

PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
US Monolithics, LLC	11/24/2009
RECEIVING PARTY DATA	
Name:	ViaSat, Inc.
Street Address:	6155 El Camino Real
City:	Carlsbad
State/Country:	CALIFORNIA
Postal Code:	92009-1699
PROPERTY NUMBERS Total: 25	
Property Type	Number
Patent Number:	6362689
Patent Number:	6388528
Patent Number:	6996165
Patent Number:	7116706
Patent Number:	7272170
Patent Number:	6542035
Patent Number:	7006791
Patent Number:	6771930
Patent Number:	6359515
Patent Number:	7035617
Patent Number:	6664855
Patent Number:	6798313
Patent Number:	7095293
Patent Number:	6670865
Patent Number:	6867651

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PATENT  
REEL: 023594 FRAME: 0310

Patent Number:	7157793
Application Number:	12179430
Patent Number:	7180367
Patent Number:	7535320
Application Number:	12467945
Application Number:	12467941
Patent Number:	7342468
Patent Number:	7280010
Patent Number:	7489022
Application Number:	12367932

#### CORRESPONDENCE DATA

Fax Number: (602)382-6070

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 602-382-6367

Email: jplatt@swlaw.com

Correspondent Name: Snell & Wilmer L.L.P.

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Address Line 2: John H. Platt

Address Line 4: Phoenix, ARIZONA 85004

ATTORNEY DOCKET NUMBER:	36956.0003
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NAME OF SUBMITTER:	John H. Platt
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Total Attachments: 8

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## PATENT ASSIGNMENT

This Patent Assignment (this "Assignment") is made as of November 24, 2009 (the "Effective Date") by US Monolithics, LLC, a limited liability company organized and existing under the laws of the State of Arizona, having a place of business at 1388 North Tech Blvd., Gilbert, Arizona 85233 ("Assignor"), for the benefit of ViaSat, Inc., a corporation organized and existing under the laws of the State of Delaware, having a place of business at 6155 El Camino Real, Carlsbad, California 92009-1699 ("Assignee").

NOW THEREFORE, in consideration of the premises and the mutual covenants contained herein, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:

1. Grant and Assignment. Effective as of the Effective Date, Assignor does hereby sell, transfer, convey, assign and deliver to Assignee, or its successors, assigns, and designees, all right, title, and interest in and to those certain patents and pending applications listed on Exhibit A attached hereto, including any other intellectual property rights, all product related trade secrets as of the Effective Date, any provisional, non-provisional, continuation, continuation in part, divisional, reissue, reexamination, foreign, PCT or other patent application or like document, or any other application which claims priority to said certain patents and pending applications, in the United States and all foreign countries (collectively, the "Patents"), together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, and hereby authorizes and requests the Commissioner of Patents to issue any Letters Patent issuing from or claiming priority to said application to Assignee, for the sole use and benefit of Assignee, its successors, assigns and legal representatives; the Patents to be held by Assignee for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors, assigns and other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made; together with all claims for damages by reason of past infringements of the Patents, along with the right to sue for and collect such damages for the use and benefit of Assignee and Assignee's successors, assigns and other legal representatives.

2. Representations and Warranties of the Parties. Each party warrants that (i) this Assignment is a legal, valid and binding obligation of the warranting party, (ii) it has full power and authority to enter into and perform its obligations under this Assignment in accordance with its terms, and (iii) it is and will remain free of any obligations and restrictions that would prevent or impede its performance of its obligations under this Assignment.

3. Further Assurances. Each party will, without additional consideration, take such further actions and execute promptly such further documents as are necessary to effect and record the above assignment, including any actions or documents required by the applicable registrar to document the transfer herein or as may be necessary to protect, secure and vest good, valid and marketable title to the Patents and related rights in Assignee.


4. Recording of Assignment. Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any officer of any country or

countries foreign to the United States, whose duty it is to issue Patents or other evidence or forms of intellectual property protection or applications as, to issue the same to Assignee and Assignee's successors, assigns and other legal representatives in accordance with the terms of this instrument.

IN WITNESS WHEREOF, this Assignment has been executed as of the day and year first written above.

**ASSIGNOR:**

**US MONOLITHICS, LLC**

By:   
Gregory Monahan  
Manager – US Monolithics, LLC

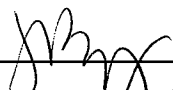
**Acknowledgement by Notary Public**

State of California

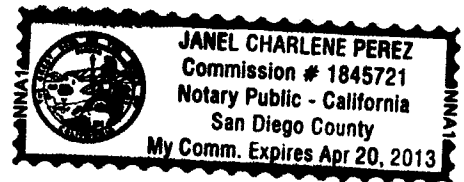
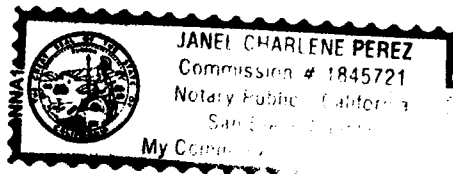
County of San Diego

On this 24th day of November, 2009, before me, the undersigned Notary Public, personally appeared Gregory Monahan, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same.

Seal:


Signature: 

Name: Janel Charlene Perez, Notary Public



**ASSIGNEE:**

**VIASAT, INC.**

By:   
Keven K. Lippert  
Vice President, General Counsel and Secretary

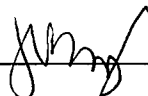
**Acknowledgement by Notary Public**

State of California

County of San Diego

On this 24<sup>th</sup> day of November, 2009, before me, the undersigned Notary Public, personally appeared Keven K. Lippert, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same.

Seal:

Signature: 

Name: Janel Charlene Perez, Notary Public



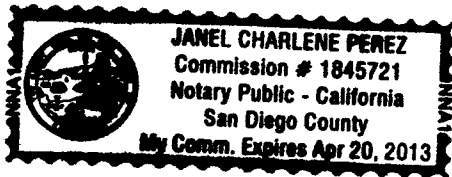
# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of San Diego

On 11.24.2009 before me, Janel Charlene Perez, Notary Public

personally appeared Karen K. Lippert and Gregory D. Monahan



who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Place Notary Seal Above

Signature

Signature of Notary Public

**OPTIONAL**

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.*

## Description of Attached Document

Title or Type of Document: Assignment

Document Date: 11.24.2009

Number of Pages: 3

Signer(s) Other Than Named Above: n/a

## Capacity(ies) Claimed by Signer(s)

Signer's Name: Keven K. Lippert

- ☐ Individual  
☒ Corporate Officer — Title(s): Vice President  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney in Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing: Self

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here

Signer's Name: Gregory D. Monahan

- ☐ Individual  
☒ Corporate Officer — Title(s): Manager  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney in Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing: Self

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here

**EXHIBIT A**  
**PATENTS AND PATENT APPLICATIONS**

<b>S&amp;W Docket No.</b>	<b>ViaSat Docket No.</b>	<b>Title</b>	<b>Inventor(s)</b>	<b>Application No.</b>	<b>Patent No.</b>	<b>Country</b>
.0100	USM0001-US	MMIC Folded Power Amplifier	Buer	09/667,942	6,362,689	US
.0117	USM0012-US-CON	MMIC Folded Power Amplifier	Lyons Buer Grondahl	09/961,599	6,388,528	US
.0120	USM0001-TW	MMIC Folded Power Amplifier	Buer Lyons Grondahl	90123465	190959	TW
.0200	USM0003-US	Single Oscillator Transceiver Frequency Plan	Cook	10/059,465	6,996,165	US
.0217	USM0003-US-CIP	Single Oscillator Transceiver Frequency Plan	Cook Buer	10/233,886	7,116,706	US
.0236	USM0003-US-CON	Single Oscillator Transceiver Frequency Plan	Cook	11/275,932	7,272,170	US
.0500	USM0005-US	Modular High Power Solid State Amplifier	Cook Lyons Pietz Stanfield	09/750,927	6,542,035	US
.0700	USM0007-US	System and Method for Uplink Power Control by Detecting Amplifier Compression Point Using DC Current Detection	Buer	09/810,995	7,006,791	US
.0705	USMEP7	S&M for Uplink Power Control	Buer	2725111.5	1374446	EP
.0706	USM0007-FR	S&M for Uplink Power Control	Buer		1374446	FR
.0707	USM0007-DE	S&M for Uplink Power Control	Buer		602 11 873.5-08	DE
.0717	USM0011-US	S&M for Uplink Power Control	Buer	09/867,008	6,771,930	US
.0720	USM0007-TW	S&M for Uplink Power Control	Buer Hudson Luly Weaver Westall	91105001	199659	TW
.0721	USM0007-GB	S&M for Uplink Power Control	Buer		1374446	GB
.0759	USM0007-IT	S&M for Uplink Power Control	Buer		30707BE/2006	IT
.0794	USM0011-TW	S&M for Uplink Power Control	Buer Hudson Luly Weaver Westall	91105000	178940	TW
.0795	USM0011-EP	S&M for Uplink Power Control	Buer	2753610.1		EP
.0900	USM0009-US	MMIC Folded Power Amplifier	Buer	09/832,590	6,359,515	US
.1000	USM0010-US	High Power Block Upconverter	Buer Torkington Stanfield	10/066,024	7,035,617	US

**EXHIBIT A**  
**PATENTS AND PATENT APPLICATIONS**

<b>S&amp;W Docket No.</b>	<b>ViaSat Docket No.</b>	<b>Title</b>	<b>Inventor(s)</b>	<b>Application No.</b>	<b>Patent No.</b>	<b>Country</b>
.1100	USM0017-US	MMIC Driver Amplifier Having Zig-Zag RF Signal Flow	Buer Dendy	10/118,277	6,664,855	US
.1105	USMEP17	MMIC Driver Amplifier Having Zig-Zag RF Signal Flow	Buer Dendy		1396080	EP
.1106	USM0017-FR	MMIC Driver Amplifier Having Zig-Zag RF Signal Flow	Buer Dendy	France E.P. Patent No. 1396080		FR
.1107	USM0017-DE	MMIC Driver Amplifier Having Zig-Zag RF Signal Flow	Buer Dendy		02 746 323.1 / 1 396 080	DE
.1120	USM0017-TW	MMIC Driver Amplifier Having Zig-Zag RF Signal Flow	Buer Dendy	91111879	185899	TW
.1121	USM0017-GB	MMIC Driver Amplifier Having Zig-Zag RF Signal Flow	Buer Dendy	Great Britan E.P. Patent No. 1396080		GB
.1159	USM0017-IT	MMIC Driver Amplifier Having Zig-Zag RF Signal Flow	Buer Dendy		020843BE/2006	IT
.1300	USM0015-US	Monolithic Microwave Integrated Circuit with Bondwire and Landing Zone Bias	Buer	10/159,420	6,798,313	US
.1305	USM0015-EP	Off-Chip Bias Feed System	Buer	02737335.6		EP
.1317	USM0015-US-CON	Methods and Devices for Providing Bias to a Monolithic Microwave Integrated Circuit	Buer	10/711,306	7,095,293	US
.1320	USM0015-TW	Off-Chip Bias Feed System	Buer	91111883	201268	TW
.1900	USM0024-US	Method & Apparatus for Low Loss High Radio Frequency Transmission	Lopez	10/162,277	6,670,865	US
.1905	USMEP24	Method & Apparatus for Low Loss High Radio Frequency Transmission	Lopez	2734678.2	1396087	EP
.1906	USM0024-FR	Method & Apparatus for Low Loss High Radio Frequency Transmission	Lopez	France E.P. Patent No. 1396087		FR
.1907	USM0024-DE	Method & Apparatus for Low Loss High Radio Frequency Transmission	Lopez		602 13 982.1-08	DE
.1920	USM0024-TW	Method & Apparatus for Low Loss High Radio Frequency Transmission	Lopez	91112078	197493	TW



**EXHIBIT A**  
**PATENTS AND PATENT APPLICATIONS**

<b>S&amp;W Docket No.</b>	<b>ViaSat Docket No.</b>	<b>Title</b>	<b>Inventor(s)</b>	<b>Application No.</b>	<b>Patent No.</b>	<b>Country</b>
.1921	USM0024-GB	Method & Apparatus for Low Loss High Radio Frequency Transmission	Lopez	Great Britan E.P. Patent No. 1396087		GB
.1959	USM0024-IT	Method & Apparatus for Low Loss High Radio Frequency Transmission	Lopez		35068BE/2006	IT
.2400	USM0040-US-CIP	MMIC Driver Amplifier Having Zig-Zag RF Signal Flow	Menon Buer Dendy	10/701,010	6,867,651	US
.2500	USM0044-US	Direct Semiconductor Cooling	Torkington Filreis Buer	10/849,097	7,157,793	US
.2605	USM0041-EP	High Power Parallel Block-Up Converter	Buer Noel Fred T.	05771704.3	1782544	EP
.2606	USM0041-FR	High Power Parallel Block-Up Converter	Buer Noel Fred T.	5771704.3		FR
.2607	USM0041-DE	High Power Parallel Block-Up Converter	Buer Noel Fred T.	60 2005 011 155.7		DE
.2620	USM0041-TW	High Power Parallel Block-Up Converter	Buer Noel Fred T.	94124059	1271043	TW
.2621	USM0041-GB	High Power Parallel Block-Up Converter	Buer Noel Fred T.	5771704.3		GB
.2634	USM0041-CN	High Power Parallel Block-Up Converter	Buer Noel Fred T.	2.0058E+11		CN
.2659	USM0041-IT	High Power Parallel Block-Up Converter	Buer Noel Fred T.	3302BE/2008		IT
.2817	USM0052-US-2	Feed Assembly For Dual-Band Transmit-Receive Antenna	Wachter Torkington Cook Buer	12/179,430		US
.2820	USM0052TW	Systems, Methods and Devices for Ku/Ka-Band Transmitter-Receiver	Wachter Torkington Cook Buer	95102780		TW
.2900	USM0049-US	Systems, Methods and Devices for Differential Active Bias of Multi-Stage Amplifiers	Woods Menon	10/905,522	7,180,367	US
.2905	USM0049-EP	Systems, Methods and Devices for Differential Active Bias of Multi-Stage Amplifiers	Woods Menon	5112852.8		EP

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<b>S&amp;W Docket No.</b>	<b>ViaSat Docket No.</b>	<b>Title</b>	<b>Inventor(s)</b>	<b>Application No.</b>	<b>Patent No.</b>	<b>Country</b>
.2911	USM0049-KR	Systems, Methods and Devices for Differential Active Bias of Multi-Stage Amplifiers	Woods Menon	10-2006-0001217	10-0850403	KR
.3000	USM0053	Phase Shifter with Flexible Control Voltage	Grondahl Buer	11/160,845	7,535,320	US
.3005	USM0053-EP	Phase Shifter with Flexible Control Voltage	Grondahl Buer	6750744.2		EP
.3017	USM0053-US2	Phase Shifter with Flexible Control Voltage	Grondahl Buer	12/467,945		US
.3020	USM0053-TW	Phase Shifter with Flexible Control Voltage	Buer Grondahl	95114836		TW
.3036	USM0053-US3	Phase Shifter with Flexible Control Voltage	Grondahl Buer	12/467,941		US
.3100	USM0047-US	Polymide Filter Tuning	Lopez Woods	10/906,900	7,342,468	US
.3105	USM0047-EP	Polymide Filter Tuning	Lopez Woods	6717656		EP
.3120	USM0047-TW	Polymide Filter Tuning	Lopez Woods	95103660		TW
.3200	USM0046-US	Dielectric Resonator RF Interconnect	Buer Laidig	10/907,425	7,280,010	US
.3300	USM0048-US	Radio Frequency Over-Molded Leadframe Package	Torkington Lyons Buer	11/161,420	7,489,022	US
.3305	USM0048-EP	Radio Frequency Over-Molded Leadframe Package	Torkington Lyons Buer	6751843.1		US
.3317	USM0048-US-2	Radio Frequency Over-Molded Leadframe Package	Torkington Lyons Buer	12/367,932		US
.3320	USM0048-TW	Radio Frequency Over-Molded Leadframe Package	Torkington Lyons Buer	95118985		TW