

06-19-2001

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|   | Please record the attached original document or copy there   |
|---|--|
| Name of conveying party(ies):   | Name and Address of receiving party(ies):  |
| Takahiro Jodo   | Murata Manufacturing Co., Ltd.<br>Dept. A170<br>26-10 Tenjin 2-chome<br>Nagaokakyo-shi<br>Kyoto-fu 617-8555<br>Japan   |
| Type of Entity: Individual  | Type of Entity: Corporation-Japan  |
| Additional names(s) of conveying party(ies) attached? No  | Additional name(s) & address(es) attached? No  |
| 3. Nature of Conveyance:  |  |
| Assignment  | 1. 1. 1.   |
| Execution Date: April 11, 2001  | WW 6/13/0/   |
| 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execu  | ution date of the application is:  |
| A. Application No.(s)   | B. Patent No.(s)   |
| 09/798,712  |  |
|   |  |
| 5. Name and address of party to whom correspondence concerning document should be mailed:   | 6. Total number of documents involved: 1   |
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| 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  TBEDANUI 00000094 09798712  40.00 CP | 6. Total number of documents involved: 1  7. Total fee (37 CFR 3.41): \$ 40  Enclosed as part of Check No. 5020  In the event the actual fee is greater than the payment submittee inadvertently not enclosed or if any additional fee due is not paid Patent and Trademark Office is authorized to charge the under |

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**PATENT** REEL: 011891 FRAME: 0928 WHEREAS, I, <u>Takahiro JODO</u>, as assignor, have invented certain improvements in <u>NONRECIPROCAL CIRCUIT DEVICE AND COMMUNICATION DEVICE</u> for which an application for United States Letters Patent has been executed by me of said even date herewith; and

WHEREAS, <u>Murata Manufacturing Co., Ltd., Dept. Al70, 26-10, Tenjin 2-chome, Nagaokakyo-shi, Kyoto-fu 617-8555, Japan</u> 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.

| Date: | april 11, 2001 | Takahiro Jodo |
|-------|----------------|---------------|
|       |                | Takahiro Jodo |

LEGALIZATION RECOMMENDED

RECORDED: 06/13/2001

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PATENT REEL: 011891 FRAME: 0929