

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Akihiro MOTOKI</td> <td>03/23/2012</td> </tr> <tr> <td>Makoto OGAWA</td> <td>03/23/2012</td> </tr> <tr> <td>Atsuko SAITO</td> <td>03/28/2012</td> </tr> <tr> <td>Toshinobu FUJIWARA</td> <td>03/28/2012</td> </tr> <tr> <td>Kenji MASUKO</td> <td>03/30/2012</td> </tr> </tbody> </table>		Name	Execution Date	Akihiro MOTOKI	03/23/2012	Makoto OGAWA	03/23/2012	Atsuko SAITO	03/28/2012	Toshinobu FUJIWARA	03/28/2012	Kenji MASUKO	03/30/2012
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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													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13444925</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13444925								
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Application Number:	13444925												
CORRESPONDENCE DATA													
Fax Number:	(571)313-7421												
Phone:	571-313-7440												
Email:	mrhodes@kbiplaw.com												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	Keating & Bennett LLP												
Address Line 1:	1800 Alexander Bell Dr.												
Address Line 2:	Suite 200												
Address Line 4:	Reston, VIRGINIA 20191												
ATTORNEY DOCKET NUMBER:	36856.2425												
NAME OF SUBMITTER:	Michelle Rhodes												
Total Attachments: 2 source=36856-2425-PTO-20120403-Signed_Assignment#page1.tif source=36856-2425-PTO-20120403-Signed_Assignment#page2.tif													

OP \$40.00 13444925

PATENT

**ASSIGNMENT (WORLDWIDE)**

WHEREAS We, **Akihiro MOTOKI, Makoto OGAWA, Atsuko SAITO, Toshinobu FUJIWARA, and Kenji MASUKO** (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled **ELECTRONIC COMPONENT** for which application for Letters Patent of the United States has been

\_\_\_\_\_ executed on even date herewith;  
  x   filed on   04/12/12   as Serial No.   13/444,925  .

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 23, 2012     Akihiro Motoki    
**Akihiro MOTOKI**

Dated:   March 23, 2012     Makoto Ogawa    
**Makoto OGAWA**

Dated:   March 28, 2012     Atsuko Saito    
**Atsuko SAITO**

Dated: March 28, 2012

Toshinobu Fujiwara  
**Toshinobu FUJIWARA**

Dated: March 30, 2012

Kenji Masuko  
**Kenji MASUKO**