



04/07/00

04-18-2000

71-948



PATENTS RECORDATIC

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To the Assistant Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

<b>1. Name of conveying party(ies):</b> Masahiko KIMURA Akira ANDO Takuya SAWADA Koichi HAYASHI  Type of Entity: Individual Additional names(s) of conveying party(ies) attached? No		<b>2. Name and Address of receiving party(ies):</b> Murata Manufacturing Co., Ltd. 26-10, Tenjin 2-chome, Nagaokakyo-shi Kyoto-fu 617-8555, Japan  Type of Entity: Corporation-Japan Additional name(s) & address(es) attached? No	
<b>3. Nature of Conveyance:</b> Assignment  Execution Date: February 8, 2000		<b>4. Application number(s) or patent number(s):</b> If this document is being filed together with a new application, the execution date of the application is:  A. Application No.(s) 09/499,220  B. Patent No.(s)	
Additional numbers attached? No			
<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b>  OSTROLENK, FABER, GERB & SOFFEN, LLP 1180 Avenue of the Americas New York, New York 10036-8403		<b>6. Total number of documents involved:</b> 1	
		<b>7. Total fee (37 CFR 3.41):</b> \$ 40.00	
		Enclosed as part of Check No. 093106  In the event the actual fee is greater than the payment submitted or is inadvertently not enclosed or if any additional fee due is not paid, the Patent and Trademark Office is authorized to charge the underpayment to Deposit Account No. 15-0700.	
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<b>8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</b>  Edward A. Meilman <i>Edward A. Meilman</i> April 7, 2000 Name of Person Signing      Signature      Date  Total number of pages including cover sheet, attachments, and document: 2			

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



OFGS FILE NO. P/1071-948

WHEREAS, We, Masahiko KIMURA, Akira ANDO, Takuya SAWADA and Koichi HAYASHI, as assignors, have invented certain improvements in PIEZOELECTRIC CERAMIC COMPOSITION AND PIEZOELECTRIC CERAMIC DEVICE USING THE SAME for which an application for United States Letters Patent has been executed by us of even date herewith; and

WHEREAS, Murata Manufacturing Co., Ltd., 26-10, Tenjin 2-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: February 8, 2000

Masahiko KIMURA  
Masahiko KIMURA

Date: Feb. 8, 2000

Akira ANDO  
Akira ANDO

Date: February 8, 2000

Takuya SAWADA  
Takuya SAWADA

Date: February 8, 2000

Koichi HAYASHI  
Koichi HAYASHI

LEGALIZATION RECOMMENDED

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RECORDED: 04/07/2000

PATENT  
REEL: 010693 FRAME: 0956