

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MASANORI TSUJIKAWA	02/20/2014
SATOSHI TSUKADA	02/21/2014
EIJI TAKADA	02/28/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NEC CORPORATION
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<b>City:</b>	MINATO-KU, TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	108-8001
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14354840
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	Q210945
<b>NAME OF SUBMITTER:</b>	BYRON F. GALVEZ, NEW APPS SPEC
<b>SIGNATURE:</b>	/Byron F. Galvez/
<b>DATE SIGNED:</b>	04/29/2014
<b>Total Attachments: 1</b>	
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## Assignment

Whereas, I/We, Masanori TSUJIKAWA, Satoshi TSUKADA and Eiji TAKADA of Minato-ku, Tokyo, Japan hereinafter called assignor(s), have invented certain improvements in

VOICE INPUT/OUTPUT DEVICE, METHOD AND PROGRAMME FOR PREVENTING HOWLING

and executed an application for Letters Patent of the United States of America therefor on February 20, 2014; and

Whereas, NEC Corporation of 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001, Japan (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number PCT/JP2012/006985 and Confirmation number \_\_\_\_\_, filed October 31, 2012) the application number and filing date of said application when known.

Date: February 20, 2014 Masanori Tsujikawa  
s/ Masanori TSUJIKAWA

Date: February 21, 2014 Satoshi Tsukada  
s/ Satoshi TSUKADA

Date: February 28, 2014 Eiji Takada  
s/ Eiji TAKADA

Date: \_\_\_\_\_  
s/

Date: \_\_\_\_\_  
s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

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