

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Boon Loong NG	01/05/2012
RECEIVING PARTY DATA	
Name:	NEC Corporation
Street Address:	7-1, Shiba 5-chome
City:	Minato-ku, Tokyo
State/Country:	JAPAN
Postal Code:	108-8001
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13389828
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Correspondent Name:	SUGHRUE MION, PLLC
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Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20037
ATTORNEY DOCKET NUMBER:	Q128748
NAME OF SUBMITTER:	Perri Michael, New Applic. Specialist
Total Attachments: 1 source=ASSIGNMENT_AS_FILED#page1.tif	

OP \$40.00 13389828

Assignment

Whereas, I/We, Boon Loong NG
of Victoria, Australia
hereinafter called assignor(s), have invented certain improvements in
METHOD FOR DETECTING A DOWNLINK CONTROL STRUCTURE FOR
CARRIER AGGREGATION
and executed an application for Letters Patent of the United States of America therefor on
January 5, 2012; and

Whereas,

NEC Corporation

7-1, Shiba 5-chome, Minato-ku,

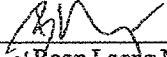
Tokyo 108-8001, Japan

(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 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 SUGHRUE MION, PLLC of 2100
Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses
(Application number 13/389,828 and Confirmation number
5937, filed 02/10/2012) the application
number and filing date of said application when known.

Date: January 5, 2012 
s/ Boon Loong NG

Date:

s/

Date:

s/

Date:

s/

Date:

s/

Date:

s/

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