

PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Verizon Corporate Services Group Inc.	03/01/2009
RECEIVING PARTY DATA	
Name:	Verizon Patent and Licensing Inc.
Street Address:	One Verizon Way
City:	Basking Ridge
State/Country:	NEW JERSEY
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PROPERTY NUMBERS Total: 1	
Property Type	Number
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Total Attachments: 5 source=20080007D1_VCSG_to_VPLI_Assignment_0021_0204DIV1#page1.tif source=20080007D1_VCSG_to_VPLI_Assignment_0021_0204DIV1#page2.tif source=20080007D1_VCSG_to_VPLI_Assignment_0021_0204DIV1#page3.tif source=20080007D1_VCSG_to_VPLI_Assignment_0021_0204DIV1#page4.tif source=20080007D1_VCSG_to_VPLI_Assignment_0021_0204DIV1#page5.tif	

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ASSIGNMENT

This ASSIGNMENT is effective as of March 1, 2009 between Verizon Corporate Services Group Inc., a corporation existing under the laws of New York and having an office located at One Verizon Way, Basking Ridge, New Jersey 07920 (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, New Jersey 07920 (hereinafter "ASSIGNEE").

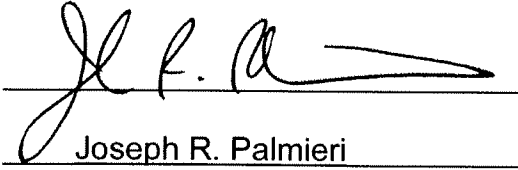
WHEREAS, ASSIGNEE is desirous of acquiring ownership of the United States and/or foreign Letters Patent and Applications for Letters Patent identified in Schedule A, and the inventions disclosed therein (hereinafter, the "Patent Assets").

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, any legal equivalents and counterparts thereof in all countries (subject, however, to applicable patent laws in such countries), 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 Corporate Services Group Inc.

By: 
Name: Joseph R. Palmieri
Title: Assistant Secretary

SCHEDULE A

VZ Docket	Cty	App. No.	File Date	Application Title
20080011	US	12/265,910	06-Nov-2008	VISUAL VOICEMAIL PROVISIONING AND NOTIFICATION
20080006	US	12/165,122	30-Jun-2008	System and Method for Providing Large Scale, Automated, Fiber-Optic, Cross-Connection
20080007	US	12/144,858	24-Jun-2008	Adaptive Test System for Network Function and Performance Evaluation
20080071	US	12/138,178	12-Jun-2008	Method and System for Providing Managed Caller Providing Identification Services
20080082	US	12/181,418	29-Jul-2008	Method and System for Profile Control
20080084	US	12/194,869	20-Aug-2008	Methods and Systems for Providing a Plurality of Last Applications
20080085	US	12/194,969	20-Aug-2008	Methods and Systems for Providing Auxiliary Viewing Options
20080086	US	12/181,587	29-Jul-2008	System and Method for Collecting Data and Evidence
20080099	US	12/140,409	17-Jun-2008	Method and System for Protecting MPEG Frames During Transmission Within an Internet Protocol (IP) Network
20080101	US	12/137,008	11-Jun-2008	System and Method for Providing Equal Access Over Packet-Switched Networks
20080110	US	12/205,955	08-Sep-2008	Method and System for Adjusting Network Interface Metrics
20080120	US	12/168,708	07-Jul-2008	Method and System for Providing Auto-Bandwidth Adjustment
20080121	US	12/191,557	14-Aug-2008	System and Method for Monitoring and Analyzing Network Traffic
20080122	US	12/207,837	10-Sep-2008	Securing Information Exchanged Via a Network
20080126	US	12/191,755	14-Aug-2008	Method and System for Managing Off-Net Virtual Connections
20080127	US	12/168,696	07-Jul-2008	Method and System for Adjusting Bandwidth Using Multiple Timers
20080137	US	12/144,269	23-Jun-2008	Provisioning Device Make and Model Information for Firmware Over-the-Air (FOTA)

20080142	US	12/144,256	23-Jun-2008	Providing Interactive Content During Trick Mode
20080143	US	12/135,826	09-Jun-2008	Providing Content Related to an Item in an Interactive Data Scroll
20080145	US	12/241,797	30-Sep-2008	Hierarchical Mobility Label-Based Network
20080166	US	12/184,464	01-Aug-2008	Computer-Controlled Connector Panel System
20080167	US	12/235,843	23-Sep-2008	System and Method for Registration of a Network Access Device During Loss of Power
20080189	US	12/190,749	13-Aug-2008	Identifying Causes of Services Level Agreements and Performance Violations
20080200	US	12/250,587	14-Oct-2008	METHOD AND SYSTEM FOR PROVIDING BIT ERROR RATE CHARACTERIZATION
20080201	US	12/247,422	08-Oct-2008	Message Management Based on Metadata
20080207	US	12/195,651	21-Aug-2008	Method and Apparatus for Providing an Automated Patch Panel
20080213	US	12/211,931	17-Sep-2008	Method and Apparatus for Providing Free-Space Optical Connections
20080217	US	12/335,879	16-Dec-2008	METHOD AND SYSTEM FOR ROUTING INTER-CARRIER MESSAGING APPLICATION TRAFFIC VIA A CARRIER-ASSIGNED IDENTIFIER
20080219	US	12/323,997	26-Nov-2008	Voice Call Termination Screen with PIN Overwrite
20080228	US	12/182,871	30-Jul-2008	Method and System for Providing Fault Detection and Notification for Composite Transport Groups
20080229	US	12/252,058	15-Oct-2008	Audio Frequency Remapping
20080242	US	12/187,465	07-Aug-2008	Hybrid Network Resource and Policy Management With Mobility Support
20080248	US	12/206,004	08-Sep-2008	Method and Apparatus for Link Sharing Among Logical Routers
20080251	US	12/235,722	23-Sep-2008	Network Specific Transcoding of MMS Content
20080284	US	12/260,116	29-Oct-2008	Method and Apparatus for Reflecting Forwarding Plane Utilization in Control Plane
20080285	US	12/262,743	31-Oct-2008	System and Method for Measuring Interface Utilization Using Policers

20080296	US	12/241,833	30-Sep-2008	Handoffs in a Hierarchical Mobility Label-Based Network
20080301	US	12/210,448	15-Sep-2008	Routing in Mapping Systems
20080328	US	12/253,397	17-Oct-2008	EFFICIENT MESSAGING OVER INTERNET PROTOCOL
20080332	US	12/337,725	18-Dec-2008	SYSTEM AND METHOD FOR ADAPTIVE BACKOFF
20080334	US	12/261,434	30-Oct-2008	SMS Over Wireless Packet Data Network
20080352	US	12/334,681	15-Dec-2008	System and Method for Multi-layer Network Analysis and Design
20080363	US	12/336,608	17-Dec-2008	DEVICE-OPTIMIZED TRANSMISSION AND RECEPTION FOR MULTI-MODE, MULTI-MEDIA COMMUNICATIONS
20080366	US	12/338,655	18-Dec-2008	METHOD AND SYSTEM FOR PROVIDING LOCATION-BASED INFORMATION TO A GROUP OF MOBILE USER AGENTS
20080373	US	12/342,211	23-Dec-2008	SYSTEM AND METHOD FOR EXTENDING RECORDING TIME FOR A DIGITAL VIDEO RECORD (DVR)
20080374	US	12/339,137	19-Dec-2008	SYSTEM AND METHOD FOR DELIVERING VIDEO-ON-DEMAND (VOD) CONTENT DURING EMERGENCY ALERT SYSTEM (EAS) EVENTS
20080382	US	12/334,835	15-Dec-2008	METHODS AND SYSTEMS FOR OPTIMIZING A VISUAL VOICE MAIL SYSTEM BY REDUCING THE USE OF COMMUNICATION RESOURCES