504711108 01/03/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4757830

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
CHRISTIAN RASMUSSEN	09/15/2015
SEO YEON PARK	09/15/2015
MEHRDAD GIVEHCHI	09/14/2015

RECEIVING PARTY DATA

Name:	ACACIA COMMUNICATIONS, INC.	
Street Address:	3 MILL AND MAIN PLACE	
Internal Address:	SUITE 400	
City:	MAYNARD	
State/Country:	MASSACHUSETTS	
Postal Code:	01754	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15853439

CORRESPONDENCE DATA

Fax Number: (617)646-8646

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: 617-646-8000

Email: patents_TommyF@wolfgreenfield.com WOLF, GREENFIELD & SACKS, P.C. **Correspondent Name:**

Address Line 1: **600 ATLANTIC AVENUE**

Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER: A1117.70042US02	
NAME OF SUBMITTER:	DARLENE J. MORIN
SIGNATURE:	/Darlene J. Morin/
DATE SIGNED:	01/03/2018

Total Attachments: 9

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PATENT REEL: 044520 FRAME: 0376

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to Acacia Communications, Inc., a Delaware Corporation having a place of business at Three Clock Tower Place; Suite 100; Maynard, Massachusetts 01754, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions, including any designs, which are disclosed in:

the application for United States Letters Patent filed in the United States Patent and Trademark Office on February 5, 2014 under Serial No. 61/936,061, and entitled BIAS CONTROL OF MODULATORS FOR GENERATION OF OPTICAL QAM SIGNALS;

the application for United States Letters Patent filed in the United States Patent and Trademark Office on February 5, 2015 under Serial No. 14/615,350, and entitled BIAS CONTROL OF MODULATORS FOR GENERATION OF OPTICAL QAM SIGNALS;

collectively referred to herein as the "APPLICATIONS,"

and in and to the APPLICATIONS and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea;

- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
- 3. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;

Attorney Docket No. A1117.70022US00, 70022US01

Page 1 of 5

- 5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
- 6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Attorney Docket No. A1117.70022US00, 70022US01

Page 2 of 5

9/15 (2d5 Date

Inventor:

Christian Rasmussen

Mortonsvej 19, 2tv, DK-2800 Kgs. Lyngby, Address:

Denmark

Citizenship: Denmark

STATE/COMM	ONWEALTH OF MIGHELOS	$\mathcal{M}_{\mathcal{C}}$	assachiset
COUNTY OF	Migala	Ca	:

On this

 $\hat{m{k}}_{m{l}}$, before me, the undersigned notary public,

proved to me through satisfactory evidence of

personally appeared

Christian Rasmussen

identification, which were

to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

JANENE ASGEIRSSON HAMAGNWENTH OF MASSACHUSETTS My Commission Expires June 24, 2022

My commission expires

Attomey Docket No. A1117.70022US00, 70022US01

Page 3 of 5

4267373.1

ASSIGNMENT

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Page 1 of 5

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- 6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

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Attorney Docket No. A1117.70022US00, 70022US01

Page 2 of 5

STATE/COMMONWEALTH OF MANY LIGHT.

COUNTY OF MADISTRY

On this 9th day of Section 2015, before me, the undersigned notary public, personally appeared Section 2016, proved to me through satisfactory evidence of identification, which were to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge

Inventor:

Address: 141 Highland Street, Berlin, MA 01503

My commission expires:

SEAL

9/15/295

JOHN F. GAVIN
NOTETY Public
My Commission Expires
June 24, 2022

and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

Attorney Docket No. A1117.70022US00, 70022US01

Page 4 of 5

4267373.1

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

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Attorney Docket No. A1117.70022US00, 70022US01

Page 2 of 5

	9/14/2015	
Date		

Inventor: Mehrdad Givehchi

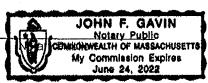
Address: 109 Chander St., #2, Boston, MA 02116

Citizenship: US

STATE/COMMONWEA	LTH OF MAX	vachusetl	
On this 14th personally appeared identification, which were	day of Softm Mehrdad G	ivehchi	, before me, the undersigned notary public, proved to me through satisfactory evidence of
to be the person who sig			cument in my presence and swore or affirmed
			ccurate to the best of (his) (her) knowledge
			it voluntarily for its stated purpose.

SEAL

My commission expires:



Attorney Docket No. A1117.70022US00, 70022US01

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RECORDED: 01/03/2018

PATENT REEL: 044520 FRAME: 0385