

PATENT ASSIGNMENT

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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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kenji NISHIYAMA</td> <td>11/21/2008</td> </tr> <tr> <td>Takeshi NAKAO</td> <td>11/21/2008</td> </tr> <tr> <td>Michio KADOTA</td> <td>11/25/2008</td> </tr> </tbody> </table>		Name	Execution Date	Kenji NISHIYAMA	11/21/2008	Takeshi NAKAO	11/21/2008	Michio KADOTA	11/25/2008
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Kenji NISHIYAMA	11/21/2008								
Takeshi NAKAO	11/21/2008								
Michio KADOTA	11/25/2008								
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" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12326235</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12326235				
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CORRESPONDENCE DATA									
Fax Number:	(571)313-7421								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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NAME OF SUBMITTER:	Maura Florimonte								
Total Attachments: 1 source=36856-1747-PTO-20081202-Assignment#page1.tif									

OP \$40.00 12326235

PATENT

500718522

REEL: 021911 FRAME: 0481

ASSIGNMENT (WORLDWIDE)

WHEREAS We, **Kenji NISHIYAMA, Takeshi NAKAO, and Michio KADOTA** (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled **SURFACE ACOUSTIC WAVE DEVICE** for which application for Letters Patent of the United States has been

_____ executed on even date herewith;
 filed on 12/02/08 as Serial No. 12/326,235.

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: 11/21/2008

Kenji Nishiyama
Kenji NISHIYAMA

Dated: 11/21/2008

Takeshi Nakao
Takeshi NAKAO

Dated: 11/25/2008

Michio Kadota
Michio KADOTA