Docket No.: 426

FORM PT 595 (Modified) (Rev. 03-01) (Rev. 03-01) (Rev. 03-01)	HEET U.S. DEPARTMENT OF COMMERCE	
OMB NO. 0031-0027 (exp.0/31/2002)	- Australia Hademaik Ollico	
Tab settings → → ▼ To the Honorable Commissioner of r 10198849		
Name of conveying party(ies):	Name and address of receiving party(ies):	
SRIDHAR BALAKRISHNAN and VIPU BHATNAGAR	2. Name and address of receiving partyless).	
	Name: CIENA CORPORATION	
07/04/07	Address: LEGAL DEPARTMENT	
02/0//02	vi.	
Additional names(s) of conveying party(ies	1201 WINTERSON ROAD	
3. Nature of conveyance:		
	1.0 = 1.0 =	
│ ☑ Assignment ☐ Merger		
☐ Security Agreement ☐ Change of Name	City: LINTHICUM State/Prov.: MD	
☐ Other	Country: USA ZIP: 21090	
22/22/22		
Execution Date: 02/01/02	Additional name(s) & address(es) ☐ Yes ☒ No	
4. Application number(s) or patent numbers(s):		
If this document is being filed together with a new application	n, the execution date of the application is: 02/01/02	
	B. Patent No.(s)	
Patent Application No. Filing date	B. Faterit No.(5)	
	1	
Additional numbers	☐ Yes ☒ No	
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:	
concerning document should be mailed:	G. Folds Hallings of applications	
Name: MICHAEL R. CAMMARATA	7. Total fee (37 CFR 3.41):\$ 40.00	
Registration No. 39,491	 Enclosed - Any excess or insufficiency should be credited or debited to deposit account 	
Address: CIENA CORPORATION	credited of debited to deposit account	
LEGAL DEPARTMENT	☑ Authorized to be charged to deposit account	
1201 WINTERSON ROAD	8. Deposit account number:	
	-	
City: LINTHICUM State/Prov. MD	50-0308	
Country: USA ZIP: 21090	(Attach duplicate copy of this page if paying by deposit account)	
12/20/2002 00000109 500308 10V02001 DO NOT	USE THIS SPACE	
1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		
To the best of my knowledge and belief, the foregoing inforn	nation is true and correct and any attached copy is a true copy	
of the original document.		
MICHAEL R. CAMMARATA	FEBRUARY 1, 2002	
Name of Person Signing Total number of pages including	Signature Date	

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

PATENT

REEL: 012583 FRAME: 0184

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), hereinafter referred to as Assignor(s), have made an invention entitled:

METHOD AND SYSTEM FOR SUPPRESSING ASE ON A WDM NETWORK BACKGROUND OF THE INVENTION

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 good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/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 I/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, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/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 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, I/We have hereunto set our hands.

PATENT REEL: 012583 FRAME: 0185

County of	Sridhar Balakrishnan
) ss.	2845 Carroll Wind Drive
State of)	Ellicott City, Maryland 21043
	(Signature) Feb 1, 2012
	(Date)
SEAL	
Subscribed and sworn to before me	
this day of, 2002.	
, Notary Public	

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PATENT REEL: 012583 FRAME: 0186

Attorney Docket No. 426

County of)	Vipul Bhatnagar
) ss.	3 Torrance Court
State of	Kensington, MD 20895
	Vipul Bhatungar
	(Signature)
	February 1, 2002
	(Date)
SEAL	, ,
Subscribed and sworn to before me	
this day of, 2002	
, Notary Public	c

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TOTAL P.07