
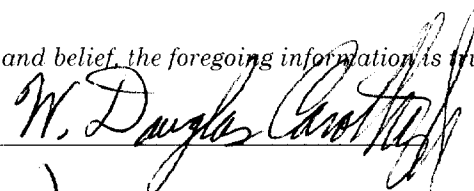


01-31-2003



102353101

To The Honorable Comptroller of the Treasury, Department of the Treasury  
Patents and Trademarks: Please record the attached original document or copy thereof.

<p>1. Name of conveying party(ies):</p> <p style="text-align: right; font-size: 1.5em;">1-29-03</p> <p>Stephen G. Grubb Matthew L. Mitchell Robert B. Taylor Ting-Kuang Chiang Vincent G. Dominic</p> <p>Additional name(s) of conveying party(ies) attached?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: Infinera Corporation Internal Address: Street Address: 1322 Bordeaux Drive Sunnyvale, CA 94089</p> <p>Additional name(s) and addresses attached?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger  <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other</p> <p>Execution Date:</p>	<p>FINANCE SECTION JAN 23 2003 PM 2:41</p>
<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is:</p>	
<p>A. Patent Application No(s):</p> <p>10/285,936, filed October 31, 2002</p>	<p>B. Patent No(s):</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>W. Douglas Carothers, Jr. Infinera Corporation 1322 Bordeaux Drive Sunnyvale, CA 94089-1005</p> <div style="border: 1px dashed black; padding: 5px; text-align: center;">   <b>30471</b>  <small>PATENT TRADEMARK OFFICE</small> </div>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 1.21(h)).....\$40</p> <p>8. Deposit Account Number: 502022 (Attach duplicate copy of this page if paying by deposit account)</p>
<p><b>DO NOT USE THIS SPACE</b></p>	
<p>9. Statement and signature.</p> <p><i>To the best of my knowledge and belief, the foregoing information is true and correct and any copy is a true copy of the original document.</i></p> <p>W. Douglas Carothers, Jr.  Date: January 23, 2003 Registration No. 22,024</p> <p>Total number of pages including cover sheet, attachments and document: 5</p>	

01/30/2003 ECDOPER 00000088 502022 10285936  
01 FC:8021 40.00 CH

**ASSIGNMENT OF PATENT APPLICATION**

Docket No. P005

Applicant: Stephen G. Grubb, et al.  
Serial No: 10/285,936  
Filed: October 31, 2002  
For: AN OPTICAL COMMUNICATION MODULE WITH ONE OR MORE  
PHOTONIC INTEGRATED CIRCUIT (PIC) CHIPS AND AN EXTERNAL  
BOOSTER OPTICAL AMPLIFIER FOR PHOTONIC INTEGRATED  
CIRCUITS (PICs)  
Examiner: N/A  
Art Unit: 2874

**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;

Assignment 1 of 4

Assignment 2 of 4

**PATENT**  
**REEL: 013700 FRAME: 0731**

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.

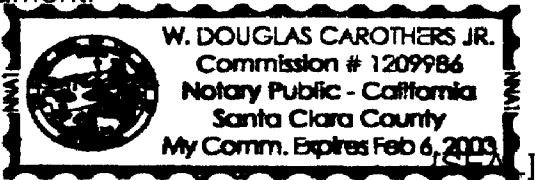
In testimony of which we have executed this Assignment of Patent Application on the date indicated next to our names.

Stephen G. Grubb Date: 12/11/02  
 Stephen G. Grubb

State of California }  
 County of Santa Clara } ss

On this 11<sup>TH</sup> day of DECEMBER, 2002, before me, W. Douglas Carothers, Jr., personally appeared **Stephen G. Grubb**, 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.

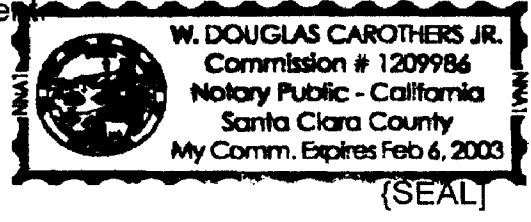
Matthew L. Mitchell  
Matthew L. Mitchell

Date: 1/22/03

State of California }  
County of Santa Clara } ss

On this 22<sup>ND</sup> day of JANUARY, 2003, before me, W. Douglas Carothers, Jr., personally appeared **Matthew L. Mitchell**, 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



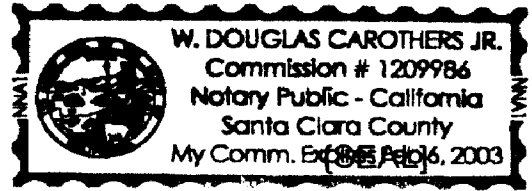
Known to me personally  Identification produced: \_\_\_\_\_

Robert B. Taylor  
Robert B. Taylor Date: 1/20/2003

State of California }  
County of Santa Clara } ss

On this 20<sup>TH</sup> day of JANUARY, 2003, 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



Known to me personally  Identification produced: \_\_\_\_\_

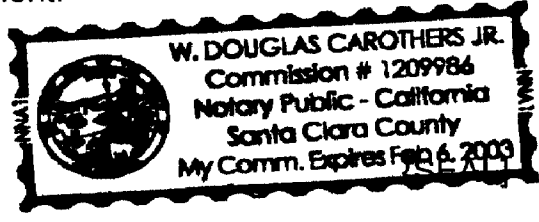
Ting-Kuang Chiang  
Ting-Kuang Chiang

Date: 12/27/02

State of California }  
County of Santa Clara } ss

On this 27<sup>TH</sup> day of DECEMBER, 2002, 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: \_\_\_\_\_

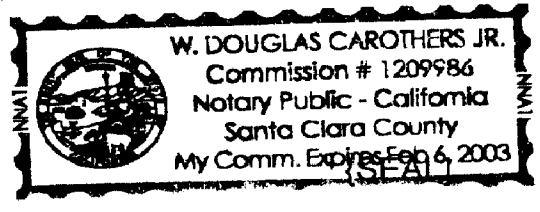
Vincent G. Dominic  
Vincent G. Dominic

Date: Dec. 19, 2002

State of California }  
County of Santa Clara } ss

On this 19<sup>TH</sup> day of DECEMBER, 2002, 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: \_\_\_\_\_