

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	<b>APPLICATION NUMBER</b> 10/707884			
NATURE OF CONVEYANCE:	ASSIGNMENT OF ASSIGNOR'S INTEREST				
CONVEYING PARTY DATA					
Name		Execution Date			
Munehiro Karasudani		2003-11-05			
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Niigata Seimitsu Co., Ltd.	5-13 Nishishiromachi 2-chome	Jyoetsu-Shi, Niigata	Niigata	JP	943-0834
PROPERTY NUMBERS Total: 1					
Property Type		Number			
Application Number		This application			
CORRESPONDENCE DATA					
FAX NUMBER: (202) 293-6229 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO. CUSTOMER NUMBER: 30678					
NAME OF PERSON SIGNING:		Larry J. Hume			
DATE SIGNED:		2004-01-20			
Total Attachments: 3 source=2204000028US-usassn-A000001.tif source=2204000028US-usassn-A000002.tif source=2204000028US-usassn-A000003.tif					

CH \$40.00 220185 10707884

## ASSIGNMENT BY INVENTORS

**THIS ASSIGNMENT**, made by Munehiro KARASUDANI, hereinafter referred to as Assignor(s), residing at c/o NIIGATA SEIMITSU CO., LTD. Shiba Daimon 116 Bldg. 7F., 16-3, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-0012 JAPAN;

**WHEREAS**, Assignor(s) has/have invented certain new and useful improvements in

MULTISTAGE AMPLIFIER AND INTEGRATED CIRCUIT, set forth in a

(check one):

- |                                     |  |
|-------------------------------------|--|
| <input type="checkbox"/>            | Non-Provisional U.S. Patent Application for Letters Patent of the United States,   |
| <input type="checkbox"/>            | U.S. National Stage Entry of International Application Serial No. _____,           |
| <input type="checkbox"/>            | Continuation of U.S. Patent Application Serial No. _____,                          |
| <input checked="" type="checkbox"/> | U.S. Continuation of International Application. Serial No. <u>PCT/JP02/06975</u> , |
| <input type="checkbox"/>            | Divisional of U.S. Patent Application Serial No. _____,                            |
| <input type="checkbox"/>            | Continuation-in-Part Application (CIP) of U.S. Application Ser. No. _____,         |

(check one):

- |                                     |                            |
|-------------------------------------|----------------------------|
| <input checked="" type="checkbox"/> | attached herewith;         |
| <input type="checkbox"/>            | previously filed on _____; |

and

**WHEREAS**, NIIGATA SEIMITSU CO., LTD., a corporation organized under and pursuant to the laws of Japan, having its principal place of business at 5-13, Nishishiromachi 2-chome, Jyoetsu-shi, Niigata 943-0834 JAPAN (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor(s) has/have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and

continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor(s), had this sale and assignment not been made.

**AND** for the same consideration, Assignor(s) hereby represent(s) and warrant(s) to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor(s) are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignor(s) hereby covenant(s) and agree(s) to and with Assignee, its successors, legal representatives and assigns, that Assignor(s) will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignor(s) hereby request(s) the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions

and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor(s) hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

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AND Assignor(s) acknowledge(s) an obligation of assignment of this invention to Assignee at the time the invention was made.

M. Parasudani

<First Inventor>

Date: November 5, 2003

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<Second Inventor>

Date: \_\_\_\_\_