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PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2588155

SUBMISSION TYPE:	NEW ASSIGNMENT
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:	13950665

CORRESPONDENCE DATA

Fax Number: (703)351-3665 Phone: 703-351-3579

Email: eddy.valverde@verizon.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: VERIZON PATENT MANAGEMENT GROUP

Address Line 1: 1320 N. COURTHOUSE ROAD

Address Line 2: 9TH FLOOR

Address Line 4: ARLINGTON, VIRGINIA 22201

ATTORNEY DOCKET NUMBER:	VZ06081C1
NAME OF SUBMITTER:	JOSEPH R. PALMIERI
Signature:	/Joseph R. Palmieri, Reg. No. 40,760/
Date:	10/23/2013

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 reexaminations 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.

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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:

Title:

Assistant Secretary

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SCHEDULE A

VZ Docket	Country	Appl Number	Pat. File Date 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

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20060275	US	11615551	22-Dec-2006	Optical Splitter Assembly
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	i 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
20000310		20210100	1	Computer Generated Image for a
20060371	US	, 29275789	05-Jan-2007,	Display Panel or Screen
	:	!		Computer Generated Imagine for a
20060372	US	29277467	27-Feb-2007	Display Panel or Screen
20060373	us	29280306	23-May-2007	Computer Generated Image for a Display Panel or Screen
20000373		i	23-Way-2007	Computer Generated Image for a
20060374	US	29280307	23-May-2007	Display Panel or Screen
				Method and System for Providing
	!			Interactive Speech Recognition Using
20060380	US	11694222	30-Mar-2007	Speaker Data
				System and Method of Speech Recognition Training Based on
20060381	US	11694493	30-Mar-2007	Confirmed Speaker Utterances
				Method and System of Providing
		}		Interactive Speech Recognition Based
20060382	US	11694497	30-Mar-2007	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
	:			!
	Ì			Short Message Service (SMS) Data
VZ06011	us	: 11538856	05-Oct-2006	Transfer
***************************************				Interactive Search Graphical User
VZ06023	US	11542402	03-Oct-2006	Interface Systems and Methods
\/70.000.0	110	44.470000	00 1 0000	Methods and Systems for Securely
VZ06026	US	. 11472388	22-Jun-2006	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
	į į			
				Solf Samiles Circuit Testing Surface
VZ06032	US	11616608	27-Dec-2006	Self-Service Circuit Testing Systems and Methods
		A thronton and the second seco	gagangan mengan antan menungkan salamanan dan menungkan salaman dan salaman salaman salaman salaman salaman sa 	Method, System, and Computer
				Program
\/ 7 06005	116	11615568	22-Dec-2006	Product for Providing Location Based Services
VZ06035	US	11010000	22-150-2000	OCI VICES

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				,
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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PATENT REEL: 031460 FRAME: 0576

RECORDED: 10/23/2013