

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KENNETH V. BUER	09/13/2017
MARK J. MILLER	09/13/2017
CHRISTOPHER J. CRONIN	09/13/2017
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:	16143874
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ATTORNEY DOCKET NUMBER:	VS2053-US-2 (1103518)
NAME OF SUBMITTER:	EMILY TITUS
SIGNATURE:	/Emily Titus/
DATE SIGNED:	09/27/2018
Total Attachments: 4	
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ASSIGNMENT & APPOINTMENT OF COMMON REPRESENTATIVE

WHEREAS, we, **Kenneth V. Buer**, of Gilbert, AZ, **Mark J. Miller**, of Vista, CA, and **Christopher J. Cronin**, of Monrovia, MD, have invented a certain new and useful invention entitled, "**BEAMFORMER FOR END-TO-END BEAMFORMING COMMUNICATIONS SYSTEM**", for which a patent application is being prepared for filing with the United States Patent & Trademark Office, said application being identified as Attorney File No. **VS2053-US-1**.

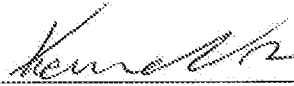
NOW THEREFORE, be it known that we together and each of us individually, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, **ViaSat, Inc.**, a California corporation having a place of business at **6155 El Camino Real, Carlsbad, California, 92009** its successors, legal representatives and assigns, the aforesaid application and all rights to claim priority directly or indirectly to the aforesaid application and all non-provisional utility, continuation, divisional, continuation-in-part and reissue applications, all patent applications that claim priority directly or indirectly to the aforesaid application, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention(s), and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention(s) in the United States or any other country; each of us also assigns any right, title or interest in and to the invention(s) that has not already been transferred to the assignee; each of us warrants that no assignment of the invention(s), application or patent therefore has been made to a party other than **ViaSat, Inc.**; each of us warrants that there is no obligation to make any assignment of the invention(s), application, or any patent therefore to any party other than **ViaSat, Inc.**; and each of us further agrees to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention(s), but at the expense of said assignee.

The Commissioner for Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment to **ViaSat, Inc.**, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

Furthermore, we together and each individually hereby irrevocably appoint **ViaSat, Inc.**, its successors, legal representatives and assigns, as common representative for any and all international patent applications filed pursuant to the Patent Cooperation Treaty, and all national phase applications derived therefrom, concerning the invention(s) or claiming priority from the aforesaid application.

IN WITNESS WHEREOF, the party hereto has executed this Assignment & Appointment of Common Representative as of the date indicated hereunder.

Date: 9/13/19

By: 
Kenneth V. Buer

Date: _____

By: _____
Mark J. Miller

Date: _____

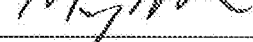
By: _____
Christopher J. Cronin

Date: _____

By: _____

Kenneth V. Buer

Date: 9/13/2017

By:  _____

Mark J. Miller

Date: _____

By: _____

Christopher J. Cronin

Date: _____

By: _____

Kenneth V. Buer

Date: _____

By: _____

Mark J. Miller

Date: 9/13/17

By: 

Christopher J. Cronin