PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Michio KADOTA	11/14/2002
Takeshi NAKAO	11/14/2002
Masakazu MIMURA	11/14/2002

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

Property Type	Number
Application Number:	11329460

CORRESPONDENCE DATA

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Total Attachments: 1

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PATENT

REEL: 024198 FRAME: 0988

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Attorney Docket No.: 36856.966

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; filed on October 12, 2002 as Serial No. 10/270, 207 X

WHEREAS, Murata Manufacturing Co., Ltd., 26-10, Tenjin 2-chome, Nagaokakyoshi, 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

Dated: November 14, 2002 Takeshi Nakau

Takeshi NAKAO

Dated: Mr. 14, 2002 Masakazu MIMURA

RECORDED: 04/07/2010

RECORDED: 01/21/2003

PATENT REEL: 013677 FRAME: 0908

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REEL: 024198 FRAME: 0989