

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Verizon Services Organization Inc.	08/01/2009

**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: 70**

Property Type	Number
Application Number:	11771218
Application Number:	11690390
Application Number:	12251767
Application Number:	11694177
Application Number:	11767029
Application Number:	11674763
Application Number:	12476630
Application Number:	11949164
Application Number:	11876317
Application Number:	11769219
Application Number:	11751912
Application Number:	11695357
Application Number:	11756080
Application Number:	11692468
Application Number:	12481730

**CH \$2800.00 11771218**

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**PATENT  
 REEL: 023235 FRAME: 0374**

Application Number:	11873827
Application Number:	11873877
Application Number:	11764894
Application Number:	11748737
Application Number:	11767255
Application Number:	11863751
Application Number:	12050989
Application Number:	11764455
Application Number:	11964582
Application Number:	11771351
Application Number:	11771207
Application Number:	11771256
Application Number:	11771292
Application Number:	11933623
Application Number:	11776334
Application Number:	11942433
Application Number:	11860279
Application Number:	11872393
Application Number:	11862418
Application Number:	11925246
Application Number:	11853904
Application Number:	11953220
Application Number:	11951967
Application Number:	11950164
Application Number:	11968315
Application Number:	11863543
Application Number:	11861764
Application Number:	11864117
Application Number:	11857240
Application Number:	11863927
Application Number:	11856928
Application Number:	11960219
Application Number:	11960358
Application Number:	11863835
Application Number:	11954706

Application Number:	11961702
Application Number:	11957720
Application Number:	11960814
Application Number:	11949249
Application Number:	11945564
Application Number:	12000597
Application Number:	11865319
Application Number:	11955912
Application Number:	11957923
Application Number:	11947932
Application Number:	11947112
Application Number:	11959836
Application Number:	11954062
Application Number:	11956764
Application Number:	11956629
Application Number:	12050458
Application Number:	12136573
Application Number:	12059384
Application Number:	12099408
Application Number:	12118969

**CORRESPONDENCE DATA**

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**ATTORNEY DOCKET NUMBER:**

VPLI

**NAME OF SUBMITTER:**

Joseph R. Palmieri

**Total Attachments: 8**

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## ASSIGNMENT

This ASSIGNMENT is effective as of August 1, 2009 between Verizon Services Organization Inc., a corporation existing under the laws of Delaware and having an office located at 600 Hidden Ridge, Irving, Texas 75038 (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").

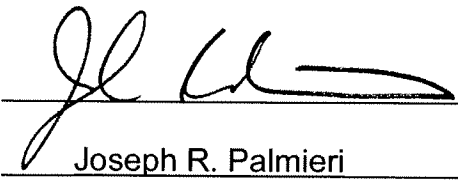
WHEREAS, ASSIGNEE is desirous of acquiring ownership of the United States and/or foreign Letters Patent and Applications for Letters Patent identified in Schedule A, as well as any legal equivalents and counterparts thereof in all countries or jurisdictions worldwide (whether listed on Schedule A or 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 Organization Inc.

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

**SCHEDULE A**

VZ Docket	Cty	App. No.	File Date	Application Title
20070025	US	11771218	29-Jun-2007	SYSTEMS AND METHODS FOR USING DNS RECORDS TO PROVIDE TARGETED MARKETING SERVICES
20070026	US	11690390	23-Mar-2007	System and Method for Determining Fiber Characteristics
20070026C1	US	12251767	15-Oct-2008	System and Method for Determining Fiber Characteristics
20070028	US	11694177	30-Mar-2007	METHOD AND SYSTEM FOR MONITORING A MOBILE DEVICE OVER A VIDEO NETWORK
20070046	US	11767029	22-Jun-2007	MULTIPROTOCOL LABEL SWITCHING (MPLS) INTERFACE WITH VIRTUAL PRIVATE NETWORK (VPN) APPLICATION
20070048	US	11674763	14-Feb-2007	OPTICAL DEVICE CLEANING
20070048C1	US	12476630	02-Jun-2009	Optical Device Cleaning
20070050	WO	US08084273	21-Nov-2008	Pinning and Protection on Link Aggregation Groups
20070050	US	11949164	03-Dec-2007	Pinning and Protection on Link Aggregation Groups
20070051	US	11876317	22-Oct-2007	Label and EXP Field Based MPLS Network Device
20070052	US	11769219	27-Jun-2007	BANDWIDTH-BASED ADMISSION CONTROL MECHANISM
20070067	US	11751912	22-May-2007	AUTOMATIC ROUTING OF COMMUNICATIONS TO USER ENDPOINTS
20070068	US	11695357	02-Apr-2007	SYSTEM AND METHOD FOR HEALTHCARE ADVISORY SYSTEM
20070078	US	11756080	31-May-2007	METHOD AND SYSTEM FOR WIRELESS NETWORK CONFIGURATION
20070079	US	11692468	28-Mar-2007	OPTICAL POWER MONITORING WITH ROBOTICALLY MOVED MACRO-BENDING

20070079C1	US	12481730	10-Jun-2009	OPTICAL POWER MONITORING WITH ROBOTICALLY MOVED MACRO-BENDING
20070086	US	11873827	17-Oct-2007	System, Method and Computer-Readable Storage Medium for Calculating Addressing and Bandwidth Requirements of a Network
20070087	US	11873877	17-Oct-2007	Apparatus, Method and Computer-Readable Storage Medium for Calculating Throughput Requirements of a Network
20070117	US	11764894	19-Jun-2007	APC ADAPTER
20070135	US	11748737	15-May-2007	FIBER PATCH PANEL
20070142	US	11767255	22-Jun-2007	Method, Computer Program Product and Apparatus for Receiving Recording Recommendations
20070166	US	11863751	28-Sep-2007	Network Service Provider-Assisted Authentication
20070168	WO	US09037232	16-Mar-2009	Intelligent Establishment of Peer-to-Peer Communication
20070168	US	12050989	19-Mar-2008	Intelligent Establishment of Peer-to-Peer Communication
20070172	US	11764455	18-Jun-2007	METHOD AND SYSTEM OF CACHE DISCOVERY IN A PEER-TO-PEER ENVIRONMENT
20070173	US	11964582	26-Dec-2007	System and Method for Providing Latency Signatures
20070180	US	11771351	29-Jun-2007	SYSTEMS AND METHODS FOR USING IP TRANSPORT RECORDS TO PROVIDE TARGETED MARKETING SERVICES
20070181	US	11771207	29-Jun-2007	SYSTEMS AND METHODS FOR USING VOICE SERVICES RECORDS TO PROVIDE TARGETED MARKETING SERVICES
20070182	US	11771256	29-Jun-2007	SYSTEMS AND METHODS FOR USING VIDEO SERVICES RECORDS TO PROVIDE TARGETED MARKETING SERVICES
20070183	US	11771292	29-Jun-2007	SYSTEMS AND METHODS FOR USING VALUE-ADDED SERVICES RECORDS TO PROVIDE TARGETED MARKETING SERVICES
20070184	US	11933623	01-Nov-2007	Method and System for Toll-Free Government Priority Telecommunication Systems



20070185	US	11776334	11-Jul-2007	TOKEN-BASED CREDITING OF NETWORK USAGE
20070200	US	11942433	19-Nov-2007	System and Method for Secure Configuration of Network Attached Devices
20070204	US	11860279	24-Sep-2007	Environmentally Stable Component Assembly
20070205	US	11872393	15-Oct-2007	Method and System of Providing Navigation Service With Directory Assistance
20070208	HK	09105292.5	23-Jun-2008	Path Testing and Switching
20070208	CN	200810128689.0	23-Jun-2008	Path Testing and Switching
20070208	US	11862418	27-Sep-2007	Path Testing and Switching
20070209	WO	US08081304	27-Oct-2008	Methods and Systems for Providing Efficient Provisioning of Data Flows
20070209	US	11925246	26-Oct-2007	Methods and Systems for Providing Efficient Provisioning of Data Flows
20070218	US	11853904	12-Sep-2007	HIGH PERFORMANCE GIGABIT PASSIVE OPTICAL NETWORK
20070232	US	11953220	10-Dec-2007	DQPSK/DPSK Optical Receiver With Tunable Optical Filters
20070254	US	11951967	06-Dec-2007	Capital Allocation Systems and Methods
20070256	US	11950164	04-Dec-2007	System and Method for Providing Facilities Management Based on Weather Vulnerability
20070257	US	11968315	02-Jan-2008	System and Method for Providing Workforce and Workload Modeling
20070259	US	11863543	28-Sep-2007	Wavelength Assignment Optimization
20070265	US	11861764	26-Sep-2007	Method, Computer Program Product & Apparatus for Providing Non-Intrusive Voice Over Internet Protocol (VoIP) Monitoring & Recording

20070268	US	11864117	28-Sep-2007	Voice Over Internet Protocol Marker Insertion
20070269	US	11857240	18-Sep-2007	Method, Computer Program Product, and Apparatus for Providing Automatic Gain Control Via Signal Sampling and Categorization
20070271	US	11863927	28-Sep-2007	Real Time Measurement of Network Delay
20070307	US	11856928	18-Sep-2007	Fiber Rack Assembly and Associated Testing Method
20070309	US	11960219	19-Dec-2007	Method, Apparatus and Computer Program Product for Providing Emergency Service Validation
20070310	WO	US08084716	25-Nov-2008	System and Method for Dual-Mode Handoff
20070310	US	11960358	19-Dec-2007	System and Method for Dual-Mode Handoff
20070349	US	11863835	28-Sep-2007	Data Metering
20070373	US	11954706	12-Dec-2007	Multi-Layered Model for Survivability Analysis of Network Services
20070374	WO	US08084170	20-Nov-2008	Latency Measurement in Optical Networks
20070374	US	11961702	20-Dec-2007	Latency Measurement in Optical Networks
20070382	WO	US08084516	24-Nov-2008	In-Channel Residual Chromatic Dispersion Measurement
20070382	US	11957720	17-Dec-2007	In-Channel Residual Chromatic Dispersion Measurement
20070418	US	11960814	20-Dec-2007	Method and System for Performing Network Diagnostics Utilizing a Secondary Communications Medium
20070419	WO	US08084141	20-Nov-2008	Bandwidth Admission Control on Link Aggregation Groups
20070419	US	11949249	03-Dec-2007	Bandwidth Admission Control on Link Aggregation Group

20070424	WO	US08084802	26-Nov-2008	Packet-Switched Network-to-Network Interconnection Interface
20070424	US	11945564	27-Nov-2007	Packet-Switched Network-to-Network Interconnection Interface
20070425	US	12000597	14-Dec-2007	Conveying Textual Content From Interactive Systems to IP Clients
20070434	US	11865319	01-Oct-2007	Remote Access to a Customer Home Network
20070447	US	11955912	13-Dec-2007	Network-Based Data Exchange
20070448	US	11957923	17-Dec-2007	Easily-Removable Electrical Connector
20070449	US	11947932	30-Nov-2007	Method and Apparatus for Distinctive Alert Activation
20070450	US	11947112	29-Nov-2007	Grandparent Media Realm for Session Border Co
20070462	US	11959836	19-Dec-2007	Method and System of Providing an Audio Phone Card
20070466	US	11954062	11-Dec-2007	Automated E911 Route Verification
20070467	US	11956764	14-Dec-2007	High Performance Gigabit Passive Optical Network
20070467	WO	US08084514	24-Nov-2008	High Performance Gigabit Passive Optical Network
20070483	US	11956629	14-Dec-2007	Facsimile Device for Directly Communicating Over IP Networks
20070494	US	12050458	18-Mar-2008	Call Intercept for Voice Over Internet Protocol (VoIP)
20070513	US	12136573	10-Jun-2008	Automatic Denial of Call Request
20070515	US	12059384	31-Mar-2008	Method and System for Energy Efficient Routing and Network Services

20070544	US	12099408	08-Apr-2008	Session Initiation Protocol (SIP) Overload Protection
20070545	US	12118969	12-May-2008	Systems and Methods for Wavelength Scanning of In-Service Wavelength Division Multiplexing Systems