

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Verizon Services Corp.	07/15/2011

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: 18

Property Type	Number
Patent Number:	7317754
Application Number:	11961018
Patent Number:	6694005
Patent Number:	5696809
Patent Number:	5708702
Patent Number:	5802145
Patent Number:	5793839
Patent Number:	5790548
Patent Number:	6101182
Patent Number:	6452925
Patent Number:	5534912
Patent Number:	5812786
Patent Number:	6246695
Patent Number:	6424636
Patent Number:	5339352

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**PATENT
 REEL: 026608 FRAME: 0265**

Patent Number:	6035029
Patent Number:	6317493
Patent Number:	6453033

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	VPLI
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NAME OF SUBMITTER:	Joseph R. Palmieri
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Total Attachments: 3
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ASSIGNMENT

This ASSIGNMENT is effective as of July 15, 2011, 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").

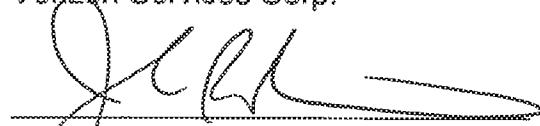
WHEREAS, ASSIGNOR is desirous of granting to ASSIGNEE its ownership of the aforesaid Patent Assets.

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.

Verizon Services Corp.

By:



Name:

Joseph R. Palmieri

Title:

Assistant Secretary

SCHEDULE A

VZ Docket	Country	Appl. Number	File Date	Pat. Number	Application Title
02-1514	US	10/755,423	Jan 12, 2004	7317754	Rate agile rate-adaptive digital subscriber line
02-1514C1	US	11/961,018	Dec 20, 2007	N/A	Rate agile rate-adaptive digital subscriber line
VE0317	US	09/309,514	May 11, 1999	6694005	Remote telephone number routing inventory
VE0423	US	08/493,472	June 22, 1995	5696809	Advanced intelligent network based computer architecture for concurrent delivery of voice and text data using failure management system
VE0441	US	08/508,507	July 28, 1995	5708702	Dynamic STP routing in response to triggering
VE0610	US	08/510,931	Aug 3, 1995	5802145	Common channel signaling event detection and control
VE0610A	US	08/547,178	Oct 24, 1995	5793839	Common channel signaling event detection and control
VE0709	US	08/634,544	Apr 18, 1996	5790548	Universal access multimedia data network
VE0709A	US	08/978,621	Nov 25, 1997	6101182	Universal access multimedia data network
VE0709B	US	09/604,265	June 26, 2000	6452925	Universal access multimedia data network
VE0711	US	08/233,579	Apr 26, 1994	5534912	Extended range video on demand distribution system
VE0752	US	08/494,082	June 21, 1995	5812786	Variable rate and variable mode transmission system
VE0752A	US	09/090,421	June 4, 1998	6246695	Variable rate and variable mode transmission system
VE0752B	US	09/562,674	May 1, 2000	6424636	Variable rate and variable mode transmission system
VE1805	US	07/953,675	Oct 1, 1992	5339352	Directory assistance call completion via mobile systems
VE2403A	US	09/138,408	Aug 24, 1998	6035029	System and method for subscriber line service control
VE2403B	US	09/138,407	Aug 24, 1998	6317493	Automated system and method for subscriber line service control
VE2403BCON	US	09/909,785	July 23, 2001	6453033	Automated system and method for subscriber line service control