

PATENT ASSIGNMENT

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Stylesheet Version v1.1

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>Ryusuke Horibe</td> <td>06/01/2012</td> </tr> <tr> <td>Tomohiro Taniguchi</td> <td>05/31/2012</td> </tr> <tr> <td>Fuminori Tanaka</td> <td>05/31/2012</td> </tr> <tr> <td>Takeshi Inoda</td> <td>05/31/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ryusuke Horibe	06/01/2012	Tomohiro Taniguchi	05/31/2012	Fuminori Tanaka	05/31/2012	Takeshi Inoda	05/31/2012
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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											
<p>Fax Number: (212)336-8001</p> <p>Phone: 212-336-8000</p> <p>Email: PTODOCKET@ARELAW.COM</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: AMSTER, ROTHSTEIN & EBENSTEIN LLP</p> <p>Address Line 1: 90 PARK AVENUE</p> <p>Address Line 4: NEW YORK, NEW YORK 10016</p>											
ATTORNEY DOCKET NUMBER:	35968-0032										
NAME OF SUBMITTER:	Marion P. Metelski										
<p>Total Attachments: 3</p> <p>source=Assignment#page1.tif</p> <p>source=Assignment#page2.tif</p> <p>source=Assignment#page3.tif</p>											

CH \$40.00 13530824

ASSIGNMENT OF INVENTION

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

ASSIGNORS:

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

Full Name of Inventor: Tomohiro TANIGUCHI
Residence: Osaka, Japan
Citizenship: Japan

Full Name of Inventor: Fuminori TANAKA
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 SPEECH INPUT DEVICE PROVIDED WITH SAME

that was invented by ASSIGNORS, and for which a U.S. Application for U.S. Letters Patent is being filed herewith and which is found in Japanese Patent Applications No. JP 2011-141073 filed June 24, 2011, and JP 2011-152212 filed July 8, 2011 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.

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

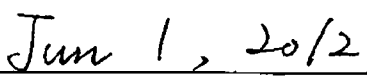
ASSIGNORS authorize ASSIGNEE to make applications for, and to receive, Letters Patent for said invention in any of said countries or regions, in ASSIGNEE'S name, or in ASSIGNORS' names, at ASSIGNEE'S election.

ASSIGNORS covenant and agree 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.

ASSIGNORS authorize and request 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:


Ryusuke HORIBE


Date

Tomohiro Taniguchi
Tomohiro TANIGUCHI

May 31, 2012
Date

Fuminori TANAKA
Fuminori TANAKA

May 31, 2012
Date

Takeshi INODA
Takeshi INODA

May 31, 2012.
Date