

<b>PATENT ASSIGNMENT COVER SHEET</b>
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOHN GROE	09/30/2005
THOMAS HARDIN	10/04/2005
MAHBUBA SHEBA	09/30/2005
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SEQUOIA COMMUNICATIONS CORP
<b>Street Address:</b>	10805 RANCHO BERNARDO ROAD
<b>Internal Address:</b>	SUITE 200
<b>City:</b>	SAN DIEGO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92127
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	10202501
<b>Patent Number:</b>	7171170
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(650)838-2001
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<b>Correspondent Name:</b>	ALSTON & BIRD LLP
<b>Address Line 1:</b>	BANK OF AMERICA PLAZA
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<b>NAME OF SUBMITTER:</b>	STEVEN D. HEMMINGER
<b>SIGNATURE:</b>	/Steven D. Hemminger/
<b>DATE SIGNED:</b>	11/26/2014
<b>Total Attachments: 3</b>	
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source=446917_Assignment3#page2.tif	



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 Sequoia Communications Corp., a Delaware corporation, having a place of business at 10805 Rancho Bernardo Road, Suite 200, San Diego, California 92127, ("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 provisional application filed under 35 U.S.C. §111(b) or non-provisional application filed under 35 U.S.C. §111(a) and entitled **ENVELOPE LIMITING FOR POLAR MODULATORS**, which:

- is to be filed herewith (Attorney Docket No. )  
 was filed on 7/23/2002,  
 now bearing U.S. application number 10/202,501 (Docket #702); and

2. The entire worldwide right, title, and interest in and to:  
 (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION;  
 (c) all utility, divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), (c) and (d) above; and (e) all right of priority in the APPLICATION, together with all rights to recover damages for infringement of provisional rights.

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

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 rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

Title of Document: ASSIGNMENT

Re: Patent Application of John Groe  
Title: Envelope Limiting for Polar Modulators  
Filed: 7/23/2002  
Application No.: 10/202,501

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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.

Name and Signature \_\_\_\_\_

Date of Signature \_\_\_\_\_

John Groe  
John Groe

Sept 30 2005

State of California

County of San Diego

On 9/30/05  
[DATE]

before me, Jana Querin personally  
[Name of Witness]

appeared John Groe personally known to me or proved to me on the basis  
John Groe

of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Jana Querin  
Signature of Witness

Title of Document: ASSIGNMENT

Re: Patent Application of John Groe  
Title: Envelope Limiting for Polar Modulators  
Filed: 7/23/2002  
Application No.: 10/202,501

Name and Signature \_\_\_\_\_

Date of Signature \_\_\_\_\_

Thomas Hardin  
Thomas Hardin

4 Oct 2005

State of California

County of San Diego

On 10/4/05 before me, Julia Querin personally  
[DATE] [Name of Witness]

appeared Thomas Hardin personally known to me or proved to me on the basis  
Thomas Hardin

of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Julia M. Querin  
Signature of Witness

Name and Signature \_\_\_\_\_

Date of Signature \_\_\_\_\_

Mahbuba Sheba  
Mahbuba Sheba

9/30 2005

State of California

County of San Diego

On 9/30/05 before me, Julia Querin personally  
[DATE] [Name of Witness]

appeared Mahbuba Sheba personally known to me or proved to me on the basis  
Mahbuba Sheba

of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Julia M. Querin  
Signature of Witness