

P/1071-1230 101598629 PATENTS RECORDATION COVER SHEET To the Assistant Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof. 1. Name of conveying party(ies): 2. Name and Address of receiving party(ies): Makoto MIYAZAKI Murata Manufacturing Co., Ltd. Satoru TANAKA 26-10, Tenjin 2-chome Nagaokakyo-shi, Kyoto-fu 617-8555, Japan Type of Entity: Corporation-Japan Type of Entity: Individuals Additional names(s) of conveying party(ies) attached? No Additional name(s) & address(es) attached? No 3. Nature of Conveyance: Assignment **Execution Date:** December 12 & 14, 2000 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Application No.(s) B. Patent No.(s) 09/735,987 Additional numbers attached? No 5. Name and address of party to whom 6. Total number of documents involved: correspondence concerning document should be mailed: OSTROLENK, FABER, GERB & SOFFEN, LLP 7. Total fee (37 CFR 3.41): \$ 40.00 1180 Avenue of the Americas 002894 Enclosed as part of Check No. New York, New York 10036-8403 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. DO NOT USE THIS SPACE 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. Edward A. Meilman January 11, 2001 Name of Person Signing Total number of pages including cover sheet, attachments, and document: 01/22/2001 ETULU1 00000023 09735987 40.00 DP

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**PATENT** REEL: 011458 FRAME: 0410

WHEREAS, We, Makoto MIYAZAKI and Satoru TANAKA, as assignors, have invented certain improvements in MONOLITHIC CERAMIC ELECTRONIC COMPONENT AND PRODUCTION PROCESS THEREFOR, AND CERAMIC PASTE AND PRODUCTION PROCESS THEREFOR 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: December 12, 2000

Date: December 14, 2000

Makoto Miyagaki

Makoto MIYAZAKI

Satoru Janaka.

LEGALIZATION RECOMMENDED

PATENT REEL: 011458 FRAME: 0411

RECORDED: 01/16/2001