

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
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<table border="1"> <tr> <td>Name:</td> <td>Murata Manufacturing Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>10-1 Higashikotari 1-chome</td> </tr> <tr> <td>City:</td> <td>Nagaokakyo-shi, Kyoto-fu</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>617-8555</td> </tr> </table>		Name:	Murata Manufacturing Co., Ltd.	Street Address:	10-1 Higashikotari 1-chome	City:	Nagaokakyo-shi, Kyoto-fu	State/Country:	JAPAN	Postal Code:	617-8555				
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CORRESPONDENCE DATA															
<p>Fax Number: 5713137421 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 571-313-7440 Email: mrhodes@kbiplaw.com Correspondent Name: Keating & Bennett LLP Address Line 1: 1800 Alexander Bell Dr. Address Line 2: Suite 200 Address Line 4: Reston, VIRGINIA 20191</p>															
ATTORNEY DOCKET NUMBER:	36856.2569														

NAME OF SUBMITTER:	Michelle Rhodes
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 2 source=36856-2569-PTO-20120928-Signed_Declaration-Assignment#page1.tif source=36856-2569-PTO-20120928-Signed_Declaration-Assignment#page2.tif	

Attorney Docket No. 36856.2569

COMBINED DECLARATION/ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION

Title	METAL BASE SUBSTRATE AND MANUFACTURING METHOD THEREOF
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As a below named INVENTOR/ASSIGNOR, I hereby declare that:

This declaration ☒ The attached application, oris directed to: ☐ United States application or PCT international application number _____
filed on _____

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

WHEREAS, Murata Manufacturing Co., Ltd.(hereinafter referred to as "ASSIGNEE") having places of business at: 10-1, Higashikotari 1-chome, Nagaokakyo-shi, Kyoto-fu Japan 617-8555, is desirous of acquiring the entire right, title, and interest in, to, and under said invention and any Letters Patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns, and transfers to ASSIGNEE the full and exclusive right, title, and interest to the said invention and all Letters Patent of the United States to be obtained therefore on said application or any continuation, division, renewal, substitute, or reissue thereof for the full term or terms for which the same may be granted; and all Letters Patent and applications therefore through the world, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property or other relevant International Treaties and Arrangements.

ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention, and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments, or affidavits required to apply for, obtain, maintain, and enforce said application, said invention, and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

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.

LEGAL NAME OF FIRST INVENTOR/ASSIGNOR

Inventor: Yoichi MORIYADate: September 25, 2012Signature: Yoichi Moriya

LEGAL NAME OF SECOND INVENTOR/ASSIGNOR

Inventor: Tsuyoshi KATSUBEDate: September 25, 2012Signature: Tsuyoshi Katsube

Katsube

PATENT

REEL: 029044 FRAME: 0696

LEGAL NAME OF THIRD INVENTOR/ASSIGNOR	
Inventor: <u>Yuki TAKEMORI</u>	Date: <u>September 26 2012</u>
Signature: <u>Yuki Takemori</u>	
LEGAL NAME OF FOURTH INVENTOR/ASSIGNOR	
Inventor: <u>Tetsuo KANAMORI</u>	Date: <u>September 26, 2012</u>
Signature: <u>Tetsuo Kanamori</u>	
LEGAL NAME OF FIFTH INVENTOR/ASSIGNOR	
Inventor: <u>Yasutaka SUGIMOTO</u>	Date: <u>September 26, 2012</u>
Signature: <u>Yasutaka Sugimoto</u>	
LEGAL NAME OF SIXTH INVENTOR/ASSIGNOR	
Inventor: <u>Takahiro TAKADA</u>	Date: <u>September 25, 2012</u>
Signature: <u>Takahiro Takada</u>	