

## PATENT ASSIGNMENT

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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>Michio KADOTA</td><td>11/14/2002</td></tr><tr><td>Takeshi NAKAO</td><td>11/14/2002</td></tr><tr><td>Masakazu MIMURA</td><td>11/14/2002</td></tr></tbody></table>		Name	Execution Date	Michio KADOTA	11/14/2002	Takeshi NAKAO	11/14/2002	Masakazu MIMURA	11/14/2002				
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RECEIVING PARTY DATA													
<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>Internal Address:</td><td>Nagaokakyo-shi</td></tr><tr><td>City:</td><td>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	Internal Address:	Nagaokakyo-shi	City:	Kyoto-fu	State/Country:	JAPAN	Postal Code:	617-8555
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number: (703)637-1499 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: (703)637-1480													
Email: acowan@kbiplaw.com													
Correspondent Name: Keating & Bennett LLP													
Address Line 1: 8180 Greensboro Drive													
Address Line 2: Suite 850													
Address Line 4: McLean, VIRGINIA 22102													
ATTORNEY DOCKET NUMBER:	36856.1390												
NAME OF SUBMITTER:	Danielle MacDonald												

CH 11268274 \$40.00

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PATENT  
REEL: 016931 FRAME: 0763



**ASSIGNMENT (WORLDWIDE)**

WHEREAS, We, **Michio KADOTA, Takeshi NAKAO, and Masakazu MIMURA** (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;  
x filed on October 12, 2002 as Serial No. 10/270,207.

WHEREAS, **Murata Manufacturing Co., Ltd., 26-10, Tenjin 2-chome, Nagaokakyo-shi, Kyoto-fu 617-8555 JAPAN** (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: Nov. 14, 2002

Michio Kadota  
**Michio KADOTA**

Dated: November 14, 2002

Takeshi Nakao  
**Takeshi NAKAO**

Dated: Nov. 14, 2002

Masakazu Mimura  
**Masakazu MIMURA**

**PATENT**