

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>Yezdi Antia</td> <td>01/27/2012</td> </tr> <tr> <td>Dave Roos</td> <td>01/27/2012</td> </tr> <tr> <td>Neal Becker</td> <td>01/30/2012</td> </tr> </tbody> </table>		Name	Execution Date	Yezdi Antia	01/27/2012	Dave Roos	01/27/2012	Neal Becker	01/30/2012
Name	Execution Date								
Yezdi Antia	01/27/2012								
Dave Roos	01/27/2012								
Neal Becker	01/30/2012								
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									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13323467</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13323467				
Property Type	Number								
Application Number:	13323467								
CORRESPONDENCE DATA									
Fax Number:	(703)519-9958								
Email:	docket@dcpatent.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	DITTHAVONG MORI & STEINER, P.C.								
Address Line 1:	918 Prince St.								
Address Line 4:	Alexandria, VIRGINIA 22314								
ATTORNEY DOCKET NUMBER:	P5857US02								
NAME OF SUBMITTER:	Phouphanomketh Ditthavong								
Total Attachments: 2 source=P5857US02_Assignment#page1.tif source=P5857US02_Assignment#page2.tif									

OP \$40.00 13323467

Attorney Docket No.: P5857US01

Patent

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I (we) the undersigned, Yezdi ANTIA, Dave ROOS and Neal BECKER hereby sell, assign, and transfer to Hughes Network Systems, LLC, a corporation of Delaware, having a principal place of business at 11717 Exploration Lane, Germantown, MD 20876 ("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 any and all improvements that are disclosed in the application for the United States patent, entitled:

SYSTEM AND METHOD FOR MULTI-CARRIER MULTIPLEXING

- which has been executed by the undersigned concurrently herewith,
 which was filed on December 12, 2011 and assigned Serial No. 13/323,467

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents 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, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all assignments and powers of attorney; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives 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, assigns, and legal representatives; and

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 conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

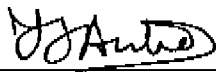
The undersigned hereby grant(s) registered practitioners of the firm of Dithavong Mori & Steiner, P.C. of 918 Prince Street, Alexandria, Virginia, 22314, the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Attorney Docket No.: P5857US01


Patent

Each Inventor: Please Sign and Date Below:


Jan 27, 2012
Date


Name: Yezdi ANTIA

Jan 27, 2012
Date


Name: Dave ROOS

Jan 30, 2012
Date


Name: Neal BECKER