PATENT ASSIGNMENT COVER SHEET
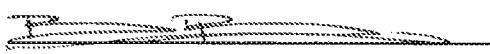
Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5951279

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BASSEL F. BEIDAS	01/29/2020
ROHIT IYER SESHADRI	01/29/2020

RECEIVING PARTY DATA

Name:	HUGHES NETWORK SYSTEMS, LLC
Street Address:	11717 EXPLORATION DRIVE
City:	GERMANTOWN
State/Country:	MARYLAND
Postal Code:	20876

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16784207

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	403-0066
NAME OF SUBMITTER:	JASBIR SINGH
SIGNATURE:	/Jasbir Singh/
DATE SIGNED:	02/06/2020

Total Attachments: 1
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PATENT ASSIGNMENT

Assignor(s):	Bassel F. BEIDAS; Rohit Iyer SESHADRI
Assignee:	Hughes Network Systems, LLC 11717 Exploration Lane Germantown, MD 20876

Patent Application(s):

Title: **Near-Capacity Iterative Detection of Co-Channel Interference for A High-Efficiency Multibeam Satellite System**

☒ executed by the undersigned concurrently herewith

☐ Application No(s): Filing Date:

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

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: 1/24/2020	Bassel F. BEIDAS: _____
Date: 1/24/2020	Rohit Iyer SESHADRI: _____

PATENT