502137242 11/21/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
VERIZON DATA SERVICES LLC	03/01/2009

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:	13413968

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	20080011C1
NAME OF SUBMITTER:	Joseph R. Palmieri

Total Attachments: 6

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PATENT REEL: 029337 FRAME: 0435 CH \$40 00 1344

ASSIGNMENT

This ASSIGNMENT is effective as of March 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, 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 Data Services LLC

By:

Name:

/Joseph R. Palmieri

Title:

Assistant Secretary

SCHEDULE A

VZ DOM		App No	Fae Date	Anneatheithe
20080009	US	12/236,808	24-Sep-2008	Managing Visual Voicemail From Multiple Devices
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20080011	US	12/265,910	06-Nov-2008	VISUAL VOICEMAIL PROVISIONING AND NOTIFICATION
20080012	US	12/041,027	03-Mar-2008	Bypassing an Application Layer Gateway
20080015	US	12/164,846	30-Jun-2008	Emergency Shepherd Service
20080017	US	12/238,866	26-Sep-2008	Environmental Factor Based Virtual Communication Systems and Methods
20080017	US	12/108,247	23-Apr-2008	Traffic Monitoring Systems and Methods
20000020	103	12/100,24/	20-Api-2000	Selectable Mode Based Social Networking Interaction
20080022	us	12/211,660	16-Sep-2008	Systems and Methods
				Camera Data Management and User Interface Apparatuses,
20080024	US	12/165,411	30-Jun-2008	Systems, and Methods
				COMMUNICATIONS CONVERGENCE AND USER
20080026	US	12/339,811	19-Dec-2008	INTERFACE SYSTEMS, APPARATUSES, AND METHODS
20080029	US	12/258,691	27-Oct-2008	Proximity Interface Apparatuses, Systems, and Methods
20080043	US	12/165,027	30-Jun-2008	Content Management and Access Systems and Methods
20080046	US	12/242,515	30-Sep-2008	Connected Address Book Systems and Methods Touch Gesture Interface Apparatuses, Systems, and
20080047	US	12/242,213	30-Sep-2008	Methods
				Methods and Systems of Graphically Conveying a Strength
20080051	US	12/242,840	30-Sep-2008	of Communication Between Users
				System and Method for Providing an Interactive Program
20080062	US	12/054,243	24-Mar-2008	Guide Having Date and Time Toolbars
0000000		40/407 474	00.4 - 0000	System and Method for Selling Preference-Based Virtual
20080063	US	12/107,471	22-Apr-2008	Objects
20080067	US	12/117,048	08-May-2008	Shrink Wrap Technique Enclosing Multiple Polygons
20000007	103	12/11/,040	00-May-2000	Technique for Shifting Network Points or Linear Facilities in
20080069	us	12/135,349	09-Jun-2008	a Network Plan
20080088	US	12/327,374	03-Dec-2008	ENHANCED INTERFACE FOR MOBILE PHONE
				DISTRIBUTING AND SHARING CONTENT IN A
20080091	US	12/334,889	15-Dec-2008	NETWORK
00000400	uc	40/445 604	05 1 2000	Broadcast Design for Provisioning Reconfigurable Optical
20080102 20080109	US	12/145,634 12/136,165	25-Jun-2008 10-Jun-2008	Add/Drop Multiplexer Circuits Predictive Content Presentation
20080109	US	12/136,165	01-Jul-2008	System and Method for Providing Unique Encryption Key
20080117	US	12/130,134	30-May-2008	Method and System for a Gateway Transfer
20000111	 3		35	System and Method for Providing Interactive
20080118	US	12/233,637	19-Sep-2008	Troubleshooting
				User Interface Color Scheme Customization Systems and
20080125	US	12/263,338	31-Oct-2008	Methods

	AND SYSTEM FOR CREATING A CHAPTER R A VIDEO PROGRAM
20080132 US 12/342,693 23-Dec-2008 MENU FOF	R A VIDEO PROGRAM
	TATABLETINGGROUN
METHOD A	AND SYSTEM FOR CREATING A MEDIA
20080133 US 12/342,960 23-Dec-2008 PLAYLIST	
SYSTEMS	AND METHODS FOR
20080138 US 12/339,896 19-Dec-2008 RADIAL DIS	SPLAY OF TIME BASED INFORMATION
Method and	Apparatus for Organizing and Bookmarking
20080139 US 12/233,656 19-Sep-2008 Content	
Method and	System for Providing Fault Recovery Using
20080144 US 12/057,947 28-Mar-2008 Composite	Transport Groups
20080149 US 12/190,403 12-Aug-2008 Speedy Eve	ent Processing
20080154 US 12/125,710 22-May-2008 TV Slidesho	ow
20080155 US 12/164,547 30-Jun-2008 System for	Proactively Troubleshooting Set Top Box Issues
System for	Up-Selling Content During Periods of Likely
20080156 US 12/164,481 30-Jun-2008 Viewer Disi	nterest
20080157 US 12/135,516 09-Jun-2008 Digital Vide	o Recorder Content Filtering
20080170 US 12/184,698 01-Aug-2008 Media Sour	ce Monitoring and Parental Awards
	System for Providing Location Aware Classified
20080173 US 12/169,032 08-Jul-2008 Content	
	ND METHOD FOR PROVIDING IMAGE GEO-
	A MAPPING
	AND METHODS FOR RECORDING PARKING
20080172 US 12/250,729 14-Oct-2008 SPACE DA	
	D TEXT COMMUNICATION SYSTEM
	It to Voice Portal VOIP Transfer
	Distribution of Product / Service Coupon Codes
	AND SYSTEM FOR PROVIDING NETWORK
	E GROWTH MANAGEMENT
	equest Workflow Management Method and
	CVCTCMC AND COMPUTED DDCCDAM
	, SYSTEMS AND COMPUTER PROGRAM
	S FOR ENHANCED CALL SCREENING (ideo on Demand (VOD) Based on Usage
	Apparatus for Transmitting Authenticated
20080222 US 12/233,753 19-Sep-2008 Emergency	
	ge Tagging Apparatuses, Systems, and Methods
	uture Episode Information
	Testing Systems and Methods
	Mobile Communication Device
20080237 US 12/197,496 25-Aug-2008 Virtualized	Mobile Communication Device
20080245 US 12/241,839 30-Sep-2008 Event Ticke	et Purchasing
	n Video Package Promotion UPDATE OF GRAMMAR FOR INTERACTIVE
20080260 US 12/264,392 04-Nov-2008 VOICE RES	
	gement System
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20000200 03 12/204,011 22-3ep-2000 Grapfile Re	ridering of Circuit Positions
20080266 LIS 12/204 368 04-San-2008 Digital Subs	scriber Line (DSL) Network Ungrade Tool
20080266 US 12/204,368 04-Sep-2008 Digital Subs	scriber Line (DSL) Network Upgrade Tool

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ı				PREDICTIVE KEYPAD/KEYBOARD LIGHTING TO GUIDE
20080275	US	12/332,652	11-Dec-2008	INPUT
				METHODS AND SYSTEMS FOR PROVIDING STATUS
0000000		101000 100	05.5	UPDATES ASSOCIATED WITH ONE OR MORE PENDING
20080283	US	12/329,102	05-Dec-2008	ORDERS
20080287	US	12/270,435	13-Nov-2008	TELEVISION ADVERTISING FOR LOCAL BUSINESSES
20080291	US	12/236,612	24-Sep-2008	Multi-Panel Television Browsing
20080294	US	12/270,048	13-Nov-2008	TELEVISION TUNING ON START-UP
	{	·		METHOD AND SYSTEM FOR PROVIDING LOCALIZED
		10/00= 0=0	17.5	ADVERTISEMENT INFORMATION USING A SET TOP
20080302	US	12/337,359	17-Dec-2008	BOX
20080303	US	12/337,902	18-Dec-2008	Multiparty RFID Barcode Sales on a Set Top Box
00000000	110	40/050 000	00.0.1.0000	SYSTEM FOR REVENUE MANAGEMENT USING
20080309	US	12/259,682	28-Oct-2008	LOCATION BASED SERVICES
00000010	110	40/040 407	00 D 0000	METHOD AND SYSTEM FOR PROVIDING
20080312	US	12/342,467	23-Dec-2008	SUPPLEMENTAL VISUAL CONTENT
20000226	Lie	12/333,046	11-Dec-2008	PORTABLE DEVICE CONFIGURED TO RECEIVE PRODUCT INFORMATION
20080326	US	12/333,046		
20080337	US	12/340,214	19-Dec-2008	ACCELEROMETER SENSITIVE SOFT INPUT PANEL
00000044	1	40/000 000	00 5 0000	OLUCTED ANALYSIS OF MEMOR TEMPENSION
20080341	US	12/330,089	08-Dec-2008	CLUSTER ANALYSIS OF VIEWER TENDENCIES
	1	10/000 000		NOD OFFERINGS BASES ON FORM AN ARRANGE
20080342	US	12/330,093	08-Dec-2008	VOD OFFERINGS BASED ON POPULAR DEMAND
20080343	US	12/272,968	18-Nov-2008	CUSTOMER VOTING ON TIMESLOTS FOR SHOWS
				MULTI-PLATFORM SOFTWARE APPLICATION
20080354	US	12/345,031	29-Dec-2008	SIMULATION SYSTEMS AND METHODS
				METHOD AND SYSTEM FOR TRUNK INDEPENDENT
20080364	US	12/339,575	19-Dec-2008	GATEWAY TRANSFER OF CALLS
20080365	US	12/333,608	12-Dec-2008	CUSTOMER GOALS USER INTERFACE
20080405	US	12/341,381	22-Dec-2008	QUICK-ACCESS MENU FOR MOBILE DEVICE
20080406	US	12/344,705	29-Dec-2008	INTERFACE CUBE FOR MOBILE DEVICE
20080385	US	12/336,176	16-Dec-2008	INTERACTIVE REMOTE CONTROL
				SELECTABLE OPTIONS FOR GRAPHIC OBJECTS
20080386	US	12/343,238	23-Dec-2008	DISPLAYED ON A TOUCH-SCREEN INTERFACE
				PRESENTING ADVERTISEMENTS WITH VIDEO
20080408	US	12/341,104	22-Dec-2008	PROGRAM DESCRIPTIONS
20080389	US	12/330,232	08-Dec-2008	ACCESSORY DEVICES FOR MOBILE PHONES
				NAVIGATION BASED ON USER-DEFINED POINTS AND
20080399	US	12/327,924	04-Dec-2008	PATHS
				PROVIDING DYNAMIC INFORMATION REGARDING A
20080409	US	12/344,114	24-Dec-2008	VIDEO PROGRAM
				NAVIGATION BASED ON POPULAR USER-DEFINED
20080400	US	12/327,933	04-Dec-2008	PATHS
20080410	US	12/341,443	22-Dec-2008	GESTURE-BASED DELIVERY FROM MOBILE DEVICE
20080402	US	12/341,479	22-Dec-2008	INTERACTIVE PROFILE CARDS FOR MOBILE DEVICE
20080412	US	12/339,226	19-Dec-2008	VISUAL MANIPULATION OF AUDIO
20080413	US	12/341,670	22-Dec-2008	GESTURE-BASED NAVIGATION
20080403	US	12/341,500	22-Dec-2008	STAGE INTERACTION FOR MOBILE DEVICE
20080414	US	12/335,108	15-Dec-2008	THREE DIMENSIONAL ICON STACKS

PATENT REEL: 029337 FRAME: 0440

	1	}	1	INTERACTIVE LOCKED STATE MOBILE
20080404	US	12/340,263	19-Dec-2008	COMMUNICATION DEVICE
				TABBED CONTENT VIEW ON A TOUCH-SCREEN
20080391	US	12/347,640	31-Dec-2008	DEVICE
20080392	US	12/340,180	19-Dec-2008	ZOOMING KEYBOARD/KEYPAD
20080393	US	12/340,243	19-Dec-2008	MORPHING TOUCH SCREEN LAYOUT
20080394	US	12/339,913	19-Dec-2008	ZOOMING TECHNIQUES FOR TOUCH SCREENS
				SYSTEMS, METHODS, AND APPARATUSES FOR
20080416	US	12/347,812	31-Dec-2008	HANDLING FAILED MEDIA CONTENT RECORDINGS
				VOICE-TO-TEXT TRANSLATION FOR VISUAL
20080439	US	12/334,614	15-Dec-2008	VOICEMAIL
20080438	US	12/333,574	12-Dec-2008	DISTRIBUTED ORDER PROCESSING
20080444	US	12/335,033	15-Dec-2008	Conversation Mapping
20080445	US	12/339,643	19-Dec-2008	VISUAL ADDRESS BOOK AND DIALER
20080446	US	12/335,941	16-Dec-2008	COMMUNICATION MANAGEMENT
				MOBILE DEVICE POWER MANAGEMENT
20080456	US	12/331,653	10-Dec-2008	PRIORITIZATION
20080452	US	12/333,409	12-Dec-2008	APPOINTMENT-RELATED COMMUNICATIONS
20080455	US	12/276,698	24-Nov-2008	Social Interaction Tracking
20080459	US	12/334,469	14-Dec-2008	VISUAL VOICEMAIL NETWORK ARCHITECTURE
20080471	US	12/347,814	31-Dec-2008	Methods, Systems, and Apparatus for Developing Widgets
20080527	US	12/369,279	11-Feb-2009	DYNAMIC PRICING FOR PAY-PER-VIEW EVENTS
20080528	US	12/366,928	06-Feb-2009	REVENUE MANAGEMENT FOR DYNAMIC BUNDLING
en e				SYSTEMS AND METHODS FOR RADIAL DISPLAY OF
20080138P1	US	12/395,156	27-Feb-2009	TIME BASED INFORMATION