

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

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|-----------------|-----------------------------------|
| Name: | Verizon Patent and Licensing Inc. |
| Street Address: | One Verizon Way |
| City: | Basking Ridge |
| State/Country: | NEW JERSEY |
| Postal Code: | 07920 |

PROPERTY NUMBERS Total: 65

| Property Type | Number |
|---------------------|----------|
| Application Number: | 11614643 |
| Application Number: | 11565959 |
| Application Number: | 11554800 |
| Application Number: | 11611582 |
| Application Number: | 11611529 |
| Application Number: | 11611605 |
| Application Number: | 11611560 |
| Application Number: | 11550094 |
| Application Number: | 11550085 |
| Application Number: | 11588065 |
| Application Number: | 11603561 |
| Application Number: | 11622206 |
| Application Number: | 11617992 |
| Application Number: | 11611008 |
| Application Number: | 11610954 |

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| Application Number: | 11627028 |
| Application Number: | 11747678 |
| Application Number: | 11534281 |
| Application Number: | 11534273 |
| Application Number: | 11534308 |
| Application Number: | 11534426 |
| Application Number: | 11534353 |
| Application Number: | 11534399 |
| Application Number: | 11534385 |
| Application Number: | 11534227 |
| Application Number: | 11534286 |
| Application Number: | 11534230 |
| Application Number: | 11534474 |
| Application Number: | 11617996 |
| Application Number: | 11618096 |
| Application Number: | 11677699 |
| Application Number: | 11620158 |
| Application Number: | 11567541 |
| Application Number: | 11612218 |
| Application Number: | 11692576 |
| Application Number: | 11616084 |
| Application Number: | 11689805 |
| Application Number: | 11694259 |
| Application Number: | 11953977 |
| Application Number: | 11754676 |
| Application Number: | 11488953 |
| Application Number: | 11612245 |
| Application Number: | 11616634 |
| Application Number: | 11691757 |
| Application Number: | 11612251 |
| Application Number: | 11605609 |
| Application Number: | 11483459 |
| Application Number: | 11614711 |
| Application Number: | 11613251 |
| Application Number: | 11553425 |

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| Application Number: | 11605802 |
| Application Number: | 11606680 |
| Application Number: | 11550015 |
| Application Number: | 11615119 |
| Application Number: | 11617979 |
| Application Number: | 11567530 |
| PCT Number: | US0781488 |
| PCT Number: | US0781472 |
| PCT Number: | US0782576 |
| PCT Number: | US0787367 |
| PCT Number: | US0854068 |
| PCT Number: | US0785060 |
| PCT Number: | US0788341 |
| PCT Number: | US0781486 |
| PCT Number: | US0785619 |

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| ATTORNEY DOCKET NUMBER: | VPLI |
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| NAME OF SUBMITTER: | Joseph R. Palmieri |
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Total Attachments: 10
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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").

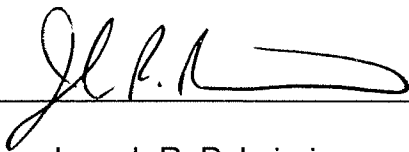
WHEREAS, ASSIGNEE is desirous of acquiring ownership of the United States and/or foreign Letters Patent and Applications for Letters Patent identified in Schedule A, as well as any legal equivalents and counterparts thereof in all countries or jurisdictions worldwide (whether listed on Schedule A or 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 | Country | Appl. Number | File Date | Pat. Number | Application Title |
|-----------|---------|--------------|-------------|-------------|---|
| 06-1501 | US | 11614643 | 21-Dec-2006 | | Method, Computer Program Product, and Apparatus for Providing a Distributed Router Architecture |
| 06-5001 | US | 11565959 | 01-Dec-2006 | | System And Method For Automation Of Information Or Data Classification For Implementation Of Controls |
| 06-8001 | US | 11554800 | 31-Oct-2006 | | Priority Call Routing |
| 20060150 | US | 11611582 | 15-Dec-2006 | | Automated Session Initiation Protocol (SIP) Device |
| 20060152 | US | 11611529 | 15-Dec-2006 | | Automated Teletype (TTY) Testing |
| 20060153 | US | 11611605 | 15-Dec-2006 | | Automated Audio Stream Testing |
| 20060154 | US | 11611560 | 15-Dec-2006 | | Distributed Voice Quality Testing |
| 20060185 | US | 11550094 | 17-Oct-2006 | | Disabled State and State Signaling for Link Aggregation |

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| 20060185 | WO | PCT/US07/81488 | 16-Oct-2007 | Disabled State and State Signaling for Link Aggregation |
| 20060186 | US | 11550085 | 17-Oct-2006 | Monitoring Link Aggregation Links |
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| 20060193 | US | 11588065 | 25-Oct-2006 | Methods and apparatus for content scrambling in a communications system |
| 20060193 | WO | PCT/US07/82576 | 25-Oct-2007 | Methods and Apparatus for Content Scrambling in a Communications System |
| 20060194 | US | 11603561 | 22-Nov-2006 | Systems and methods for accessing media content using multiple user input devices |
| 20060198 | US | 11622206 | 11-Jan-2007 | Derived Presence-Aware Service From Associated Entities |

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|----------|----|-------------------------------------|-------------|---|
| 20060211 | US | 11617992 | 29-Dec-2006 | Assigning Priority to Network Traffic at Customer Premises |
| 20060235 | US | 11611008 | 14-Dec-2006 | Long Reach Optical Network |
| 20060236 | EP | 07869203.5 | 13-Dec-2007 | Hybrid Switch for Optical Networks |
| 20060236 | US | 11610954 | 14-Dec-2006 | Hybrid Switch for Optical Networks |
| 20060236 | WO | PCT/US07/87367 | 13-Dec-2007 | Hybrid Switch for Optical Networks |
| 20060236 | CN | TBA (nat'l phase of PCT/US07/87367) | 13-Dec-2007 | Hybrid Switch for Optical Networks |
| 20060242 | US | 11627028 | 25-Jan-2007 | Network Routing |
| 20060244 | US | 11747678 | 11-May-2007 | Pseudowire Circuit Emulation |
| 20060252 | US | 11534281 | 22-Sep-2006 | Method and System for Providing Variable Dial Pattern Provisioning in a SIP-Based Network |
| 20060253 | US | 11534273 | 22-Sep-2006 | Method and System for Providing Distinctive Announcements in a SIP-Based Network |
| 20060254 | US | 11534308 | 22-Sep-2006 | Method and System for Providing Talking Call Waiting in a SIP-Based Network |

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| 20060255 | US | 11534426 | 22-Sep-2006 | Method and System for Providing Call Waiting Features in a SIP-Based Network |
| 20060256 | US | 11534353 | 22-Sep-2006 | Method and System for Providing Call-Forwarding Status Indications in a Packet-Switched Network |
| 20060257 | US | 11534399 | 22-Sep-2006 | Method and System for Providing Forced Hold Behavior in a SIP-Based Network |
| 20060258 | US | 11534385 | 22-Sep-2006 | Method and System for Providing Bridged Line Service in a SIP-Based Network |
| 20060259 | US | 11534227 | 22-Sep-2006 | Method and System for Providing Voice Dialing Service in a SIP-Based Network |
| 20060260 | US | 11534286 | 22-Sep-2006 | Method and System for Providing Call Parking in a SIP-Based Network |
| 20060261 | US | 11534230 | 22-Sep-2006 | Method and System for Providing Call Screening in a Packet-Switched Network |
| 20060262 | US | 11534474 | 22-Sep-2006 | Method and System for Providing Party Line Emulation in a SIP-Based Network |
| 20060269 | US | 11617996 | 29-Dec-2006 | Automatic Detection and Establishment of Network Connection |
| 20060270 | US | 11618096 | 29-Dec-2006 | Method and System for Attribute Browsing of Video Assets |
| 20060281 | US | 11677699 | 22-Feb-2007 | Traffic Routing |

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| 20060281 | EP | PCT/US08/54068 | 15-Feb-2008 | Traffic Routing |
| 20060292 | US | 11620158 | 05-Jan-2007 | System for Testing Set-Top Boxes and Content Distribution Networks and Associated Methods |
| 20060294 | US | 11567541 | 06-Dec-2006 | Content Storage and Delivery System and Associated Method and Device |
| 20060316 | US | 11612218 | 18-Dec-2006 | Optical Signal Measurement Device |
| 20060319 | US | 11692576 | 28-Mar-2007 | Calling Party Number Override for Emergency Services |
| 20060321 | US | 11616084 | 26-Dec-2006 | Traffic Fencing Mechanism for Control Plane Enabled Networks |

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| 20060336 | US | 11689805 | 22-Mar-2007 | 7,474,829 | Assemblies & Methods for Drop Cable |
| 20060347 | US | 11694259 | 30-Mar-2007 | | Content Storage and Delivery Systems and Associated Methods |
| 20060359 | US | 11953977 | 11-Dec-2007 | | Remote Management of Network Devices |
| 20060365 | US | 11754676 | 29-May-2007 | | Service Broker |
| VZ06006 | US | 11488953 | 19-Jul-2006 | | Intercepting text strings |
| VZ06007 | US | 11612245 | 18-Dec-2006 | | Presence Based Telephony |
| VZ06009 | US | 11616634 | 27-Dec-2006 | | Dispatching Prioritized Jobs At Multiple Locations To Workers |
| VZ06017 | US | 11691757 | 27-Mar-2007 | | Automated Network Testing |
| VZ06022 | US | 11612251 | 18-Dec-2006 | | Content Processing Device Monitoring |
| VZ06045 | EP | 07854693.4 | 19-Nov-2007 | | Remote VoIP Phone |

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|---------|----|------------------------------------|-------------|-----------|--|
| VZ06045 | US | 11605609 | 29-Nov-2006 | | Remote VoIP Phone |
| VZ06045 | WO | PCT/US07/85060 | 19-Nov-2007 | | Remote VoIP Phone |
| VZ06046 | US | 11483459 | 10-Jul-2006 | | Re-directing video according to a standard protocol |
| VZ06053 | EP | 07855290.8 | 20-Dec-2007 | | Large Scale Quatum Cryptographic Key Distribution Network |
| VZ06053 | US | 11614711 | 21-Dec-2006 | 7,577,257 | Large Scale Quatum Cryptographic Key Distribution Network |
| VZ06053 | CN | TBA (nat' phase of PCT/US07/88341) | 20-Dec-2007 | | Large Scale Quatum Cryptographic Key Distribution Network |
| VZ06053 | WO | PCT/US07/88341 | 20-Dec-2007 | | Large Scale Quatum Cryptographic Key Distribution Network |
| VZ06054 | US | 11613251 | 20-Dec-2006 | | System and Method for Core Network Topology Router Placement Planning |
| VZ06057 | US | 11553425 | 26-Oct-2006 | 7,583,490 | Static electricity dissipation device for vehicles |
| VZ06058 | US | 11605802 | 28-Nov-2006 | | System and method for viewing a TV program guide on a mobile device background |
| VZ06060 | US | 11606680 | 29-Nov-2006 | | Traffic evaluation system |

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| VZ06079 | US | 11615119 | 22-Dec-2006 | Publication Service Using Web Pages and Web Search Engines |
| VZ06091 | US | 11617979 | 29-Dec-2006 | Method and Apparatus for Providing Ringtone Scheduling |
| VZ06101 | US | 11567530 | 06-Dec-2006 | Customized Media on Demand |
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| VZ06101 | WO | PCT/US07/85619 | 27-Nov-2007 | Customized Media on Demand |