med	Docket No.: 295			
FORM PTO-1595 (Modified) 0.2.6.997 F	-1999 U.S. DEPARTMENT OF COMMERCE			
OMB No 0651-0011 (exp 4/94) Copyright 1996-97 LegalStar P084/REV02	Patent and Trademark Office			
$Tab settings \rightarrow \rightarrow \rightarrow \checkmark \qquad \checkmark \qquad 10118$	8854 🗸 🗸 🗸			
To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies): Daniel E. Klausmeier	2. Name and address of receiving party(ies):			
Jeffrey T. Gullicksen	Name: CIENA CORPORATION			
	Address: Legal Department			
Additional names(s) of conveying party(ies)	1201 Winterson Road			
3. Nature of conveyance				
🛛 Assignment 🗀 Merger				
Security Agreement Change of Name	City: Linthicum State/Prov.: MD			
C Other	Country: ZIP: 21090			
Execution Date: 09/30/99 and 10/07/99	Additional name(s) & address(es)			
4. Application number(s) or registration numbers(s):				
If this document is being filed together with a new application	, the execution date of the application is: 10/26/99			
Patent Application No. Filing date	B. Patent No.(s)			
	09427299			
Additional numbers	TYes 🛛 No			
5. Name and address of party to whom correspondence				
concerning document should be mailed:	6. Total number of applications and patents involved:			
Name David L. Soltz	7. Total fee (37 CFR 3.41):\$ 40.00			
Registration No. 34,731	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			
1201 Winterson Road	8. Deposit account number:			
City: Baltimore State/Prov.: MD				
Country: ZIP: 21090	50-0308			
11/02/1999 JSHABA72-00000070 500308 09427299 DO NOT	USE THIS SPACE			
01 FC:581 40.00 CH				
 Statement and signature. To the best of my knowledge and belief, the foregoing information of the original document. 	ation is true and correct and any attached copy is a true copy			
David L. Soltz	October 26, 1999			
Name of Person Signing	Signature Date			
Total number of pages including cover sheet, attachments, and				

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DCT-07-1999 23:48 CIENA

810 P.04/05

SOLE/JOINT INVENTION (Worldwide Rights)

ASSIGNMENT

WHEREAS I, the below named inventor, hereinafter referred to as Assignor, has made an invention entitled:

REARRANGEABLE SWITCH BASED ON THE LOOPING ALGORITHM AND HAVING A NON-POWER OF TWO NUMBER OF PHYSICAL CENTER STAGES

for which I executed an application for United States Letters Patent attached hereto 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, I, as assignor, 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, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I 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.



DTAL P.04 SOLE/JOINT INVENTION (Worldwide Rights)

IN TESTIMONY WHEREOF, I have hereunto set my hand.

County of _____) Jeffrey T. Gullicksen) ss. 3775 Flora Vista Avenue, #403 State of _____) Santa Clara, California 95051

Date: 10/7/99

SEAL

Subscribe	d and	sworn to befor	e me
this	day o	f	19

, Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand.

County of)		Danie
)	SS.	2311
State of)		Menl
Date: <u>9/30/99</u>		

el E. Klausmeier Loma Prieta Lane o Park, California 94025

Daniel E. Klausmeier

SEAL

Subscribed and sworn to before me this _____ day of ______, 19____

, Notary Public

408 862 6231 B'04/04 **RECORDED: 10/26/1999**