501950847 06/11/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Michael J. Naggar	06/05/2012
Ashutosh K. Sureka	06/04/2012
Shuchi Patel	05/31/2012

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:	13493246

CORRESPONDENCE DATA

 Fax Number:
 (703)439-2658

 Phone:
 571-297-0007

 Email:
 pto@snyderLLP.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Correspondent Name: Snyder, Clark, Lesch and Chung, LLP

Address Line 1: 950 Herndon Parkway

Address Line 2: Suite 365

Address Line 4: Herndon, VIRGINIA 20170

NAME OF SUBMITTER: Thomas W. Edman

Total Attachments: 3

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> PATENT REEL: 028352 FRAME: 0857

OP \$40 00 13493246

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 worldwide right, fule and interest in and to any and all improvements which are described in the application for United States Letters. Patent entitled

CROSS-PLATFORM CONTENT MANAGEMENT INTERFACE

Ashich has been executed by the undersigned concurrently herewith, and in which cas Use hereby authorize and respect the Assignee, its successors, assigns and/or legal representatives, to insert here in the parentheses (Application Number 13/493,246, filed June 11, 2012) the filing date and application number of said application when known.
District was illed on and assigned Application No.
and in and to said application, and all divisional, continuing (in whole or in part), substitute, renewal reissue, provisional, and all other applications 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 or claiming priority to 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 Proxecuton of Industrial Property to any of the foregoing;
II. agree that said Assignce may apply for and receive Letters Patent for said improvements in its own name; and shat, 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 (in whole or in part), substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful cuths, declarations, assignments, powers of afformey and other papers; communicate to said Assignee. Its successors, assigns, and representatives, all facits known to undersigned relating to said improvements and the bistory 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 fix vesting title to said improvements and all applications for Letters Patent and all Letters Patent on said improvements, in
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 bull right to convey the same as herein expressed is possessed by the undersigned.
IN WITNESS to my/nur agreement to the foregoing. I/we have executed this Assignment as set forth below:
Verizon entity (Assignee): Verizon Patent and Licensing Inc., having a place of business at One Verizon Way, Basking Ridge, NJ 07920.
ASSEQNORS: , / //
Signame: 4/5/12
Signature: / Date:
Signature: Date:

PATENT REEL: 028352 FRAME: 0858

Venzim investion Assignment for Verizon Reference No.: 201/20084

Page 1 of 1

ASSIGNMENT

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

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 worldwide right, title and interest in and to any and all improvements which are described in the application for United States Letters Patent entitled

CROSS-PLATFORM CONTENT MANAGEMENT INTERFACE

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Owhich was filed on at	nd assigned Application No.	
and in and to said application, and all divisional, or reissue, provisional, and all other applications for Le United States and all foreign countries on any of said application; and in and to all original and reissued pat States and foreign countries from any of said application of filing of any of said applications; and in and to Convention for the Protection of Industrial Property to	tters Patent which have been or shall be filed in the improvements or based on or claiming priority to said ents which have been or shall be issued in the United ions, and in and to all rights of priority resulting from all rights which may exist under the International	
agree that said Assignee may apply for and receive Letters Patent for said 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 (in whole or in part), substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, declarations, 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 Letters Patent and all Letters Patent on said improvements, in said Assignee, its successors and assigns; and		
II. 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 Patent and Licensing Inc Basking Ridge, NJ 07920.	., having a place of business at One Verizon Way,	
ASSIGNORS:		
Signature: Michael J. Naggar Signature: Ashutosh K. Sureka	Date:	
Signature: Shuchi Patel	Date:	

33.

PATENT

REEL: 028352 FRAME: 0859

Verizon Invention Assignment for Verizon Reference No.: 20120084 Page 1 of 1

ASSIGNMENT

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

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entity identified below ("Assignee") and its successors and assigns, the entire worldwide right, title and
interest in and to any and all improvements which are described in the application for United States Letters
Patent entitled

CROSS-PLATFORM CONTENT MANAGEMENT INTERFACE

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 13/49)					
date and application number of said application when known.	s				
which was filed on and assig	med Application No.				
and in and to said application, and all divisional, continuing reissue, provisional, and all other applications for Letters Parameter United States and all foreign countries on any of said improve application; and in and to all original and reissued patents who States and foreign countries from any of said applications, and the filing of any of said applications; and in and to all right Convention for the Protection of Industrial Property to any of	atent which have been or shall be filed in the ements or based on or claiming priority to said nich have been or shall be issued in the United at in and to all rights of priority resulting from the which may exist under the International				
II. agree that said Assignee may apply for and receive Letters Patent for said 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 (in whole or in part), substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, declarations, 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 Letters Patent and all Letters Patent on said improvements, in said Assignee, its successors and assigns; and					
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ASSIGNORS:					
Signature: Date:	·				
Signature: Date:					
5 V 8	<u> 5/31/2012</u>				

PATENT REEL: 028352 FRAME: 0860

RECORDED: 06/11/2012