RECORDATION FORM COVER SHEET

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FORM PTC-1595 (Modified) RECORDATION FORM COVER SHEET 04-26-2001 IC	
(Rev. 6-93) OMB No. 0651-0011 (exp.4/94) Copyright 1996-97 LegalStar P08A/REV02 APR 0 6 2001 PATENT	TS ONLY
Tab settings → → → ▼	Please record the attacried original documents of copy
To the Honorable Com的思想的多可Patents and Trademarks: 1. Name of conveying party(ies): Steven Cornelius Robert Corwin	2. Name and address of receiving party(ies):
Robert Corwin	Name: CIENA Corporation
	Address: Legal Department
Additional names(s) of conveying party(ies)	1201 Winterson Road
3. Nature of conveyance: 4 − 6 − 6 / Assignment	
☐ Security Agreement ☐ Change of Name	City: Linthicum State/Prov.: MD
☐ Other	Country: ZIP: 21090
Execution Date: 12/21/00	Additional name(s) & address(es) ☐ Yes ☒ No
If this document is being filed together with a new application Patent Application No. Filing date 09/746,216 12/22/00	, the execution date of the application is: B. Patent No.(s)
Additional numbers 5. Name and address of party to whom correspondence	Yes No
concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: MICHAEL R. CAMMARATA	7. Total fee (37 CFR 3.41):\$ 40.00
Registration No. 39,491	☐ Enclosed - Any excess or insufficiency should be
Address: CIENA CORPORATION	credited or debited to deposit account
LEGAL DEPARTMENT	Authorized to be charged to deposit account
City: LINTHICUM State/Prov.: MD Country: ZIP: 21090	8. Deposit account number: 50-0308
DO NOT	USE THIS SPACE
of the original document.	ation is true and correct and any attached copy is a true copy
MICHAEL R. CAMMARATA	April 6, 2001
Name of Person Signing Total number of pages including	Signature Date cover sheet, attachments, and

REEL: 011711 FRAME: 0606

ASSIGNMENT

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

GAIN CONTROLLED OPTICALLY PRE-AMPLIFIED RECEIVER APPARATUS AND METHOD

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.

PATENT REEL: 011711 FRAME: 0607

State of Georgian) ss.	Steven W. Cornelius 1795 Corners Court Dunwoody, Georgia 30338
SEAL	Sta V Libe (Signature) 12/21/2000 (Date)
Subscribed and sworn to before me this, 2000, Notary Public	

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

CAROL S. PAREST - MINES 6 (zn. Public Balinor Jo. MD My Commissy March 23, 2003

SEAL

Subscribed and sworn to before me this May of December, 2000.

Carulf furth Frie Notary Public

Robert Corwin 2420 Clydesdale Road Finksburg, Maryland 21048

(Signature)

PATENT REEL: 011711 FRAME: 0609

RECORDED: 04/06/2001