

4/19/02

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| <p>3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: _____</p> | |

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the new application is: April 4, 2002

A. Patent Application No.(s): _____ B. Patent No.(s): 10/119340

Additional numbers attached? Yes No

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| <p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Steven I. Weisburd DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP</u> Internal Address: <u>Atty. Dkt.: M1071.1715/0US0</u> Street Address: <u>1177 Avenue of the Americas 41st Floor</u> City: <u>New York</u> State: <u>NY</u> Zip: <u>10036-2714</u></p> | <p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: <u>04-1073</u> (Attach duplicate copy of this page if paying by deposit account)</p> |
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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.

Steven I. Weisburd [Signature] April 8, 2002
Name of Person Signing Signature Date

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

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I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 059554251 US, in an envelope addressed to: Box Patent Application, Commissioner for Patents, Washington, DC 20231, on the date shown below.

Dated: 4/19/02 Signature: [Signature] (Lucila Zamot)

PATENT REEL: 012792 FRAME: 0343

10/119340 04/09/02

WHEREAS, I, Katsuhito KURODA, as assignor, have invented certain improvements in DIELECTRIC FILTER, DIELECTRIC DUPLEXER, AND COMMUNICATIONS EQUIPMENT 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: April 4, 2002

Katsuhito Kuroda

Katsuhito KURODA

LEGALIZATION RECOMMENDED