FORM PTO-1595 (Modified) (Rev. 6-93) OMB No. 0651-0011 (exp.4/94) Copyright 1996-97 LegalStar P08A/REV02

10-26-2001



Docket No.: 527 ET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks	: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): VENKATA SUBBAIAH RANGAVAJJHALA MARK SANDSTROM VENKATA KALAPATAPU	2. Name and address of receiving party(ies): Name: CIENA CORPORATION Address: LEGAL DEPARTMENT					
Additional names(s) of conveying party(ies)	1201 WINTERSON ROAD					
3. Nature of conveyance:						
☑ Assignment						
☐ Security Agreement ☐ Change of Name	City: LINTHICUM State/Prov.: MD					
☐ Other	Country: US ZIP: 21090					
Execution Date: 10/10/01	Additional name(s) & address(es) ☐ Yes ☒ No					
4. Application number(s) or registration numbers(s):	n, the execution date of the application is: October 17, 2001					
Patent Application No. Filing date	B. Patent No.(s)					
Additional numbers	│ │ │ Yes ☒ No					
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:					
Name: HENOCK GESSESSE	7. Total fee (37 CFR 3.41):\$ 40.00					
Registration No. 44,705 Address: CIENA CORPORATION	 Enclosed - Any excess or insufficiency should be credited or debited to deposit account 					
LEGAL DEPARTMENT	☑ Authorized to be charged to deposit account					
City: LINTHICUM State/Prov.: MD	8. Deposit account number:					
/ Country: US ZIP: 21090	50-0308					
	USE THIS SPACE					
01 FC:561 40.00 DP						
9. Statement and signature.	1					
To the best of my knowledge and belief, the foregoing inform of the original document.	nation is true and correct and any attached copy is a true copy					
DAVID L. SOLTZ	OCTOBER 17, 2001					
Name of Person Signing	Signature 2 Date					

Total number of pages including cover sheet, attachments, and

REEL: 012274 FRAME: 0315

ASSIGNMENT

WHEREAS We, the below named inventors, hereinafter referred to as Assignors, have made an invention entitled:

SONET/SDH PAYLOADRE-MAPPING AND CROSS-CONNECT

for	which	We	executed	an	application	for	United	States	Letters	Patent
Ser	ial No	• _			file	ed _		and		

WHEREAS, CIENA Corporation, a corporation of Delaware whose post office address is 1201 Winterson Road, Linthicum, Maryland 21090 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, We, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign

PATENT REEL: 012274 FRAME: 0316 country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

16/5/	Dated: 10/10/01
Venkala Kalapatapu	Dated: 000.
	Dated: