

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	07/10/2015

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHER DOERR	09/18/2015

RECEIVING PARTY DATA

Name:	ACACIA COMMUNICATIONS, INC.
Street Address:	THREE CLOCK TOWER PLACE
Internal Address:	SUITE 100
City:	MAYNARD
State/Country:	MASSACHUSETTS
Postal Code:	01754

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	14796390
PCT Number:	US1539963

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	A1117.70005US01&70005WO00
NAME OF SUBMITTER:	DARLENE J. MORIN
SIGNATURE:	/Darlene J. Morin/
DATE SIGNED:	12/18/2015

Total Attachments: 3

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NUNC PRO TUNC ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I the undersigned 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, MA 01754, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, *nunc pro tunc* July 10, 2015, 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 July 10, 2015 under Serial No. 14/796,390, bearing Attorney Docket No. A1117.70005US01, and entitled MULTICHANNEL COHERENT TRANSCEIVER AND RELATED APPARATUS AND METHODS;

the international application filed in the United States Patent and Trademark Office on July 10, 2015 under Serial No. PCT/US2015/39963, bearing Attorney Docket No. A1117.70005WO00, and entitled MULTICHANNEL COHERENT TRANSCEIVER AND RELATED APPARATUS AND METHODS;

the provisional application filed in the United States Patent and Trademark Office on July 11, 2014 under Serial No. 62/023,505, and entitled MULTICHANNEL COHERENT TRANSCEIVER AND RELATED APPARATUS AND METHODS;

collectively referred to herein as the "APPLICATIONS,"

and in and to said APPLICATIONS and all 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 on any of said 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 said inventions, including the right to apply for patent rights in each foreign country, and all rights to priority;

2. Agree that said Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for said inventions in its own name; and when requested, without charge to but at the expense of said 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 said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;

3. Request the Honorable Director of the United States Patent and Trademark Office to issue said Letters Patent to said 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;
5. Covenant with said 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.

This instrument is executed under seal.

9/18/15
Date

Christopher Doerr
Inventor: Christopher Doerr

Address: 17 Johnson Terrace
Middleton, NJ 07748

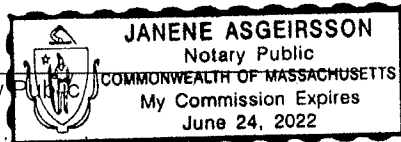
Citizenship: US

STATE/COMMONWEALTH OF MA :

COUNTY OF Middlesex :

On this 18 day of Sept, 2015, before me, the undersigned notary public, personally appeared Christopher Doerr, proved to me through satisfactory evidence of identification, which were DL, 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 knowledge and belief and acknowledged to me that he signed it voluntarily for its stated purpose.

SEAL _____
Notary Public



My commission expires _____