

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Hiroaki KAIDA	07/25/2008
Shungo KANAI	07/29/2008
Hitoshi SAKAGUCHI	07/30/2008
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Murata Manufacturing Co., Ltd.
<b>Street Address:</b>	10-1, Higashikotari 1-chome, qNagaokakyo-shi,
<b>City:</b>	Kyoto-fu
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	617-8555
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	12187965
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(212)277-6501
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	212--277-6500
Email:	kimt@dicksteinshapiro.com
Correspondent Name:	DICKSTEIN SHAPIRO LLP
Address Line 1:	1177 AVENUE OF THE AMERICAS (6TH AVENUE)
Address Line 4:	NEW YORK, NEW YORK 10036-2714
ATTORNEY DOCKET NUMBER:	M1074.0001
NAME OF SUBMITTER:	Taylor Kim
Total Attachments: 1 source=assignm10740001#page1.tif	

OP \$40.00 12187965

PATENT APPLICATION ASSIGNMENT  
 JOINT INVENTORS  
 EXECUTED OUTSIDE U.S.A.

FILE NO. M1074.0001

WHEREAS, We, Hiroaki KAIDA, Shungo KANAI and Hitoshi SAKAGUCHI, assignors, have invented certain improvements in PIEZOELECTRIC VIBRATOR for which an application for United States Letters Patent has been executed by us of even date herewith; and

WHEREAS, Murata Manufacturing Co., Ltd. having a place of business at: 10-1, Higashikotari 1-chome, Nagaokakyo-shi, Kyoto-fu 617-8555, Japan as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, We, as assignors, hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for ourselves and our legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee.

Date: 7/25/2008

Hiroaki Kaida

Hiroaki KAIDA

Date: 7/29/2008

Shungo Kanai

Shungo KANAI

Date: 7/30/2008

Hitoshi Sakaguchi

Hitoshi SAKAGUCHI

///LEGALIZATION RECOMMENDED

319302