signature:			
/Edward A. Meilman/	December 11, 2009		
Signature	Date		
Edward A. Meilman - 24,735	Total number of pages including cover sheet, attachments, and documents: 2		

PATENT APPLICATION ASSIGNMENT SOLE OR JOINT INVENTORS EXECUTED OUTSIDE U.S.A.

FILE NO. M1071.2181

WHEREAS, I, Hayato Katsu, as assignor, has invented certain improvements in SEMICONDUCTOR CERAMIC MATERIAL for which an application for United States Letters Patent has been executed by me of even date herewith; and

WHEREAS, Murata Manufacturing Co., Ltd. (Corporation of Japan) address: 10-1, Higashikotari 1-chome, Nagaokakyo-shi, Kyoto-fu 617-8555, Japan, as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, as assignor, hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for myself and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee.

Date: 2009. 12. 10

RECORDED: 12/11/2009

Hayato Katsu

LEGALIZATION RECOMMENDED

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