

03-30-2007

EET



To the Director of the U.S. Patent

103389121

ad documents or the new address(es) below.

1. Name of conveying party(ies):

Shinichiro Kawada (3/6/2007) and Katsuhiko
Horikawa (3/7/2007)Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

- ☒ Assignment ☐ Merger ☐ Change of Name
☐ Security Agreement ☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: MURATA MANUFACTURING CO., LTD.

Internal Address: _____

Street Address: _____

Murata Manufacturing Co., Ltd.
 10-1, Higashikotari 1-chome
 Nagaokakyo-shi
 Kyoto-Fu
 617-8555; JAPAN

City: _____

State: _____

Country: _____ Zip: _____

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

This application

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Edward A. Meilman
 DICKSTEIN SHAPIRO LLP

Internal Address: Atty. Dkt.: M1071.2014

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Email Address: MeilmanE@dicksteinshapiro.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 1001
 Expiration Date 01/11

b. Deposit Account Number _____
 Authorized User Name _____

9. Signature:

Edward A. Meilman
 Signature

March 15, 2007

Date

Edward A. Meilman - 24,735
 Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

03/19/2007 MBERHE 00000026 11723093

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

FILE NO. M1071.2014

WHEREAS, We, Shinichiro Kawada and Katsuhiro Horikawa assignors, have invented certain improvements in PIEZOELECTRIC CERAMIC COMPOSITION AND PIEZOELECTRIC CERAMIC ELECONTRONIC COMPONENT for which an application for United States Letters Patent has been executed by us of even date herewith; and

WHEREAS, Murata Manufacturing Co., Ltd. (Corporation of Japan) 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 assignor, 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: March 6, 2007

Shinichiro Kawada

Shinichiro KAWADA

Date: March 7, 2007

Katsuhiro HORIKAWA

Katsuhiro HORIKAWA

LEGALIZATION RECOMMENDED

236649.01