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ER SHEET

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

1. Name of conveying party(ies):

Nobushige MORIWAKI  
Shigeki NISHIYAMA

Type of Entity: Individuals

Additional names(s) of conveying party(ies) attached? No

2. Name and Address of receiving party(ies):

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

3. Nature of Conveyance:

Assignment

Execution Date: December 3, 1999

4. 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: December 3, 1999

A. Application No.(s)

B. Patent No.(s)

09/460049

Additional numbers attached? No

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

OSTROLENK, FABER, GERB & SOFFEN, LLP  
1180 Avenue of the Americas  
New York, New York 10036-8403

6. Total number of documents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

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Edward A. Meilman

Name of Person Signing

Signature

December 14, 1999

Date

Total number of pages including cover sheet, attachments, and document: 2

1999 U.S. PTO  
09/460049  
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12/29/1999 DALEXAND 00000051 09460049

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PATENT  
REEL: 010459 FRAME: 0811

WHEREAS, We, Nobushige MORIWAKI and Shigeki NISHIYAMA, as assignors, have invented certain improvements in ELECTRONIC 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., 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: Dec 3, 1999

Nobushige Moriwaki  
Nobushige MORIWAKI

Date: Dec 3 1999

Shigeki Nishiyama  
Shigeki NISHIYAMA

LEGALIZATION RECOMMENDED