# PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
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| NATURE OF CONVEYANCE: | ASSIGNMENT |
|---|---|

**CONVEYING PARTY DATA**

| Name | Execution Date |
|---|---|
| Verizon Data Services LLC | 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: 1**

| Property Type | Number |
|---|---|
| Application Number: | 29359905 |

**CORRESPONDENCE DATA**

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| ATTORNEY DOCKET NUMBER: | VPLI |
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| NAME OF SUBMITTER: | Joseph R. Palmieri |
|---|---|

Total Attachments: 7
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## ASSIGNMENT

This ASSIGNMENT is effective as of August 1, 2009 between Verizon Data Services LLC, a limited liability company existing under the laws of Delaware and having an office located at 7701 E. Telecom Parkway, Temple Terrace, Florida 33637 (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").
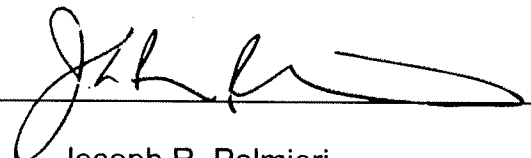
WHEREAS, ASSIGNEE is desirous of acquiring ownership of the United States and/or foreign Letters Patent and Applications for Letters Patent identified in Schedule A, as well as any legal equivalents and counterparts thereof in all countries or jurisdictions worldwide (whether listed on Schedule A or 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 Data Services LLC*

By: _____

Name: _____Joseph R. Palmieri_____

Title: _____Assistant Secretary_____

**PATENT
REEL: 025837 FRAME: 0186**

## SCHEDULE A

| VZ Docket | Country | Appl. Number | File Date | Pat. Number | Application Title |
|---|---|---|---|---|---|
| 06-1503 | US | 11410903 | 26-Apr-2006 | | Wireless 911 Default Routing Capability for Wireline Fiber Based Customers |
| 20060188 | US | 11615197 | 22-Dec-2006 | | Network Management System Integrated With Provisioning System |
| 20060198 | US | 11622206 | 11-Jan-2007 | | Derived Presence-Aware Service From Associated Entities |
| 20060209 | US | 11614351 | 21-Dec-2006 | | Systems and Methods for Resetting a Network Device |
| 20060216 | US | 11565362 | 30-Nov-2006 | | Method and System for Voice Monitoring |
| 20060219 | US | 11624425 | 18-Jan-2007 | | Method and Apparatus for Providing User Control of Video Views |
| 20060222 | US | 11615231 | 22-Dec-2006 | | Network Element Abstraction Within a Network Management System |
| 20060223 | US | 11615159 | 22-Dec-2006 | | Neural Networks Within a Network Management System |
| 20060224 | US | 11615255 | 22-Dec-2006 | | Network Management Using Dynamic Recovery and Transitioning |
| 20060232 | US | 11614667 | 21-Dec-2006 | | Content Hosting and Advertising Systems and Methods |
| 20060233 | US | 11753788 | 25-May-2007 | | Expanded Media Content Access Systems and Methods |
| 20060246 | US | 11613701 | 20-Dec-2006 | | Apparatus for Remotely Managing Network Elements of a VoIP Communication System and an Associated Method and Computer Program Product |
| 20060247 | US | 11613665 | 20-Dec-2006 | | Apparatus for Remotely Rebooting VoIP Communication Devices and an Associated Method and Computer Program Product |
| 20060263 | US | 11615218 | 22-Dec-2006 | | Policy Management Within a Network Management System |
| 20060264 | US | 11615276 | 22-Dec-2006 | | Network Element Connection Management Within a Network Management System |

| 20060275 | US | 11615551 | 22-Dec-2006 | Optical Splitter Assembly |
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| 20060304 | US | 11553967 | 27-Oct-2006 | Apparatus and Method of Data Dependent Routing for Data Storage |
| 20060308 | US | 11560544 | 16-Nov-2006 | Method and System for Flexible Product and Service Bundling |
| 20060313 | US | 11765841 | 20-Jun-2007 | Apparatus, System and Method for Automated Commnication Forwarding |
| 20060315 | US | 11603460 | 22-Nov-2006 | Audio filtration for content processing systems and methods |
| 20060326 | US | 11770969 | 29-Jun-2007 | System and Method for Providing Call and Chat Conferencing |
| 20060327 | US | 11771093 | 29-Jun-2007 | System and Method for Providing Workflow Monitoring |
| 20060328 | US | 11771144 | 29-Jun-2007 | System and Method for Providing a Community Portal for Chat-Based Support Services |
| 20060329 | US | 11771184 | 29-Jun-2007 | Method and System for Providing Agent Managed Support Via Instant Messaging |
| 20060330 | US | 11771229 | 29-Jun-2007 | Apparatus and Method for Providing Call Deflection |
| 20060331 | US | 11615519 | 22-Dec-2006 | Methods and Apparatus for Providing a Location Based Search |
| 20060334 | US | 11694879 | 30-Mar-2007 | Method and System for Notifying an Invitee User When an Inviting User Accesses a Social Networking Application |
| 20060339 | EP | 07845051.7 | 12-Nov-2007 | Priority-Based Buffer Management |
| 20060339 | US | 11691746 | 27-Mar-2007 | Priority-Based Buffer Management |
| 20060339 | WO | PCT/US07/84438 | 12-Nov-2007 | Priority-Based Buffer Management |
| 20060341 | US | 11610874 | 14-Dec-2006 | Instant Messaging With a Media Device |
| 20060366 | US | 11769866 | 28-Jun-2007 | Flexible Rendering of User Interface Elements |
| 20060367 | US | 11693267 | 29-Mar-2007 | Resource Data Configuration for Media Content Access Systems and Methods |
| 20060368 | US | 11871663 | 12-Oct-2007 | Program Guide Data Management for Media Content Access Systems and Methods |
| 20060369 | US | 11760460 | 08-Jun-2007 | Management of User Interface Elements |

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| 20060370 | US | 29275790 | 05-Jan-2007 | Computer Generated Image for a Display Panel or Screen |
| 20060371 | US | 29275789 | 05-Jan-2007 | Computer Generated Image for a Display Panel or Screen |
| 20060372 | US | 29277467 | 27-Feb-2007 | Computer Generated Imagine for a Display Panel or Screen |
| 20060373 | US | 29280306 | 23-May-2007 | Computer Generated Image for a Display Panel or Screen |
| 20060374 | US | 29280307 | 23-May-2007 | Computer Generated Image for a Display Panel or Screen |
| 20060380 | US | 11694222 | 30-Mar-2007 | Method and System for Providing Interactive Speech Recognition Using Speaker Data |
| 20060381 | US | 11694493 | 30-Mar-2007 | System and Method of Speech Recognition Training Based on Confirmed Speaker Utterances |
| 20060382 | US | 11694497 | 30-Mar-2007 | Method and System of Providing Interactive Speech Recognition Based on Call Routing |
| 20060383 | US | 11736112 | 17-Apr-2007 | Voice Portal Communications |
| 20060384 | US | 11818563 | 14-Jun-2007 | XSL Dialog Modules |
| VZ06001 | US | 11612650 | 19-Dec-2006 | Media Manager |
| VZ06011 | US | 11538856 | 05-Oct-2006 | Short Message Service (SMS) Data Transfer |
| VZ06023 | US | 11542402 | 03-Oct-2006 | Interactive Search Graphical User Interface Systems and Methods |
| VZ06026 | US | 11472388 | 22-Jun-2006 | Methods and Systems for Securely Configuring a Network Device |
| VZ06027 | US | 11491209 | 21-Jul-2006 | Interactive menu for telephone system features |
| VZ06029 | US | 11471676 | 21-Jun-2006 | Group List Exclusions for Messaging |
| VZ06032 | US | 11616608 | 27-Dec-2006 | Self-Service Circuit Testing Systems and Methods |
| VZ06035 | US | 11615568 | 22-Dec-2006 | Method, System, and Computer Program Product for Providing Location Based Services |

| VZ06036 | US | 11567325 | 06-Dec-2006 | Apparatus, Method, And Computer Program Product For Synchronizing Data Sources |
| VZ06037 | US | 11609695 | 12-Dec-2006 | Method, Computer Program Product and Apparatus for Providing Media Sharing Services |
| VZ06038 | US | 11608571 | 08-Dec-2006 | Method, Computer Program Product, and Apparatus for Providing Communications With at Least One Media Provider |
| VZ06043 | US | 11600353 | 16-Nov-2006 | Interactive data widgets for video |
| VZ06044 | US | 11495274 | 28-Jul-2006 | Location-based advertising |
| VZ06051 | US | 11542353 | 03-Oct-2006 | Interactive content for media content access systems and methods |
| VZ06052 | US | 11612068 | 18-Dec-2006 | Networked Media Recording |
| VZ06066 | US | 12048504 | 14-Mar-2008 | Method, Apparatus, and Computer Program for Providing Web Service Testing |
| VZ06078 | US | 11643889 | 22-Dec-2006 | Systems and methods for creating a broadcasted multimedia file |
| VZ06081 | US | 11614644 | 21-Dec-2006 | Program Guide Navigation Tools for Media Content Access Systems and Methods |
| VZ06082 | US | 11542352 | 03-Oct-2006 | Control tools for media content access systems and methods |
| VZ06083 | US | 11516291 | 06-Sep-2006 | Systems and methods for accessing media content |
| VZ06083 | WO | PCT/US07/71909 | 22-Jun-2007 | Systems and Methods for Accessing Media Content |
| VZ06084 | US | 11614604 | 21-Dec-2006 | Linear Program Guide for Media Content Access Systems and Methods |
| VZ06085 | US | 11510386 | 25-Aug-2006 | Systems and methods for modifying content based on a positional relationship |
| VZ06085 | WO | PCT/US07/71963 | 25-Jun-2007 | Systems and Methods for Modifying Content Based on a Positional Relationship |
| VZ06086 | US | 11603461 | 22-Nov-2006 | Audio processing for media content access systems and methods |

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| VZ06088 | US | 11612266 | 18-Dec-2006 | | Method and System for Multimedia Contact Routing |
| VZ06089 | US | 11610859 | 14-Dec-2006 | | Messaging With Instructions for Media Playback |

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