

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5138393

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JUN XU	10/27/2014
CHANDRASEKHAR SANGIREDDI	10/24/2014
ROBERT JAMES TORRES	10/23/2014
THOMAS JAGODITS	10/24/2014
SANDEEP AHLUWALIA	10/21/2014
LIQING XIAO	10/21/2014
SATYAJIT ROY	10/20/2014
ALEXEY RAZUVAEV	10/24/2014
YEQING TANG	10/22/2014
RECEIVING PARTY DATA	
Name:	HUGHES NETWORK SYSTEMS, LLC
Street Address:	11717 EXPLORATION LANE
City:	GERMANTOWN
State/Country:	MARYLAND
Postal Code:	20876
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16129713
CORRESPONDENCE DATA	
Fax Number:	(858)509-3691
<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>	
Email:	docketing@sheppardmullin.com
Correspondent Name:	SHEPPARD MULLIN RICHTER & HAMPTON LLP
Address Line 1:	12275 EL CAMINO REAL
Address Line 2:	SUITE 200
Address Line 4:	SAN DIEGO, CALIFORNIA 92130
ATTORNEY DOCKET NUMBER:	37BT-286266
NAME OF SUBMITTER:	CINDY VARELA

SIGNATURE:	/Cindy Varela/
DATE SIGNED:	09/12/2018
Total Attachments: 4 source=assignment#page3.tif source=assignment#page4.tif source=assignment#page5.tif source=assignment#page6.tif	

ASSIGNMENT

WHEREAS, Jun Xu of Takoma Park, Maryland, Chandrasekhar Sangireddi of Boyds, Maryland, Robert James Torres of New Market, Maryland, Thomas Jagodits of Poolesville, Maryland, Sandeep Ahluwalia of Gaithersburg, Maryland, Liqing Xiao of Clarksburg, Maryland, Satyajit Roy of Gaithersburg, Maryland, Alexey Razuvaev of Gaithersburg, Maryland and Yeqing Tang of North Potomac, Maryland, Assignors, have invented a new and useful BANDWIDTH MANAGEMENT ACROSS LOGICAL GROUPINGS OF ACCESS POINTS IN A SHARED ACCESS BROADBAND NETWORK, for which an United States Utility patent application was filed on September 8, 2014, under Serial No. 14/480,093; and

WHEREAS, Assignors believe themselves to be the original, first, and joint inventors of the inventions disclosed and claimed in the application for Letters Patent; and

WHEREAS, Hughes Network Systems, LLC, having a place of business at 11717 Exploration Lane, Germantown, Maryland 20876, Assignee, desires to acquire by formal, recordable assignment the entire right, title and interest in and to the inventions, the application, and any Letters Patent that might be granted for the inventions in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, said Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the

International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said Assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.

AND for the same consideration, said Assignors hereby covenant and agree to and with said Assignee its successors, legal representatives and assigns, that said Assignors will, whenever counsel of said Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said Assignee, its successors, legal representatives and assigns, but at the cost and expense of said Assignee, its successors, legal representatives and assigns.


AND for the same consideration, said Assignors hereby covenant and agree to and with said Assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said Assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

Assignors authorize and request the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for the

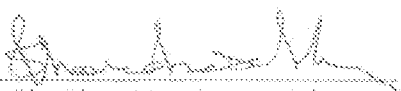
inventions, whether on the application or on any subsequently filed division, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in the inventions.

ASSIGNORS:

Date: 10/27/2014


Jun Xu

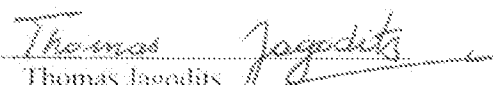
Date: 10/29/2014


Chandrasekhar Sangireddi

Date: _____

Robert James Torres


Date: 10/24/2014


Thomas Jagodits

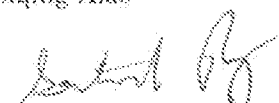
Date: 10/21/2014


Sandeep Ahluwalia

Date: 10/21/2014


Liqing Xiao

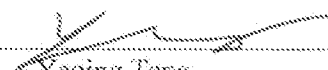
Date: 10/20/2014


Satyajit Roy

Date: 10/24/2014



Alexey Razuvaev

Date: 10/22/2014


Yeqing Tang

inventions, whether on the application or on any subsequently filed division, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in the inventions.

ASSIGNORS:

Date: _____	_____
	Jun Xu
Date: _____	_____
	Chandrasekhar Sangireddi
Date: <u>10/23/2014</u>	_____
	 Robert James Torres
Date: _____	_____
	Thomas Jagodits
Date: _____	_____
	Sandeep Ahluwalia
Date: _____	_____
	Liqing Xiao
Date: _____	_____
	Satyajit Roy
Date: _____	_____
	Alexey Razuvaev
Date: _____	_____
	Yeqing Tang