

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Chikara TANIKAWA	06/08/2012
RECEIVING PARTY DATA	
Name:	NEC CORPORATION
Street Address:	7-1, Shiba 5-chome, Minato-ku
City:	Tokyo
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13520738
CORRESPONDENCE DATA	
Fax Number:	(202)293-7860
Phone:	202-293-7060
Email:	Ryoichi.Harada@necam.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	NEC Intellectual Property Center America
Address Line 1:	2100 Pennsylvania Ave, NW
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20037-3213
ATTORNEY DOCKET NUMBER:	J-12-0055
NAME OF SUBMITTER:	Ryoichi Harada
Total Attachments: 1 source=Assignment#page1.tif	

OP \$40.00 13520738

## Assignment

Whereas, I/We, CHIKARA TANIKAWA of  
Tokyo, Japan

hereinafter called assignors, have invented certain improvements in  
BANDWIDTH GUARANTEED SYSTEM, RADIO NODE DEVICE AND BANDWIDTH GUARANTEERING  
METHOD

and executed an application for Letters Patent of the United States of America therefor on  
June 8, 2012; and

Whereas, NEC Corporation  
7-1, Shiba 5-chome, Minato-ku,  
Tokyo, 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 all divisions, and  
continuations thereof, and all Letters Patent of the United States that may be granted thereon, and  
all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and I/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 I/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 under U.S.P.T.O. Customer Number  
71799 to insert here in parentheses (Application number \_\_\_\_\_ and  
Confirmation number \_\_\_\_\_, filed  
\_\_\_\_\_) the application number and filing date of said application  
when known.

Date: June 8, 2012

Chikara Tanikawa   
s/ CHIKARA TANIKAWA

Date: \_\_\_\_\_

s/

Date: \_\_\_\_\_

s/

Date: \_\_\_\_\_

s/

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