

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Verizon Services Corp.	01/22/2013
RECEIVING PARTY DATA	
Name:	Verizon Patent and Licensing Inc.
Street Address:	One Verizon Way
City:	Basking Ridge
State/Country:	NEW JERSEY
Postal Code:	07920
PROPERTY NUMBERS Total: 2	
Property Type	Number
Patent Number:	7447983
PCT Number:	US2006018215
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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NAME OF SUBMITTER:	Joseph R. Palmieri
Total Attachments: 3 source=ASSIGNMENT VSC TO VPLI001#page1.tif source=ASSIGNMENT VSC TO VPLI001#page2.tif source=ASSIGNMENT VSC TO VPLI001#page3.tif	

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ASSIGNMENT

This ASSIGNMENT is effective as of January 22, 2013 between Verizon Services Corp., a corporation existing under the laws of Delaware and having an office located at 1320 North Court House Road, Arlington, Virginia 22201 (hereinafter "ASSIGNOR"), and Verizon Patent and Licensing Inc., a corporation existing under the laws of Delaware and having an office located at One Verizon Way, Basking Ridge, NJ 07920 (hereinafter "ASSIGNEE").

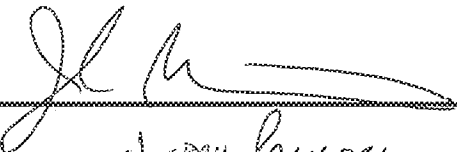
WHEREAS, ASSIGNEE is desirous of acquiring ownership of the United States and/or foreign Letters Patent and Applications for Letters Patent identified in Schedule A, as well as any legal equivalents and counterparts thereof in all countries or jurisdictions worldwide (whether listed on Schedule A or not), and the inventions disclosed therein (all hereinafter referred to as the "Patent Assets").

WHEREAS, ASSIGNOR is desirous of granting to ASSIGNEE its ownership of the aforesaid Patent Assets.

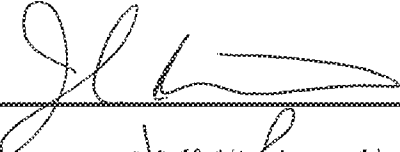
NOW, THEREFORE, in consideration of the premises and the mutual covenants set forth herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by ASSIGNOR and ASSIGNEE, and subject to any rights and licenses under the Patent Assets granted to third parties on or before the effective date hereof, ASSIGNOR does hereby assign unto ASSIGNEE (a) all worldwide right, title and interest of ASSIGNOR in and to the Patent Assets (subject, however, to applicable patent laws in the respective countries or jurisdictions issuing such Patent Assets), the right to claim priority therefrom, and in and to all additional Letters Patent worldwide to be obtained from such Patent Assets and from any future applications, continuations, divisions, renewals, extensions, substitutes, reissues or re-examinations which claim priority therefrom, each and all to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the terms for which any such Letters Patent are granted, plus any extensions, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment not been made; and (b) all claims for past and future infringements of said Patent Assets, with the right to sue for and obtain all remedies for such infringements (including past and future damages and equitable relief) for its own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives.

ASSIGNOR authorizes and requests the United States Commissioner of Patents and Trademarks (or similar official) to issue any and all United States Letters Patent resulting from the Patent Assets or any divisions, reissues, continuations, renewals, extensions, substitutes or re-examinations thereof to ASSIGNEE as assignee of ASSIGNOR's interest therein. ASSIGNOR further appoints ASSIGNEE as ASSIGNOR's attorney-in-fact (such appointment being irrevocable and coupled with the interest in the Patent Assets), with full authority in the place and stead of ASSIGNOR and in the name of ASSIGNOR from time to time to take any action and to execute any document which ASSIGNEE may deem reasonably necessary or advisable to accomplish the purposes of this ASSIGNMENT, including the execution and filing of confirmatory assignments, powers of attorney, declarations of transfer, or other documents relative to any of the Patent Assets in the name of ASSIGNOR where permitted by law.

Verizon Services Corp.


Name: JOSEPH PAWLOSKI
Title: ASSISTANT SECRETARY

Verizon Patent and Licensing Inc.


Name: JOSEPH PAWLOSKI
Title: VICE PRESIDENT

SCHEDULE A

VZ ref	COUNTRY	APPLICATION NO	FILING DATE	PATENTNO	TITLE
04-1520	IN	8627/DELNP/2007	5/11/2006		Systems and methods for decoding forward error correcting codes
04-1520	KR	10-2007-7026393	5/11/2006	10-1004573	Systems and methods for decoding forward error correcting codes
04-1520	JP	2008-511354	5/11/2006	5065254	Systems and methods for decoding forward error correcting codes
04-1520	EP	06770218.3	5/11/2006		Systems and methods for decoding forward error correcting codes
04-1520	CA	2607088	5/11/2006		Systems and methods for decoding forward error correcting codes
04-1520	CN	200680016541.7	5/11/2006	101176263B	Systems and methods for decoding forward error correcting codes
04-1520	US	11128986	5/13/2005	7447983	Systems and methods for decoding forward error correcting codes
04-1520	WO	PCT/US2006/018215	5/11/2006		Systems and methods for decoding forward error correcting codes