

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Raymond L. Mills</td> <td>07/08/2013</td> </tr> <tr> <td>Erwin C. Hudson</td> <td>07/08/2013</td> </tr> </tbody> </table>		Name	Execution Date	Raymond L. Mills	07/08/2013	Erwin C. Hudson	07/08/2013				
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Raymond L. Mills	07/08/2013										
Erwin C. Hudson	07/08/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>ViaSat, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>6155 El Camino Real</td> </tr> <tr> <td>City:</td> <td>Carlsbad</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>92009</td> </tr> </table>		Name:	ViaSat, Inc.	Street Address:	6155 El Camino Real	City:	Carlsbad	State/Country:	CALIFORNIA	Postal Code:	92009
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13924220</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13924220						
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CORRESPONDENCE DATA											
<p>Fax Number: 3034732720 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 3034732700 Email: sesoares@hollandhart.com Correspondent Name: Per H. Larsen Address Line 1: Holland & Hart LLP Address Line 2: P.O. Box 8749 Address Line 4: Denver, COLORADO 80201</p>											
ATTORNEY DOCKET NUMBER:	P014.01.01 (78120.0147)										
NAME OF SUBMITTER:	Per H. Larsen										
Signature:	/Per H. Larsen/										
Date:	07/16/2013										

CH \$40.00 13924220

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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**DECLARATION (FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET)
and
ASSIGNMENT**

We, Raymond L. Mills and Erwin C. Hudson, as the inventors, hereby declare that this declaration is directed to:

Title of Invention: DISTRIBUTED CACHE – ADAPTIVE MULTICAST
 ARCHITECTURE FOR BANDWIDTH REDUCTION

Filing Date: June 21, 2013

Application No.: 13/924,220

The above-identified application was made or authorized to be made by us.

We believe that we are the original joint inventors of a claimed invention in the application.

We hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, Raymond L. Mills, a resident of Calhan, Colorado; and Erwin C. Hudson, a resident of Centennial, Colorado; hereinafter referred to as "Assignors," are the inventors described and set forth in the above-identified applications.

WHEREAS, ViaSat, Inc., located at 6155 El Camino Real, Carlsbad, California 92009, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and applications listed above and in any U.S. Letters Patent and Registrations which may be granted on any patent application claiming priority from the same.

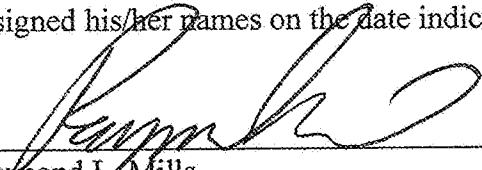
For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that Assignors will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and

(c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed his/her names on the date indicated.

Dated: July 8, 2013



Raymond L. Mills

Dated: _____

Erwin C. Hudson

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For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

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IN TESTIMONY WHEREOF, Assignors have signed his/her names on the date indicated.

Dated: _____

Raymond L. Mills

Dated: 08 July 2013 _____



Erwin C. Hudson