

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3490381

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:	Corrective Assignment to correct the CORRECTIVE ASSIGNMENT TO RE-RECORD ASSIGNMENT PREVIOUSLY RECORDED UNDER REEL 034090 AND FRAME 0521 previously recorded on Reel 034090 Frame 0521. Assignor(s) hereby confirms the ADDING MISSING INVENTOR YASUHIRO WATANABE.	
CONVEYING PARTY DATA		
	Name	Execution Date
	YASUHIRO WATANABE	12/18/2013
RECEIVING PARTY DATA		
Name:	NEC CORPORATION	
Street Address:	7-1, SHIBA 5-CHOME	
Internal Address:	MINATO-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	108-8001	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14343353
CORRESPONDENCE DATA		
Fax Number:	(202)663-6363	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Phone:	2026636000	
Email:	wh-nec@wilmerhale.com	
Correspondent Name:	GRANT K. ROWAN	
Address Line 1:	WILMER HALE, LLP	
Address Line 2:	1875 PENNSYLVANIA AVENUE, NW	
Address Line 4:	WASHINGTON, D.C. 20006	
ATTORNEY DOCKET NUMBER:	2209526.00151US1	
NAME OF SUBMITTER:	RAQUEL AMBERS	
SIGNATURE:	/Raquel Ambers/	
DATE SIGNED:	08/19/2015	
Total Attachments: 6		
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APPLICATION NUMBER: 14343353
PATENT NUMBER:
TITLE: COMMUNICATION SYSTEM

FILING DATE: 03/06/2014
ISSUE DATE:

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, by Yusuke MIYAGAWA, Takayuki KIDO, Takuo AKIMOTO, Osamu KUROKAWA and Yuki NAKANISHI (hereinafter referred to as Assignors), residing at c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 Japan; and Yasuhiro WATANABE; (hereinafter referred to as Assignors), residing at c/o NEC Communication Systems, Ltd., 4-28, Mita 1-chome, Minato-ku, Tokyo 108-0073 Japan;

WHEREAS, Assignors have invented certain new and useful improvements in Communication System

set forth in a Patent application for Letters Patent of the United States, already filed on March 6, 2014 as U.S. Application No. 14/343353; and

WHEREAS, NEC Corporation, having its principal place of business at 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 and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

All practitioners at Customer Number 24395

AND Assignors acknowledge an obligation of assignment of this invention to
Assignee at the time the invention was made.

Yusuke Miyagawa

Yusuke MIYAGAWA

Date: December 18, 2013

Takayuki Kido

Takayuki KIDO

Date: December 18, 2013

Takuo Akimoto

Takuo AKIMOTO

Date: December 18, 2013

Osamu Kurokawa

Osamu KUROKAWA

Date: December 18, 2013

Yuki Nakanishi

Yuki NAKANISHI

Date: December 18, 2013

Yasuhiro Watanabe

Yasuhiro WATANABE

Date: December 18, 2013

Witnessed by:



Date: December 18, 2013