

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
David F. Welch	06/10/2005
Ting-Kuang Chiang	05/23/2005
Radhakrishnan L. Nagarajan	05/20/2005
Vincent G. Dominic	05/23/2005
Fred A. Kish Jr.	06/07/2005

RECEIVING PARTY DATA

Name:	Infinera Corporation
Street Address:	1322 Bordeaux Drive
City:	Sunnyvale
State/Country:	CALIFORNIA
Postal Code:	94089-1005

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11030466

CORRESPONDENCE DATA

Fax Number: (408)572-5343

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 408-572-5340

Email: dcarothers@infinera.com

Correspondent Name: W. Douglas Carothers, Jr.

Address Line 1: 1322 Bordeaux Drive

Address Line 4: Sunnyvale, CALIFORNIA 94089-1005

NAME OF SUBMITTER:

W. Douglas Carothers, Jr.

Total Attachments: 4

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PATENT

REEL: 016125 FRAME: 0134

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<b>ASSIGNMENT OF PATENT APPLICATION</b>		Docket No. P004.C1
Applicant:	David F. Welch et al.	
Serial No:	11/030,466	
Filed:	January 6, 2005	
For:	OPTICAL TRANSMISSION NETWORK WITH RECEIVER PHOTONIC INTEGRATED CIRCUIT (RxPIC) UTILIZING AN OPTICAL SERVICE CHANNEL (OSC)	
Examiner:	Michelle Connelly Cushwa	
Art Unit:	2874	
Confirmation No.	6316	

**Whereas** we, the undersigned, have made certain inventions or discoveries (or both) set forth in the above-identified application for Letters Patent of the United States of America, and

**Whereas** Infinera Corporation, a Delaware corporation having a place of business at 1322 Bordeaux Drive; Sunnyvale, CA 94089, which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

**Now, therefore**, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which is hereby acknowledged, we do hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, Convention and non-Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or

to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to ourselves or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment of Patent Application on the date indicated next to our names.

  
\_\_\_\_\_  
David F. Welch

State of California

County of Santa Clara

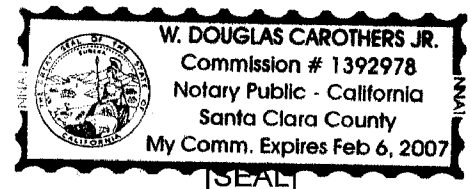
} ss

Date: 6/10/05

On this 10<sup>TH</sup> day of JUNE, 2005, before me, W. Douglas Carothers, Jr., personally appeared **David F. Welch**, personally known to me or proved to me on the basis 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 capacity, and that by his/her signature on this instrument the person, or entity upon behalf of which the person acted, executed this instrument.

WITNESS my hand and official seal

  
\_\_\_\_\_  
Notary Public



☒ Known to me personally

☐ Identification produced: \_\_\_\_\_

☒ Additional assignor name sheets attached.

Assignment 2 of 4

**PATENT**

**REEL: 016125 FRAME: 0137**

27 by Ling  
Ting-Kuang Chiang  
State of California

Date: 5/23/2005

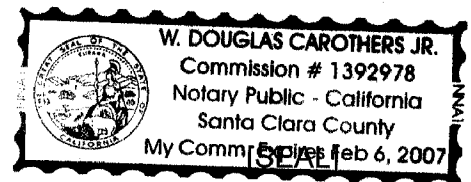
County of Santa Clara

SS

On this 23<sup>RD</sup> day of MAY, 2005, before me, W. Douglas Carothers, Jr., personally appeared **Ting-Kuang Chiang**, personally known to me or proved to me on the basis 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 capacity, and that by his/her signature on this instrument the person, or entity upon behalf of which the person acted, executed this instrument.

WITNESS my hand and official seal.

W. Douglas Carothers Jr.  
Notary Public



☒ Known to me personally

☐ Identification produced: \_\_\_\_\_

Radha Nagarajan  
Radhakrishnan L. Nagarajan

Date: 5/20/05

State of California

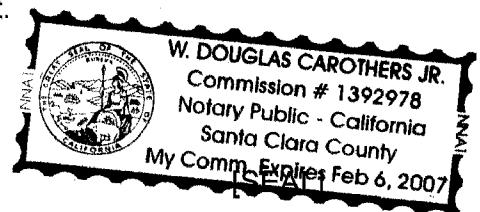
County of Santa Clara

SS

On this 20<sup>TH</sup> day of MAY, 2005, before me, W. Douglas Carothers, Jr., personally appeared **Radhakrishnan L. Nagarajan**, personally known to me or proved to me on the basis 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 capacity, and that by his/her signature on this instrument the person, or entity upon behalf of which the person acted, executed this instrument.

WITNESS my hand and official seal.

W. Douglas Carothers Jr.  
Notary Public



☒ Known to me personally

☐ Identification produced: \_\_\_\_\_

Vincent G. Dominic  
Vincent G. Dominic  
State of California

Date: May 23, 2005

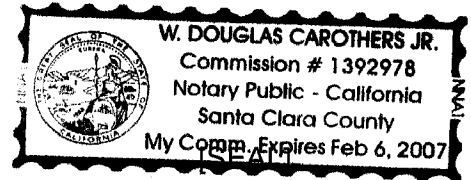
County of Santa Clara

} ss

On this 23<sup>RD</sup> day of MAY, 2005, before me, W. Douglas Carothers, Jr., personally appeared **Vincent G. Dominic**, personally known to me or proved to me on the basis 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 capacity, and that by his/her signature on this instrument the person, or entity upon behalf of which the person acted, executed this instrument.

WITNESS my hand and official seal.

W. Douglas Carothers Jr.  
Notary Public



☒ Known to me personally

☐ Identification produced: \_\_\_\_\_

Fred A. Kish, Jr.  
Fred A. Kish, Jr.  
State of California

Date: 6/7/05

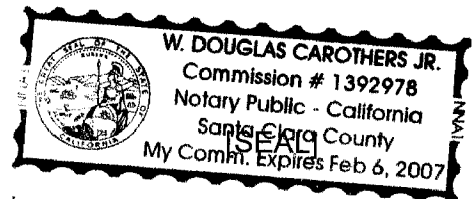
County of Santa Clara

} ss

On this 7<sup>TH</sup> day of JUNE, 2005, before me, W. Douglas Carothers, Jr., personally appeared **Fred A. Kish, Jr.**, personally known to me or proved to me on the basis 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 capacity, and that by his/her signature on this instrument the person, or entity upon behalf of which the person acted, executed this instrument.

WITNESS my hand and official seal.

W. Douglas Carothers Jr.  
Notary Public



☒ Known to me personally

☐ Identification produced: \_\_\_\_\_