503677179 02/03/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUHAS P. BHANDARE	01/29/2016
HEIDER N. EREIFEJ	01/29/2016
IHAB E. KHALOUF	01/29/2016
MARK COLYAR	01/29/2016

RECEIVING PARTY DATA

Name:	FINISAR CORPORATION
Street Address:	200 PRECISION ROAD
City:	HORSHAM
State/Country:	PENNSYLVANIA
Postal Code:	19044

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14975738

CORRESPONDENCE DATA

Fax Number: (603)823-5706

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: 603-652-1400

Email: kurt@rauschenbach.com **Correspondent Name:** KURT RAUSCHENBACH

Address Line 1: P.O. BOX 849

Address Line 4: FRANCONIA, NEW HAMPSHIRE 03580

ATTORNEY DOCKET NUMBER:	FN-1351	
NAME OF SUBMITTER:	KURT RAUSCHENBACH	
SIGNATURE:	/Kurt Rauschenbach/	
DATE SIGNED:	02/03/2016	

Total Attachments: 3

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> **PATENT REEL: 037651 FRAME: 0605** 503677179

ASSIGNMENT

WHEREAS, We, Suhas P. Bhandare, Heider N. Ereifej, Ihab E. Khalouf, and Mark Colyar have invented one or more improvements in:

Method and Apparatus for Characterization and Compensation of Optical Impairments in InP-Based Optical Transmitter

described in an application (or provisional application) for Letters Patent of the United States:

identified by Attorney Docket No., and/or executed by us of even date herewith and about to be filed in the United States Patent Office;

Serial No. 14/975,738 filed in the United States Patent Office on December 19, 2015; and

WHEREAS, Finisar Corporation (and hereinafter called the "ASSIGNEE", which term shall include its successors and assigns), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at 200 Precision Road, Horsham, PA 19044 desires to acquire an interest therein, in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the inventions (which term shall include each and every such invention, or part thereof) described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon or claim priority under international convention, and any and all like rights of exclusion (including extensions thereof) of any country which may be granted on or for said inventions or on said application, including but not limited to continuations, divisionals, reissues, and reexaminations of said application of such Letters Patent; said inventions, applications and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all of our rights arising under or pursuant to any and all international agreements, treaties or laws, including but not limited to the International Convention for the Protection of Industrial Property and the Patent Cooperation Treaty, relating to the protection of industrial property by filing any such applications for Letters Patent. We do hereby authorize said ASSIGNEE to apply in our name or in their own name (in a manner to be agreed upon by said ASSIGNEE) or their designee, for patents and like rights of exclusion on or for said inventions in all countries, claiming (if said ASSIGNEE so desires) the priority of the filing date of said application under the provisions of

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said Convention, Treaty or any such other Convention or Treaty. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said inventions, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries (and all jurisdictions within those countries) of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all Letters Patent to ASSIGNEE for its own name as assignee of our entire right, title and interest therein;

AND, we hereby further agree for ourselves and our respective heirs, executors and administrators, upon request of said ASSIGNEE, to execute and deliver without further compensation any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including: execution of powers of attorney, execution of assignments, the execution of applications for patents in foreign countries; the execution of original, substitution, reissue, divisional or continuation applications; and preliminary or other statements or the giving of testimony in any interference or other proceeding in which said inventions or any application, patent or like rights of exclusion, directed thereto may be involved; and we further hereby authorize ASSIGNEE or its attorneys or agents to insert the correct serial number and filing date into this assignment, if none is indicated on that date of our execution of this assignment;

AND, we do hereby authorize and request the Commissioner of Patents of the United States and the corresponding Official of each country foreign thereto to issue such Letters Patent as shall be granted upon said application or applications and like rights of exclusion based thereon to said ASSIGNEE, its successors, assigns, and legal representatives;

AND, we do hereby covenant for ourselves and for our respective legal representatives and agree with said ASSIGNEE that we have granted no right or license to make, use or sell said inventions to anyone except said ASSIGNEE, that prior to the execution of this deed our right, title and interest in and to said inventions has not been otherwise encumbered by us, and that we have not executed and will not execute any instrument in conflict herewith.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor: SPRNANDON Suhas P. Bhandare

Notary Public
My Commission Expires: 10/17/2

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal

Michele M. McNichol, Notary Public
Horsham Twis., Montgomery County
My Commission Expires Dec. 17, 2016

MEMSIER PENNSYLVANIA ASSOCIATION OF NOTABLES

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	Inventor:	
		Heider N. Ereifej
On this 29th day 74NUAR 2016	, before me,	the undersigned notary public,
personally appeared Heider, N. Ereifej, proved	to me throu	gh satisfactory evidence of
identification, which was PREDNALLY KA		
on the preceding or attached document in my	presence, an	d acknowledged to me that he signed
it voluntarily for its stated purpose.	Skribb	MChellen
COMMONWEALTH OF PENNSYLVANIA N	otary Public	
Notarial Seal Michele M. McNichol, Notary Public Horstam Twp., Montgomery County My Commission Expires Dec. 17, 2016 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES	y Commissi	on Expires: 104/17/60/50
	Inventor:	That E. Khalouf
On this 29 day 2 January 2016 personally appeared Ihab E, Khalouf, proved to identification, which was 2 SSO DALO 1/2 on the preceding or attached document in my it voluntarily for its stated purpose. COMMONWEALTH OF PENNSYLVANIA Notarial Seet Michele M. McNichol, Notary Public Horsham Twp., Montgomery County My Commission Expires Dec. 17, 2016 MEMBER PENNSYLVANIA ASSOCIATION OF NOTARIES	Nown to presence, and Local Company Public otary Public	be the person whose name is signed
	Inventor:	Mark Colyar V
On this 29 day JANUACY 2016 personally appeared Mark Colyar, proved to n which was 156000mLy 100000, to be preceding or attached document in my present voluntarily for its stated purpose. No. M.	the person vice, and acknowledge	atisfactory evidence of identification, whose name is signed on the
Doc.8651		

Michele M. McNichol, Notary Public
Horsham Twp., Montgomery County
My Commission Expires Dec. 17, 2016
NEMBER, PENNSYLVANIA ASSOCIATION OF NITTARIES

COMMONWEALTH OF PENNSYLVANIA Notarial Seal

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RECORDED: 02/03/2016

Joint Assignment