503285119 04/29/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YASH VASAVADA	04/15/2015
CHANNASANDRA RAVISHANKAR	04/29/2015
DEEPAK ARUR	04/13/2015
MICHAEL PARR	04/13/2015

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:	14663442

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 301-299-4624

Email: Craig@potomactechlaw.com

Correspondent Name: POTOMAC TECHNOLOGY LAW, LLC

Address Line 1: 9713 SOTWEED DRIVE

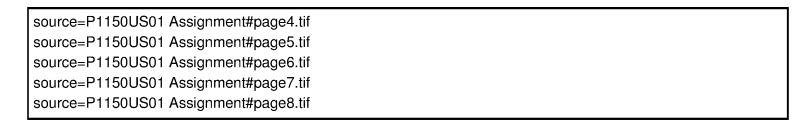
Address Line 4: POTOMAC, MARYLAND 20854

ATTORNEY DOCKET NUMBER:	P1150US01
NAME OF SUBMITTER:	CRAIG PLASTRIK
SIGNATURE:	/Craig Plastrik/
DATE SIGNED:	04/29/2015

Total Attachments: 8

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PATENT 503285119 REEL: 035525 FRAME: 0624



PATENT REEL: 035525 FRAME: 0625

Assignor(s):	Yash VASAVADA, Channasandra RAVISHANKAR, Deepak ARUR, Michael PARR			
Assignee:	Hughes Network Systems, LLC 11717 Exploration Lane, Germantown, Maryland, 20876			
Patent Applica	Patent Application(s):			
Title:	APPARATUS AND METHOD FOR NETWORK-LEVEL SYNCHRONIZATION IN MULTIPLE LOW EARTH ORBIT (LEO) SATELLITE COMMUNICATIONS SYSTEMS			
	executed by the undersigned concurrently herewith			
Ø	Application No(s):	14663442	Filing Date:	2015-03-19

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I/we, the above-named Assignors, hereby:

sell, assign and transfer to the above-named Assignee (and its successors, assigns and legal representatives) the entire right, title and interest (for the United States and all foreign countries) in and to: (1) the above-identified patent application(s) ("the Application(s)"), including any and all improvements that are disclosed in the Application(s); and (2) all divisional, continuing, substitute, renewal, reissue and all other patent applications, which have been or are subsequently filed in the United States and any and all foreign countries, based on or claiming priority to the Application(s), or based on any of said improvements; and (3) all original and reissued patents that have been or are subsequently issued in the United States and any and all foreign countries from the Application(s) or based on any of said improvements; and (4) any and all rights of priority arising from the filing of the Application(s) in the United States and any and all foreign countries; and

agree that the Assignee may apply for and receive a patent or patents from the Application(s) and for said improvements in its own name; and that, to carry out in good faith the intent and purpose of this Assignment, I/we (without charge to, but at the expense of the Assignee) shall: execute the Application(s), and all divisional, continuing, substitute, renewal, reissue and other patent applications based on or claiming priority to the Application(s), or based on any and all of said improvements, and execute all associated assignments and powers of attorney; convey to the Assignee (and its successors, assigns and legal representatives) all known facts relating to the Application(s) said improvements and the history thereof; and generally assist the Assignee (and its successors, assigns and legal representatives) in securing and maintaining proper patent protection for the Application(s) and said improvements, and for vesting title in and to the Application(s), and all applications for patents and all patents on said improvements, in the Assignee (and its successors, assigns and legal representatives); and

Page 1 of 2

grant, m	ortgage, license, or othe others by the Assignor(s)	r agreement affecting the rig	and legal representatives) that no assignment, this and property herein conveyed has been the same as herein expressed is possessed by
Date:	4/15/15	Yash VASAVADA:	James (44 m x-14)
Date:		Channasandra RAVISHANKAR:	
Date:		Deepak ARUR:	
Date:		Michael PARR:	

Assignor(s):	Yash VASAVADA, Channasandra RAVISHANKAR, Deepak ARUR, Michael PARR			
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Patent Applica	ation(s):			
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Page 1 of 2

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Date:		Yash VASAVADA:	
Date:	April 29, 2015	Channasandra RAVISHANKAR:	<u> </u>
Date:		Deepak ARUR:	
Date:		Michael PARR:	

Assignor(s):	Yash VASAVADA, Channasandra RAVISHANKAR, Deepak ARUR, Michael PARR			
Assignee:	Hughes Network Systems, LLC 11717 Exploration Lane, Germantown, Maryland, 20876			
Patent Applic	ation(s):			
Title:	APPARATUS AND METHOD FOR NETWORK-LEVEL SYNCHRONIZATION IN MULTIPLE LOW EARTH ORBIT (LEO) SATELLITE COMMUNICATIONS SYSTEMS			
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×	Application No(s):	14663442	Filing Date:	2015-03-19

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Page 1 of 2

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Date:	Yash VASAVADA:	
Date:	Channasandra RAVISHANKAR:	
Date: 4 13 201	Deepak ARUR:	SAm
Date:	Michael PARR:	

Ø	Application No(s):	14663442	Filing Date:	2015-03-19
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m	executed by the und	larsîgnad cancueran	tiv borowith	
Title:			RK-LEVEL SYNCHRONIZ NICATIONS SYSTEMS	ATION IN MULTIPLE LOW
Patent Applic	ation(s):			
*	11717 Exploration Lane, Germantown, Maryland, 20876			
Assignee:	Hughes Network Systems, LLC			
Assignor(s):	Yash VASAVADA, Channasandra RAVISHANKAR, Deepak ARUR, Michael PARR			

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covenant with the Assignee (and its successors, assigns and legal representatives) that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the Assignor(s), and that full right to convey the same as herein expressed is possessed by the Assignor(s).			
Date:		Yash VASAVADA:	
Date:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Channasandra RAVISHANKAR:	
Date:		Deepak ARUR:	
Date:	<u>A 13 6205</u>	Michael PARR:	44-