

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Takeshi IKEDA</td> <td>12/04/2006</td> </tr> <tr> <td>Hiroshi MIYAGI</td> <td>12/04/2006</td> </tr> </tbody> </table>		Name	Execution Date	Takeshi IKEDA	12/04/2006	Hiroshi MIYAGI	12/04/2006
Name	Execution Date						
Takeshi IKEDA	12/04/2006						
Hiroshi MIYAGI	12/04/2006						
RECEIVING PARTY DATA							
Name:	Niigata Seimitsu Co., Ltd						
Street Address:	5-13, Nishishirocho 2-chome, Jyoetsu-shi						
City:	Niigata						
State/Country:	JAPAN						
Postal Code:	943-0834						
PROPERTY NUMBERS Total: 1							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11611026</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11611026		
Property Type	Number						
Application Number:	11611026						
CORRESPONDENCE DATA							
Fax Number:	(202)293-6229						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	22040-00062-US1						
NAME OF SUBMITTER:	Larry J. Hume						
Total Attachments: 3 source=22040-00062-US1_Assignment#page1.tif source=22040-00062-US1_Assignment#page2.tif source=22040-00062-US1_Assignment#page3.tif							

CH \$40.00 11611026

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Takeshi IKEDA and Hiroshi MIYAGI, hereinafter referred to as Assignor(s), residing at 5-6, Sanno 2-chome, Ohta-ku, Tokyo 143-0023 JAPAN and 1265-1, Shinyoshida-cho, Kohoku-ku, Yokohama-shi, Kanagawa 223-0056 JAPAN, respectively;

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

MODULATION OUTPUT DEVICE, set forth in a

(check one):

- Non-Provisional U.S. Patent Application for Letters Patent of the United States,
- U.S. National Stage Entry of International Application Serial No. _____.
- Continuation of U.S. Patent Application Serial No. PCT/JP2005/011570.
- U.S. Continuation of International Application. Serial No., _____.
- Divisional of U.S. Patent Application Serial No. _____.
- Continuation-in-Part Application (CIP) of U.S. Application Ser. No. _____.

(check one):

- attached herewith;
- 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, Nishishirocho 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:

CONNOLLY BOVE LODGE & HUTZ LLP,

All practitioners at Customer Number 30678.

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

Takeshi Ikeda
<First Inventor>

Date: 2006/12/4

H. Miyagawa
<Second Inventor>

Date: 2006/12/4