

PATENTS R

101148148

Ltd.

Japan

EET

26-10, Tenjin 2-chome,

Corporation-Japan

Nagaokakyo-shi, Kyoto-fu

Additional name(s) & address(es) attached? NO

To the Honorable 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):

Toru KURISU; and Takashi IKEMOTO Murata Manufacturing Co.,

Individuals

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

3. Nature of conveyance:

Assignment

Execution Date: September 3, 1999 and

September 6, 1999

September 6, 1999

4. Application number(s) or patent number(s): U.S. Serial No.: 09/370,481, filed August 9, 1999. If this document is being filed together with a new application, the execution dates of the application are:

A. Application No.(s)

B. Patent No.(s)

Additional numbers attached? NO

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):

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September 13, 1999 Date

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PATENT REEL: 010230 FRAME: 0251 PATENT APPLICATION ASSIGNMENT -SOLE AND JOINT INVENTORS

OFGS FILE NO. P/1071-812

WHEREAS, we, Toru KURISU and Takashi IKEMOTO, have invented certain improvements in METHOD FOR REMOVING CONDUCTIVE PORTIONS for which an application for United States Letters Patent has been filed on August 9, 1999 and assigned U.S. Serial No. 09/370,481; and

WHEREAS, Murata Manufacturing Co., Ltd., having an office address at 26-10, Tenjin 2-chome, Nagaokakyo-shi, Kyoto-fu, 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, I, 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 myself and my 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.

September 3, 1999 -49 4 3 tk

Toru Kurisu

Takashi Ikemoto

Takashi IKEMOTO

September 6, 1999

RECORDED: 09/15/1999

00418844.1

PATENT REEL: 010230 FRAME: 0252