

## 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>
SURESH GANAPATHY	12/19/2012
JAGDEEP SINGH AHLUWALIA	12/19/2012
NEERAJ GUPTA	12/19/2012
KENJI KAWAGUCHI	12/19/2012
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14358023
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<b>ATTORNEY DOCKET NUMBER:</b>	ASP.158
<b>NAME OF SUBMITTER:</b>	SEAN M.MCGINN
<b>SIGNATURE:</b>	/Sean M.McGinn/
<b>DATE SIGNED:</b>	05/14/2014
<b>Total Attachments: 2</b>	
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source=ASP.158#page2.tif	

**ASSIGNMENT OF APPLICATION FOR PATENT**

*WHEREAS*

NAME AND ADDRESS  
OF ASSIGNOR

Suresh GANAPATHY, Jagdeep Singh AHLUWALIA, Neeraj GUPTA  
and Kenji KAWAGUCHI of

c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo  
108-8001, Japan

(HEREINAFTER REFERRED TO AS ASSIGNOR), have invented  
and own a certain new and useful invention entitled:

TITLE OF INVENTION:

COMMUNICATION SYSTEM

(based on PCT/JP2012/080250 filed on November 15, 2012)

*WHEREAS*

FULL NAME AND ADDRESS  
OF ASSIGNEE

NEC Corporation  
7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001, Japan

(hereinafter referred to as ASSIGNEE), is desirous of acquiring  
the entire right, title, and interest in, to and under said  
invention and the United States Letters Patent to be obtained  
therefor:

*NOW THEREFORE, TO ALL WHOM IT MAY CONCERN:* Be  
it known that in consideration of the payment of ASSIGNEE to  
ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of  
which is hereby acknowledged, and for other good and valuable  
consideration, ASSIGNOR, by these presents, hereby sells,  
assigns and transfers to ASSIGNEE the entire and exclusive  
right, title and interest to said invention and all Letters Patent  
of the United States to be obtained therefor on said application  
or any continuation, division, renewal, substitute or reissue  
thereof for the full term or terms for which the same may be  
granted.

ASSIGNOR hereby authorizes and requests the Commissioner  
of Patents and Trademarks to issue said Letters Patent of the  
United States Patent obtained therefor on said application or any  
(Assignment of Application for Patent -- page 1 of 2)

continuation, division, renewal, substitute or reissue thereof for the full term or terms to said ASSIGNEE, of the entire right, title, and interest in and to the same, for his sole use and behoof, and for the use and behoof of his legal representatives, to the full end of the term or terms for which said Letters Patent obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for may be granted, as full and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

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 and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

DATE OF SIGNING

IN WITNESS WHEREOF, I/We have hereunto set

hand and seal this 19th day of DECEMBER, 2012.

SIGNATURE

By: G. Suresh  
Suresh GANAPATHY

SIGNATURE

By: Jagdeep Singh  
Jagdeep Singh AHLUWALIA

SIGNATURE

By: Neeraj Gupta  
Neeraj GUPTA

SIGNATURE

By: Kenji Kawaguchi  
Kenji KAWAGUCHI

SIGNATURE

By: \_\_\_\_\_

SIGNATURE

By: \_\_\_\_\_

WITNESSES

R. R.  
A. Hancock

(Assignment of Application for Patent -- page 2 of 2)