

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yoshiko OKADA</td> <td>03/03/2010</td> </tr> <tr> <td>Osamu CHIKAGAWA</td> <td>03/08/2010</td> </tr> <tr> <td>Hidekiyo TAKAOKA</td> <td>03/04/2010</td> </tr> <tr> <td>Shodo TAKEI</td> <td>03/05/2010</td> </tr> </tbody> </table>		Name	Execution Date	Yoshiko OKADA	03/03/2010	Osamu CHIKAGAWA	03/08/2010	Hidekiyo TAKAOKA	03/04/2010	Shodo TAKEI	03/05/2010
Name	Execution Date										
Yoshiko OKADA	03/03/2010										
Osamu CHIKAGAWA	03/08/2010										
Hidekiyo TAKAOKA	03/04/2010										
Shodo TAKEI	03/05/2010										
RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">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
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											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12720745</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12720745						
Property Type	Number										
Application Number:	12720745										
CORRESPONDENCE DATA											
<p>Fax Number: (571)313-7421 <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:	36856.2019										
NAME OF SUBMITTER:	Michelle Rhodes										
Total Attachments: 2											

OP \$40.00 12720745

501114652

PATENT
REEL: 024056 FRAME: 0965

source=36856-2019-PTO-20100310-Assignment#page1.tif

source=36856-2019-PTO-20100310-Assignment#page2.tif

ASSIGNMENT (WORLDWIDE)

WHEREAS We, **Yoshiko OKADA, Osamu CHIKAGAWA, Hidekiyo TAKAOKA** and **Shodo TAKEI** hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled **CERAMIC MULTILAYER SUBSTRATE AND METHOD FOR PRODUCING THE SAME** for which application for Letters Patent of the United States has been

_____ executed on even date herewith;
X filed on 03/10/10 as Serial No. 12/720,745.

WHEREAS, **Murata Manufacturing Co., Ltd., 10-1, Higashikotari 1-chome, Nagaokakyo-shi, Kyoto-fu Japan 617-8555** (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;

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 therefor 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 therefor through the world, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property.

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.

Dated: March 3, 2010

Yoshiko OKADA
Yoshiko OKADA

Dated: March 8, 2010

Osamu Chikagawa
Osamu CHIKAGAWA

Dated: March 4, 2010

Hidekiyo TAKAOKA
Hidekiyo TAKAOKA

Dated: March 5, 2010

Shodo Takei
Shodo TAKEI