

# PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Satyajit ROY	07/23/2009
Douglas DILLON	07/22/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Hughes Network Systems, LLC
<b>Street Address:</b>	11717 Exploration Lane
<b>City:</b>	Germantown
<b>State/Country:</b>	MARYLAND
<b>Postal Code:</b>	20876
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12508931
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)827-8000
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	312-372-1121
<b>Email:</b>	chicago.patents@klgates.com
<b>Correspondent Name:</b>	K&L Gates LLP
<b>Address Line 1:</b>	P.O. BOX 1135
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60690
<b>ATTORNEY DOCKET NUMBER:</b>	115426-1169
<b>NAME OF SUBMITTER:</b>	Phouphanomketh Ditthavong
<b>Total Attachments: 2</b> source=115426-1169_P2924US00_Assignment_filed07-24-09#page1.tif source=115426-1169_P2924US00_Assignment_filed07-24-09#page2.tif	

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**PATENT**  
**REEL: 023002 FRAME: 0742**

### ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned, Satyajit Roy and Douglas Dillon 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, Maryland 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:

#### PERFORMANCE ENHANCING PROXY HANDOVER

- ☒ which has been executed by the undersigned concurrently herewith,  
☐ which was filed on and assigned Serial No.

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.

Attorney Docket No.: 115426-1169  
Ditthavong Mori & Steiner, P.C. Docket No.: P2924US00

Patent

**Each Inventor: Please Sign and Date Below:**

7/27/2009  
Date

Satyajit Roy  
Name: Satyajit Roy

7/22/2009  
Date

Douglas M. Dillon  
Name: Douglas Dillon