

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	12/21/2005
Frank A. Kish Jr.	12/21/2005
Radhakrishnan L. Nagarajan	12/21/2005
Alan C. Nilsson	12/21/2005
Robert B. Taylor	01/23/2006

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:	11268325

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

ATTORNEY DOCKET NUMBER: P060

NAME OF SUBMITTER: W. Douglas Carothers, Jr.

CH \$40.00 11268325

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PATENT
REEL: 017050 FRAME: 0907

Total Attachments: 4

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PATENT

REEL: 017050 FRAME: 0908

ASSIGNMENT OF PATENT APPLICATION		Docket No. P060
Applicant:	David F. Welch et al.	
Serial No:	11/268,325	
Filed:	November 7, 2005	
For:	DEPLOYMENT OF ELECTRO-OPTIC AMPLITUDE VARYING ELEMENTS (AVES) AND ELECTRO-OPTIC MULTI-FUNCTIONAL ELEMENTS (MFES) IN PHOTONIC INTEGRATED CIRCUITS (PICs)	
Examiner:	N/A	
Art Unit:	2633	

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 Date: 12/21/05

State of California

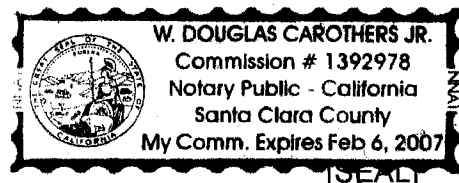
County of Santa Clara

} ss

On this 21ST day of DECEMBER, 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.

W. Douglas Carothers Jr.
Notary Public



☒ Known to me personally

☐ Identification produced: _____

☒ Additional assignor name sheets attached.

Assignment 2 of 4

PATENT

REEL: 017050 FRAME: 0910

Fred A. Kish, Jr. Date: 12/21/05
Fred A. Kish, Jr.

State of California

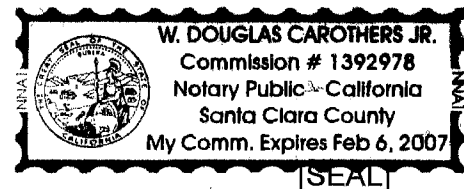
County of Santa Clara

SS

On this 21ST day of DECEMBER, 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: _____

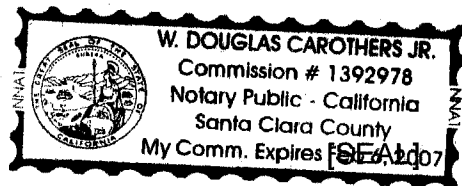
Radha Nagarajan Date: 12/21/2005
Radhakrishnan L. Nagarajan
State of California
County of Santa Clara

SS

On this 21ST day of DECEMBER, 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: _____

Alan C. Nilsson
Alan C. Nilsson

Date: 12/21/05

State of California

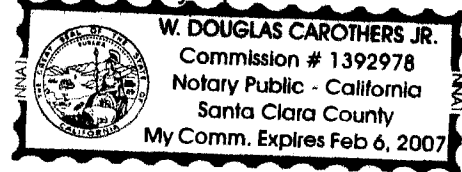
} ss

County of Santa Clara

On this 21ST day of DECEMBER, 2005, before me, W. Douglas Carothers, Jr., personally appeared **Alan C. Nilsson**, 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



[SEAL]

☒ Known to me personally

☐ Identification produced: _____

Robert B. Taylor
Robert B. Taylor
B. BT 01/23/06

Date: 1/23/2006

State of California

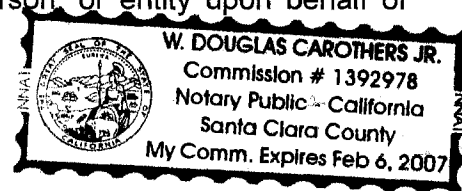
} ss

County of Santa Clara

On this 23RD day of JANUARY, 2006, before me, W. Douglas Carothers, Jr., personally appeared **Robert B. Taylor**, 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



[SEAL]

☒ Known to me personally

☐ Identification produced: _____