

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4003896

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
VERIZON PATENT AND LICENSING INC.	08/11/2016
RECEIVING PARTY DATA	
Name:	VERIZON DIGITAL MEDIA SERVICES INC.
Street Address:	22000 AOL WAY
City:	DULLES
State/Country:	VIRGINIA
Postal Code:	20166
PROPERTY NUMBERS Total: 7	
Property Type	Number
Application Number:	14665914
Application Number:	14665874
Application Number:	14743773
Application Number:	14876168
Application Number:	15077795
Application Number:	15097171
Application Number:	15097189
CORRESPONDENCE DATA	
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<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>	
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Correspondent Name:	LOS ANGELES PATENT GROUP
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NAME OF SUBMITTER:	ARMAN KATIRAEI
SIGNATURE:	/Arman Katiraei/
DATE SIGNED:	08/11/2016
Total Attachments: 2	

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ASSIGNMENT

From "ASSIGNOR": Verizon Patent and Licensing Inc. One Verizon Way Basking Ridge, NJ 07920 USA	To "ASSIGNEE": Verizon Digital Media Services Inc. 22000 AOL Way Dulles, VA 20166 USA
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WHEREAS, ASSIGNOR is the exclusive owner of the patent applications (the "Applications") as described in Exhibit A and attached hereto and incorporated by reference herein.

WHEREAS, ASSIGNOR desires to convey, transfer, assign, deliver, and contribute to ASSIGNEE all of its right, title, and interest in and to the Applications described in Exhibit A.

WHEREAS, ASSIGNEE is desirous of securing and memorializing its entire right, title, and interest in and to the Applications described in Exhibit A in all countries throughout the world, and any Letters Patent to be issued upon the Applications or any applications claiming priority to these applications.

NOW THEREFORE, be it known that, for good and valuable consideration, receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the ASSIGNEE, its lawful successors and assigns, ASSIGNOR's entire right, title, and interest in and to the Applications described in Exhibit A, including rights to the inventions, pending patent applications, divisions, and continuations thereof, all Letters Patent of the United States which may be granted thereon, all reissues thereof, all rights to claim priority on the basis of the Applications and/or Letters Patent, all applications for Letters Patent which may hereafter be filed for the Applications in any foreign country, all Letters Patent which may be granted on the Applications in any foreign country, and all extensions, renewals, and reissues thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on the Applications, to issue all Letters Patent for the Applications to ASSIGNEE, its successors and assigns, in accordance with the terms of this Assignment;

AND, ASSIGNOR HEREBY covenants that ASSIGNOR has the full right to convey the interest assigned by this Assignment, and ASSIGNOR has not executed and will not execute any agreement in conflict with this Assignment;

AND, ASSIGNOR HEREBY authorizes the ASSIGNEE (or its designee) to apply for patent (or similar legal protection) in its own name if desired, in any and all countries;

AND, ASSIGNOR HEREBY further covenants and agrees that ASSIGNOR will, without further consideration, communicate with ASSIGNEE, its successors and assigns, any facts known respecting the Applications, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to the Applications in said ASSIGNEE, its successors or assigns, execute all nonprovisional, divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and assigns, to obtain and enforce proper patent protection in the United States and any foreign country.

(ASSIGNOR) Verizon Patent and Licensing Inc.

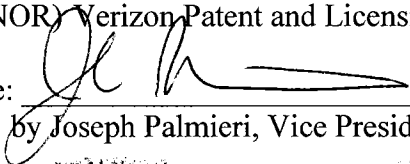
Signature:  Date: Aug. 11, 2016
by Joseph Palmieri, Vice President

EXHIBIT A – PATENT APPLICATIONS

Title	Serial #	Patent #	Filing Date	Docket #
CPE NETWORK CONFIGURATION SYSTEMS AND METHODS	14/665,914	N/A	3/23/2015	20141701
CPE DEVICE INSTALLATION AND OPERATION	14/665,874	N/A	3/23/2015	20141702
SERVER-SIDE BLACKOUT ENFORCEMENT	14/743,773	N/A	6/18/2015	20150166
DYNAMIC MEDIA TRANSFORMATION SERVICE IN A CDN	14/876,168	N/A	10/6/2015	20150645
SPEEDY CLIPPING	15/077,795	N/A	3/22/2016	20160094
MEDIA PLAYBACK PING	15/097,171	N/A	4/12/2016	20160060
STREAM BOUNDARY MARKING FOR DYNAMIC CONTENT REPLACEMENT	15/097,189	N/A	4/12/2016	20160104