503892991 06/28/2016 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	DATA				
		Name		Execution Date	
DONALD L RUNYON				06/21/2016	
RECEIVING PARTY D	ΑΤΑ				
Name:	ViaSat, I	ViaSat, Inc.			
Street Address:	6155 EI	6155 El Camino Real			
City:	Carlsbac	Carlsbad			
State/Country:	CALIFO	CALIFORNIA			
Postal Code:	92009				
Application Number:	1	5162428			
CORRESPONDENCE	DATA				
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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to ViaSat, Inc., having a place of business at 6155 El Camino Real, Carlsbad CA 92009 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

- 1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the application for United States Letters Patent entitled: <u>TRUE</u> <u>TIME DELAY COMPENSATION IN WIDEBAND PHASED ARRAY FED</u> <u>REFLECTOR ANTENNA SYSTEMS ("APPLICATION")</u>, which: is to be filed herewith (attorney docket no._____)
 - was filed on 23-May-2016, now bearing U.S. Serial No.: 15/162,428
- 2. The entire worldwide right, title, and interest in and to: (a) the APPLICATION, including any right of priority; (b) any divisional, continuation, substitute, renewal, reissue, and other related applications which have been or may be filed in the United States or elsewhere in the world; and (c) any patents which may be granted on the applications set forth in (a) and (b) above.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the right, title, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has made or will make hereafter no assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

I hereby authorize and request the attorney of record for this application to insert above the filing date and application number when known, if applicable.

Name & Signature

NXE Runyon, Donald L

Date of Signature

2IJUNE 2016

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PATENT REEL: 039032 FRAME: 0721

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