

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<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>Tetsuya Kawanishi</td> <td>02/12/2008</td> </tr> <tr> <td>Masayuki Izutsu</td> <td>02/15/2008</td> </tr> <tr> <td>Takahide Sakamoto</td> <td>02/14/2008</td> </tr> <tr> <td>Masahiro Tsuchiya</td> <td>02/12/2008</td> </tr> </tbody> </table>		Name	Execution Date	Tetsuya Kawanishi	02/12/2008	Masayuki Izutsu	02/15/2008	Takahide Sakamoto	02/14/2008	Masahiro Tsuchiya	02/12/2008
Name	Execution Date										
Tetsuya Kawanishi	02/12/2008										
Masayuki Izutsu	02/15/2008										
Takahide Sakamoto	02/14/2008										
Masahiro Tsuchiya	02/12/2008										
<b>RECEIVING PARTY DATA</b>											
<b>Name:</b>	National Institute of Information and Communications Technology										
<b>Street Address:</b>	4-2-1, Nukui-Kitamachi										
<b>Internal Address:</b>	Koganei-shi										
<b>City:</b>	Tokyo										
<b>State/Country:</b>	JAPAN										
<b>Postal Code:</b>	184-8795										
<b>PROPERTY NUMBERS Total: 1</b>											
<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>12064597</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12064597						
Property Type	Number										
Application Number:	12064597										
<b>CORRESPONDENCE DATA</b>											
<b>Fax Number:</b>	(212)681-0300										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
<b>Phone:</b>	2126810600										
<b>Email:</b>	mdennis@ocfblaw.com										
<b>Correspondent Name:</b>	Manette Dennis										
<b>Address Line 1:</b>	570 Lexington Avenue										
<b>Address Line 2:</b>	FL 17										
<b>Address Line 4:</b>	New York, NEW YORK 10022-6894										
<b>ATTORNEY DOCKET NUMBER:</b>	HIP-NICT-P2										
<b>NAME OF SUBMITTER:</b>	Manette Dennis										

CH \$40.00 12064597

Total Attachments: 2

source=P08-003USAssignment\_Signed#page1.tif

source=P08-003USAssignment\_Signed#page2.tif

HIP-NICT-P2/PO8-003US

ASSIGNMENT

We, **KAWANISHI, Tetsuya** having an address c/o Intellectual Property Management Group, National Institute of Information and Communications Technology 4-2-1, Nukui-Kitamachi, Koganei-shi, Tokyo 184-8795 Japan, a citizen of Japan, and

**IZUTSU, Masayuki** having an address c/o Intellectual Property Management Group, National Institute of Information and Communications Technology 4-2-1, Nukui-Kitamachi, Koganei-shi, Tokyo 184-8795 Japan, a citizen of Japan, and

**SAKAMOTO, Takahide** having an address c/o Intellectual Property Management Group, National Institute of Information and Communications Technology 4-2-1, Nukui-Kitamachi, Koganei-shi, Tokyo 184-8795 Japan, a citizen of Japan, and

**TSUCHIYA, Masahiro** having an address c/o Intellectual Property Management Group, National Institute of Information and Communications Technology 4-2-1, Nukui-Kitamachi, Koganei-shi, Tokyo 184-8795 Japan, a citizen of Japan,

for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign jointly to

**NATIONAL INSTITUTE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY** (assignee), an incorporated administrative agency of Japan, having a place of business at 4-2-1, Nukui-Kitamachi, Koganei-shi, Tokyo 184-8795 Japan,

its successors, assigns and legal representatives, the entire right, title and interest in the United States in and to all subject matter invented by us and disclosed in the U.S. patent application, entitled

**OPTICAL FSK/SSB MODULATOR HAVING INTENSITY BALANCE FUNCTION**

which is the U.S. national patent application, based on International Application No. PCT/JP2006/316504, filed August 23, 2006, and in and to all applications for Letters Patent, and all Convention and Treaty rights of all kinds, in the United States, for all such subject matter, 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. We, for ourselves and our legal representative, heirs and assigns, agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patents on said inventions and all assignments thereof to NATIONAL INSTITUTE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY or its assigns, to communicate to assignees 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 said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally

HIP-NICT-P2/PO8-003US

everything necessary to assist assignees, its successors, assigns and nominees to obtain patent protection for said invention in the United States, the expenses incident to said applications and patent to be borne and paid by assignee.

Executed: February 12, 2008

  
KAWANISHI, Tetsuya

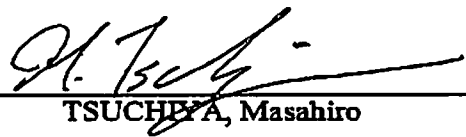
Executed: February 15, 2008

  
IZUTSU, Masayuki

Executed: February 14, 2008

  
SAKAMOTO, Takahide

Executed: February 12, 2008

  
TSUCHIYA, Masahiro