503858178 06/06/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RANDY R. REIBEL	06/24/2011
WILLIAM R. BABBITT	06/24/2011
KRISHNA MOHAN RUPAVATHARAM	06/24/2011

RECEIVING PARTY DATA

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State/Country:	MONTANA	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14670598

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 7478-97024-03 TMH

NAME OF SUBMITTER: TANYA M. HARDING, PH.D.

SIGNATURE: /Tanya M. Harding/

DATE SIGNED: 06/06/2016

Total Attachments: 2

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PATENT 503858178 REEL: 038822 FRAME: 0691

ASSIGNMENT OF PATENT APPLICATION (MSU)

FOR GOOD AND VALUABLE CONSIDERATION.

We, the undersigned (each) have agreed and hereby agree to assign for good and valuable consideration, receipt of which is hereby expressly acknowledged, and do hereby sell, assign and transfer unto

Montana State University, Bozeman, Montana 59717

a corporation organized under the laws of the state of Montana as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

Techniques for Single Sideband Suppressed Carrier (SSBSC) Optical Signals that Scale to Bandwidths over 20 Gigahertz described in an application for Letters Patent of the United States, identified as Attorney Docket No. P4305US00, at Evans & Molinelli PLLC, P. O. Box 7027, Fairfax Station, VA 22039 and filed on 7/1/2010, as Application Serial No. 61/360,714, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.

Inventor's Signature DATE

Randy R. Reibel

Inventor's Printed Name

Witness Signature

Witness Printed Name

PATENT REEL: 038822 FRAME: 0692

ASSIGNMENT OF PATENT APPLICATION (MSU)

Inventor's Signature

William R. Babbitt Inventor's Printed Name

June 24, 2071

Witness Printed Name

Inventor's Signature

Krishna Mohan Rupavatharam

Inventor's Printed Name

PATENT

REEL: 038822 FRAME: 0693

RECORDED: 06/06/2016