506050331 05/07/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6097045

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DONALD L. RUNYON	03/06/2019
DOMINIC Q. NGUYEN	03/15/2019
JAMES W. MAXWELL	03/06/2019

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:	16706051

CORRESPONDENCE DATA

Fax Number: (303)473-2720

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: 3034732700

Email: dlwilliams@hollandhart.com

Correspondent Name: HOLLAND & HART LLP/VIASAT

Address Line 1: P.O. BOX 11583

Address Line 4: SALT LAKE CITY, UTAH 84147

ATTORNEY DOCKET NUMBER:	VS1499-US-6 (78120.0345)
NAME OF SUBMITTER:	PER H. LARSEN
SIGNATURE:	/PER H. LARSEN/
DATE SIGNED:	05/07/2020

Total Attachments: 6

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> PATENT REEL: 052605 FRAME: 0374

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:
	DUAL-CIRCULAR POLARIZED ANTENNA SYSTEM ("APPLICATION"), which:
	is to be filed herewith (attorney docket no)
	was filed on <u>25-Jan-2019</u> , now bearing U.S. Application No.: <u>16/258,275</u>
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

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

applications set forth in (a) and (b) above.

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	Date of Signature
Norld Xton	06 MAR 2019
Ponald L. Runyon	······································

Name & Signature	Date of Signature
Dominic Q. Nguyen	
James W. Maxwell	

ASSIGNMENT

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1.	MATTER"	worldwide right, title, and that are disclosed in the and RCULAR POLARIZED is to be filed herewith (att was filed on 25-Jan-2019)	application for Unit O ANTENNA SYS torney docket no	ed States Letters Pa STEM ("APPLICA	ntent entitled: .TION"), which: _)
2.	(a) the substitu United	tire worldwide right, title, a APPLICATION, including ute, renewal, reissue, and of States or elsewhere in the ations set forth in (a) and (b)	g any right of priori other related applica world; and (c) any	ty; (b) any division tions which have b	een or may be filed in the
INV ASSIGNEE	-	grees that ASSIGNEE may ne.	apply for and recei	ve patents for SUB	JECT MATTER in
carry out the other papers (2) communately lawful acts protection reconveyed.	e intent of the second of the	grees to do the following, whis Assignment: (1) execut or desirable to fully secure SIGNEE all known facts reconstructed by the SUBJECT MATTER and further agrees to provide ssistance provided to ASSIGNEE to do to the SUBJECT with the sistance provided to ASSIGNEE and the SUBJECT with the sistance provided to ASSIGNEE and the sistance	te all oaths, assignment to ASSIGNEE the relating to the SUBJole for securing, mand for vesting in ASS any successor, assignment.	nents, powers of attorights, titles and in ECT MATTER; and intaining, and enfor SIGNEE the rights,	orney, applications, and terests herein conveyed; ad (3) generally do all reing worldwide patent titles, and interests herein
and covenar	nts with AS	epresents that INVENTOR SIGNEE that the INVENT ther agreement affecting the	OR has made or wi	ll make hereafter n	o assignment, grant,
	-	nt may be executed in one e taken together as one and	-		nall be deemed an origina
	•	rize and request the attorned en known, if applicable.	y of record for this	application to inser	t above the filing date and
Name & Sig	<u>gnature</u>			Date of Signat	<u>ure</u>

Donald L. Runyon

Name & Signature	Date of Signature
Dominic O. Nouven	3/15/19
Dominic Q. Nguyen	•
James W. Maxwell	

REEL: 052605 FRAME: 0378

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:

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L.	(a) the APPLICATION, including any right substitute, renewal, reissue, and other relate	of priority; (b) any divisional, continuation, d applications which have been or may be filed in the l (c) any patents which may be granted on the
INVEN ASSIGNEE's o		and receive patents for SUBJECT MATTER in
carry out the in other papers ne (2) communica lawful acts that protection relat conveyed. INV	tent of this Assignment: (1) execute all oaths, cessary or desirable to fully secure to ASSIG te to ASSIGNEE all known facts relating to the ASSIGNEE shall consider desirable for securing to the SUBJECT MATTER and for vesting to the SUBJECT MATTER.	ested, and without further consideration, in order to assignments, powers of attorney, applications, and NEE the rights, titles and interests herein conveyed; the SUBJECT MATTER; and (3) generally do all aring, maintaining, and enforcing worldwide patenting in ASSIGNEE the rights, titles, and interests herein assor, assign, or legal representative of ASSIGNEE eunder.
and covenants		tht, title, and interests to convey as set forth herein, ade or will make hereafter no assignment, grant, tles, and interests herein conveyed.
	ssignment may be executed in one or more contains the may be taken together as one and the same	ounterparts, each of which shall be deemed an original Assignment.
	y authorize and request the attorney of record nber when known, if applicable.	for this application to insert above the filing date and
Name & Signat	<u>ture</u>	Date of Signature
Donald L. Runy	yon	

Page 1 of 2

Name & Signature	Date of Signature
Dominic Q. Nguyen	
	03/06/2019
James W. Maxwell	·