

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Fuminori Tanaka</td> <td>05/09/2012</td> </tr> <tr> <td>Ryusuke Horibe</td> <td>05/08/2012</td> </tr> <tr> <td>Shuji Umeda</td> <td>05/11/2012</td> </tr> <tr> <td>Takeshi Inoda</td> <td>05/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	Fuminori Tanaka	05/09/2012	Ryusuke Horibe	05/08/2012	Shuji Umeda	05/11/2012	Takeshi Inoda	05/09/2012
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<table border="1"> <tr> <td>Name:</td> <td>Funai Electric Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>7-7-1 Nakagaito, Daito-shi</td> </tr> <tr> <td>City:</td> <td>Osaka</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>574-0013</td> </tr> </table>		Name:	Funai Electric Co., Ltd.	Street Address:	7-7-1 Nakagaito, Daito-shi	City:	Osaka	State/Country:	JAPAN	Postal Code:	574-0013
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CORRESPONDENCE DATA											
Fax Number:	(212)336-8001										
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
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Address Line 4:	NEW YORK, NEW YORK 10016										
ATTORNEY DOCKET NUMBER:	35968-0029										
NAME OF SUBMITTER:	Marion P. Metelski										
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif											

CH \$40.00 13518515

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of good and valuable consideration, the receipt of which is hereby acknowledged,

ASSIGNOR:

Full Name of Inventor: Fuminori TANAKA
Residence: Osaka, Japan
Citizenship: Japan

Full Name of Inventor: Ryusuke HORIBE
Residence: Osaka, Japan
Citizenship: Japan

Full Name of Inventor: Shuji UMEDA
Residence: Osaka, Japan
Citizenship: Japan

Full Name of Inventor: Takeshi INODA
Residence: Osaka, Japan
Citizenship: Japan

hereby sells, assigns, and transfers to ASSIGNEE:

FUNAI ELECTRIC CO., LTD.

a corporation organized and existing under the laws of Japan, and the successors, assigns, and legal representatives of the ASSIGNEE, the entire right, title, and interest for the United States and its territorial possessions, and in all foreign countries and regions, including all rights to claim priority, in and to the invention entitled:

MICROPHONE UNIT AND VOICE INPUT DEVICE COMPRISING SAME

that was invented by ASSIGNOR, and for which a U.S. Application for U.S. Letters Patent is being filed herewith as a U.S. national stage application of International Application No. PCT/JP2010/073116, and any legal equivalent thereof in any foreign country or region, including the right to claim priority, including any and all improvements disclosed therein, and in and to all Letters Patent to be obtained for said invention by the above application, or any continuation,

divisional, renewal, or substitute thereof, and, as to Letters Patent, any reissue or reexamination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been, or will be, made or entered into which would conflict with this Assignment.

ASSIGNOR authorizes ASSIGNEE to make applications for, and to receive, Letters Patent for said invention in any of said countries or regions, in ASSIGNEE'S name, or in ASSIGNOR'S name, at ASSIGNEE'S election.

ASSIGNOR covenants and agrees to execute or procure any further necessary assurance of the title to said invention, and any Letters Patent which may issue therefore, and to, at any time, upon the request and at the expense of ASSIGNEE, deliver any testimony in any interference, litigation, or proceeding related thereto, and to execute all papers that may be necessary or desirable to perfect the title to said invention, or any Letters Patent which may be granted therefore in ASSIGNEE, its successors, assigns, or other legal representatives, and to, at any time, upon the request and at the expense of ASSIGNEE, execute any continuation, continuation-in-part, divisional, renewal, or substitute thereof, and, as to Letters Patent, any reissue or reexamination thereof, or any other additional applications for Letters Patent for said invention or any part thereof, in any of said countries or regions, all of which applications and any Letters Patent issuing thereon are hereby assigned to ASSIGNEE, will make all rightful oaths or declarations, and do all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of ASSIGNEE, its successors, assigns, or other legal representatives.

ASSIGNOR authorizes and requests the Commissioner of Patents to issue any and all Letters Patent of the United States of America for said invention, resulting from the aforesaid application, to FUNAI ELECTRIC CO., LTD., as its ASSIGNEE.

WITNESS my hand and seal on:

Fuminori TANAKA
Fuminori TANAKA

May 4, 2012
Date

Ryusuke HORIBE
Ryusuke HORIBE

May 8, 2012
Date

Shuji Umeda
Shuji UMEDA

May 11, 2012
Date

Takeshi INODA
Takeshi INODA

May 9, 2012
Date