502928179 08/08/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2974779

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID W CORMAN	07/29/2014
DONALD L RUNYON	07/18/2014
DAVID HANCHARIK	08/06/2014

RECEIVING PARTY DATA

Name:	ViaSat, Inc.
Street Address:	6155 El Camino Real
City:	Carlsbad
State/Country:	CALIFORNIA
Postal Code:	92009

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14334280

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: 7604764622

Email: patent-admin@viasat.com

Correspondent Name: VIASAT, INC.

Address Line 1: 6155 EL CAMINO REAL

Address Line 4: CARLSBAD, CALIFORNIA 92009

ATTORNEY DOCKET NUMBER:	VS-0420-US-3
NAME OF SUBMITTER:	STACY NGUYEN
SIGNATURE:	/STACY NGUYEN/
DATE SIGNED:	08/08/2014

Total Attachments: 3

source=140808_signed_assignment_ALL#page1.tif source=140808_signed_assignment_ALL#page2.tif source=140808_signed_assignment_ALL#page3.tif

PATENT 502928179 REEL: 033497 FRAME: 0719

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:

A500A (W291)	CLARE 1' fol fixel fill its successive' transierces' aim assignees' me tous and:
******	The entire worldwide right, title, and interest in all inventions and improvements ("SUBJEC MATTER") that are disclosed in the application for United States Letters Patent entitled: Half Duplex Phased Array Antenna System ("APPLICATION"), which: is to be filed herewith (attorney docket no) was filed on 17-Jul-2014, now bearing U.S. Serial No.: 14/334,280
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.
INVE ASSIGNEE's	NTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER i own name.
carry out the isother papers in (2) communic lawful acts the protection relaconveyed. IN with the benefit	NTOR agrees to do the following, when requested, and without further consideration, in order to intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, an necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed to the ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do a set ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide pater ating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests hereing to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests hereing to the subject of the subjec
and covenants	INTOR represents that INVENTOR has the right, title, and interests to convey as set forth hereing with ASSIGNEE that the INVENTOR has made or will make hereafter no assignment, granules, or other agreement affecting the rights, titles, and interests herein conveyed.
	Assignment may be executed in one or more counterparts, each of which shall be deemed an original ch may be taken together as one and the same Assignment.
Name & Signa	ature Date of Signature
D. 41/1	10-29-14
Corman, David	

Runyon, Donald L.

Hancharik, David

Page 1 of 1

PATENT REEL: 033497 FRAME: 0720

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:

 The entire worldwide right, title, and interest in all in MATTER") that are disclosed in the application for Un Duplex Phased Array Antenna System ("APPLICAT is to be filed herewith (attorney docket no. was filed on 17-Jul-2014, now bearing U.S. Ser 	nited States Letters Patent entitled: <u>Half-</u> ION"), which:)
 The entire worldwide right, title, and interest in and to: (a) the APPLICATION, including any right of pric substitute, renewal, reissue, and other related application United States or elsewhere in the world; and (c) any applications set forth in (a) and (b) above. 	s which have been or may be filed in the
INVENTOR agrees that ASSIGNEE may apply for and received ASSIGNEE's own name.	ive patents for SUBJECT MATTER in
INVENTOR agrees to do the following, when requested, and vecarry out the intent of this Assignment: (1) execute all oaths, assignment other papers necessary or desirable to fully secure to ASSIGNEE the rig (2) communicate to ASSIGNEE all known facts relating to the SUBJE lawful acts that ASSIGNEE shall consider desirable for securing, main protection relating to the SUBJECT MATTER and for vesting in ASSIGNEOUVEY. INVENTOR further agrees to provide any successor, assign with the benefits and assistance provided to ASSIGNEE hereunder. INVENTOR represents that INVENTOR has the right, title, and and covenants with ASSIGNEE that the INVENTOR has made or will mortgage, license, or other agreement affecting the rights, titles, and inter-	ats, powers of attorney, applications, and alts, titles and interests herein conveyed; ECT MATTER; and (3) generally do all taining, and enforcing worldwide patent NEE the rights, titles, and interests herein n, or legal representative of ASSIGNEE d interests to convey as set forth herein, il make hereafter no assignment, grant,
This Assignment may be executed in one or more counterparts, eand all of which may be taken together as one and the same Assignment.	*
Name & Signature	Date of Signature
Corman, David W Runyon, Donald L	7-18-2014
Hancharik, David	

Page 1 of 1

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 a MATTER") that are disclosed in the application for Duplex Phased Array Antenna System ("APPLIC" is to be filed herewith (attorney docket no. was filed on 17-Jul-2014, now bearing U.S.	or United States Letters Patent entitled: Half-CATION"), which:
2.	The entire worldwide right, title, and interest in and (a) the APPLICATION, including any right of substitute, renewal, reissue, and other related applic United States or elsewhere in the world; and (c) applications set forth in (a) and (b) above.	priority; (b) any divisional, continuation, ations which have been or may be filed in the
INVEN ASSIGNEE's o	NTOR agrees that ASSIGNEE may apply for and own name.	receive patents for SUBJECT MATTER in
carry out the in other papers no (2) communical lawful acts that protection relations conveyed. IN with the benefit INVEN and covenants mortgage, licental This As	NTOR agrees to do the following, when requested, a stent of this Assignment: (1) execute all oaths, assigneessary or desirable to fully secure to ASSIGNEE that to ASSIGNEE all known facts relating to the SUL ASSIGNEE shall consider desirable for securing, ing to the SUBJECT MATTER and for vesting in ASVENTOR further agrees to provide any successor, as and assistance provided to ASSIGNEE hereunder. STOR represents that INVENTOR has the right, title with ASSIGNEE that the INVENTOR has made one see, or other agreement affecting the rights, titles, and assignment may be executed in one or more counterpant may be taken together as one and the same Assignment	nments, powers of attorney, applications, and he rights, titles and interests herein conveyed; JBJECT MATTER; and (3) generally do all maintaining, and enforcing worldwide patent SIGNEE the rights, titles, and interests herein assign, or legal representative of ASSIGNEE, and interests to convey as set forth herein, or will make hereafter no assignment, grant, interests herein conveyed.
Name & Signat	ure	Date of Signature
Corman, David V	V	
Runyon, Donald	L	
Hancharik, David	olli.	8 6 2014

Page 1 of 1