

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4019138

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the NAME OF MUKUNDA RAJU'S FIRST NAME FROM "MUNKUNDA" TO "MUKUNDA" previously recorded on Reel 019957 Frame 0268. Assignor(s) hereby confirms the ASSIGNMENT.
CONVEYING PARTY DATA	
Name	Execution Date
MUKUNDA RAJU	09/21/2007
LAXMI PATEL	09/21/2007
ENRIQUE RUIZ-VELASCO	09/21/2007
RECEIVING PARTY DATA	
Name:	VERIZON DATA SERVICES INC.
Street Address:	ONE EAST TELECOM PARKWAY
Internal Address:	MAIL CODE B3E
City:	TEMPLE TERRACE
State/Country:	FLORIDA
Postal Code:	33637
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11871663
CORRESPONDENCE DATA	
Fax Number:	(703)351-3665
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	703-351-3579
Email:	eddy.valverde@verizon.com
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:	20060368
NAME OF SUBMITTER:	JOSEPH R. PALMIERI
SIGNATURE:	/JOSEPH R. PALMIERI, REG. NO. 40,760/
DATE SIGNED:	08/23/2016

Total Attachments: 4

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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Munkunda Raju</td><td>09/21/2007</td></tr><tr><td>Laxmi Patel</td><td>09/21/2007</td></tr><tr><td>Enrique Ruiz-Velasco</td><td>09/21/2007</td></tr></tbody></table>	Name	Execution Date	Munkunda Raju	09/21/2007	Laxmi Patel	09/21/2007	Enrique Ruiz-Velasco	09/21/2007	
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Munkunda Raju	09/21/2007								
Laxmi Patel	09/21/2007								
Enrique Ruiz-Velasco	09/21/2007								
RECEIVING PARTY DATA									
Name:	Verizon Data Services Inc.								
Street Address:	One East Telecom Parkway								
Internal Address:	Mail Code B3E								
City:	Temple Terrace								
State/Country:	FLORIDA								
Postal Code:	33637								
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Application Number:	11871663								
CORRESPONDENCE DATA									
Fax Number:	(703)351-3665								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	7033513586								
Email:	angela.trafton@verizon.com								
Correspondent Name:	Verizon Legal Department								
Address Line 1:	1515 North Courthouse Road, Ste. 500								
Address Line 2:	Patent Management Group								
Address Line 4:	Arlington, VIRGINIA 22201								

ATTORNEY DOCKET NUMBER:	65632-0465
NAME OF SUBMITTER:	Michael B. Stewart
Signature:	/Michael B. Stewart/
Date:	10/12/2007
Total Attachments: 2 source=r0450481#page1.tif source=r0450481#page2.tif	
RECEIPT INFORMATION EPAS ID: PAT385121 Receipt Date: 10/12/2007 Fee Amount: \$40	

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/We, the undersigned:

- I. have sold, assigned and transferred, and by the presents do hereby sell, assign, and transfer, to the Verizon legal entity identified below ("Assignee") and its successors and assigns, the entire right, title and interest in and to any and all improvements which are described in the application for United States Letters Patent entitled

PROGRAM GUIDE DATA CONFIGURATION FOR MEDIA CONTENT ACCESS SYSTEMS AND METHODS

☒ which has been executed by the undersigned concurrently herewith, and in which case I/we hereby authorize and request the Assignee, its successors, assigns and/or legal representatives, to insert here in the parentheses (Application Number _____, filed _____) the filing date and application number of said application when known.

☐ which was filed on _____ and assigned Application No. _____

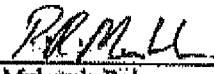


and in and to said application, and all divisional, continuing, substitute, renewal, reissue, provisional, and all other application for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements or based on said application; and in and to all original and reissued patents which have been or shall be issued in the United States and foreign countries from any of said applications, and in and to all rights of priority resulting from the filing of any of said applications; and in and to all rights which may exist under the International Convention for the Protection of Industrial Property to any of the foregoing;

- II. agree that said Assignee may apply for and receive Letters Patent for improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent application on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors and assigns; and
- III. covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein identified has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN WITNESS to my/our agreement to the foregoing, I/we have executed this Assignment as set forth below:

Verizon entity (Assignee): Verizon Data Services Inc., having a place of business at One East Telecom Parkway, Mail Code B3E, Temple Terrace, FL 33637.

ASSIGNORS:

Signature: <u></u>	Date: <u>09/21/07</u>
Signature: <u></u>	Date: <u>9/21/07</u>
Signature: <u></u>	Date: <u>9/21/07</u>

Mukunda Raju
Laxmi Patel
Enrique Ruiz-Velasco