Form PTO-1595

1.31.92

RECORDATION FORM COVER SHEET PATENTS ONLY

U.S. Department of Commerce Patent and Trademark Office

> Via FAX Page 1 of 2

To The Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

	2. Name and address of receiving party(ies):	
1. Name of conveying party(ies):	2. Name and address of receiving party(les): Name: Infinera Corporation	
. Jagdeep Singh Drew D. Perkins	_	
David F. Welch	Internal Address:	
Mark Yin	Street Address:	
Fred A. Kish, Jr.	1322 Bordeaux Drive Sunnyvale, CA 94089	
Additional name(s) of conveying party(ies) attached? Yes No		
3. Nature of Conveyance:		
	Additional name(s) and addresses attached? Yes No	
Security Agreement Change of Name		
Other		
Execution Date: 02/03/2004; 02/27/2004; 02/28/2004; 03/17/2004; and 03/23/2004;		
4. Application number(s) or patent number(s):		
If this document is being filed together with a new a	pplication, the execution date of the application is:	
A. Patent Application No(s).	B. Patent No(s).	
10/267,212, filed October 8, 2002	<u> </u>	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
W. Douglas Carothers, Jr. Infinera Corporation 1322 Bordeaux Drive Sunnyvale, CA 94089-1005	7. Total fee (37 CFR 1.21(h))\$40.00	
	8. Deposit Account Number: 502022	
	(Attach duplicate copy of this page if paying by deposit account)	
DO NOT US	E THIS SPACE	
9. Statement and signature.		
To the best of my knowledge and belief, the foregoing copy of the original document. W. Douglas Carothers, Jr. Registration No. 22,024	Date: March 23, 2004 P016 pages including cover sheet, attachments and document: 9	
Total number of j	rageo monding cover sneet, anachmenta and document. B	

Names of additional Conveying Parties:

Stephen G. Grubb

Robert B. Taylor

Vincent G. Dominic

Matthew L. Mitchell

James R. Doff, Jr.

PATENT REEL: 014454 FRAME: 0281

ASSIGNMENT OF PATENT APPLICATION

Docket No. P016

Applicant:

Jagdeep Singh et al.

Serial No:

10/267,212

Filed:

October 8, 2002

For:

DIGITAL OPTICAL NETWORK ARCHITECTURE

Examiner:

N/A

Art Unit:

2661

Confirm. No. 9499

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:

- Assign, transfer and convey to Assignee the entire right, title and interest in and 1. 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:
- Authorize Assignee to file patent applications in any or all countries on any or all 2. 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;
- Authorize and request the Commissioner of Patents and Trademarks of the 3. 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;
- Warrant that we have not knowingly conveyed to others any right in said 4. 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;

Bind our heirs, legal representatives and assigns, as well as ourselves, to do, 5. 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.

Teles 1		Date:	2-27-04
Jagaeep Singh		***	,
State of California			•
County of Santa Clara			
On this 27 day of EBRUARY, 2 personally appeared Jagdeep Singh/perbasis of satisfactory evidence to be the peinstrument and acknowledged to me that hand that by his/her signature on this instrument the person acted, executed this instrument with the person acted, executed this instrument. WITNESS my hand and official seal. Notary Public Known to me personally	rsonally knownsonerson whose he/she execution the trument the rum(ent.	e name is subscreted the same in person, or entite www.poug	ved to me on the ibed to the within his/her capacity,
✓ Midwii fo tile beisotiglià	Ideliance	mon produced.	

Additional assignor name sheets attached.

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Drew Perh	Date: <u>2-17-2の</u> 6
Drew D. Perkins	
State of California	
County of Santa Clara	
basis of satisfactory evidence to be the instrument and acknowledged to me th	personally known to me or proved to me on the person whose name is subscribed to the within at he/she executed the same in his/her capacity, instrument the person, or entity upon behalf of estrument. W. DOUGLAS CAROTHERS. R. Commission # 1392978 Notary Public - California Santa Claro County My Comm. Expires Feb 6, 2008 EAL.]
	ldentification produced:
David F. Welch	Date: <u>2/27/04</u>
State of California	
County of Santa Clara	-
basis of satisfactory evidence to be the instrument and acknowledged to me the	personally known to me or proved to me on the experson whose name is subscribed to the within nat he/she executed the same in his/her capacity, instrument the person, or entity upon behalf of instrument. W. DOUGLAS CAROTHERS .R. Commission # 1392978 Notary Public - Collifornia Santa Clara County My Comm. Expires Feb 6, 2007
	☐ Identification produced:

Mark 4-	Date: February 27,2004
Mark Yin \	ţ.
State of California	
County of Santa Clara	
On this 27 day of FEBURARY, 200 personally appeared Mark Yin, personally knows attisfactory evidence to be the person which the person acted, executed this instrument which the person acted, executed this instrument which the person acted, executed this instrument which the person acted of the person acte	nose name is subscribed to the within the executed the same in his/her capacity, nent the person, or entity upon behalf of
	Identification produced:
Fred A. Kish, Jr.	Date=2 27/04
State of California	
County of Santa Clara	
On this 27 day of FBRVAR, 20 personally appeared Fred A. Kish, Jr., personally appeared Fred A. Kish, Jr., personally appeared Fred A. Kish, Jr., personally and acknowledged to me that he/s and that by his/her signature on this instrument which the person acted, executed this instrument with the person acted, executed this instrument with the person acted, executed this instrument and official search with the personal and the	on whose name is subscribed to the within she executed the same in his/her capacity, ment the person, or entity upon behalf of
	dentification produced:

Assignment of 7

Steph_ 3. Sulv
Stephen G. Grubb
State of <u>CALIFORNIA</u> ss County of <u>SANTA CLARA</u>
County of SANTA CLARA
On this 2-3 day of MARCH, 2004, 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. Witness my hand and official seal. Notary Public. Notary
Known to me personally □ Identification produced:
Robert B. Taylor
•
State of <u>CALIFORNA</u> ss County of <u>SRNTA OLARIT</u>
On this 17 day of MARCH, 2004, before me, M. DNGLAS 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. W. DOUGLAS CAROTHERS D. Commission # 1392978
County of SINTA CLARIT ss County of SINTA CLARIT ss County of MARCH, 2004, before me, M. DIGLAS 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.

As**pignment f** of 7

Vinent A Dora	<u>. </u>	Date: Feb	27, 2004
/incent G. Dominic			
State of California	S		
County of Santa Clara		•	
On this 2-7 day of FE personally appeared Vincent G. the basis of satisfactory evidence within instrument and acknowle capacity, and that by his/her sibehalf of which the person acted WITNESS my hand and official so Notary Public Known to me personally	Dominic, personally ce to be the person adged to me that he/signature on this instruction in the control of the	whose name is subsisted the same the person, or ment. Sound Clord County Sound Clord County Commission # 1392978 Commission Work Property Commi	red to me on cribed to the ne in his/her entity upon
Matthew L. Mitchell)	Date://2	
State of <u>CALIFORNIA</u> County of <u>SANTA CLARA</u>	SS		
On this 28 day of 1/A personally appeared Matthew the basis of satisfactory evider within instrument and acknowle capacity, and that by his/her shehalf of which the person acted WITNESS my hand and official	NURRY, 200/, before L. Mitchell, personally note to be the person edged to me that heasignature on this instruction executed this instru	whose name is subsishe executed the sairument the person, of ment.	rentity upon Compared to the me in his/her rentity upon Compared to the me in his/her rentity upon
Notary Public /	willy /	My Co	ary Public → California anta Clara County mm. Expirented 4, 2007
Known to me personally		ation produced:	

☐ Known to me personally

Assignment of 7

Jano 1. Hall Date: Feb 3, 200
Jarnes R. Dodd, Jr.
State of California ss
County of Santa Clara
On this 3 day of FEBRUARY, 2004, before me, W. Douglas Carothers, Jr., personally appeared James R. Dodd/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. WITNESS my hand and official seal. Notary Public Collifornic Sonto Cloro County My Comm. Expires Feb 6, 2017 (L.) Identification produced:

RECORDED: 03/23/2004

Assignment 7 of 7

REEL: 014454 FRAME: 0288

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