

05-13-1998

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

RECORDED



LET

100709381

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

## 1. Name of conveying party(ies):

Stephen B. Alexander  
Jean-Luc Archambault  
Victor Mizrahi  
Henry H. Yaffe

## 2. Name and address of receiving party(ies):

Name: CIENA Corporation

Internal Address: Legal Department

Street Address: 920 Elkridge Landing Rd.  
Linthicum, MD 21090

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_

Execution Date: \_\_\_\_\_

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)  
08/927,781

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David L. Soltz, Esq.

Internal Address: Legal Department

Street Address: CIENA Corporation  
920 Elkridge Landing Rd.

City: Linthicum State: MD Zip: 21090

6. Total number of applications and patents involved: 17. Total fee (37 C.F.R. \$3.41): \$40.00☒ Authorized to be charged to deposit account

## 8. Deposit Account Number:

50-0308

(Attach duplicate copy of this page if paying by deposit account)

03/21/1998 JARTIS 00000038 BAN:506306 08927781  
01 FEB 21 1998

## Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David L. Soltz  
Registration No. 34,731  
Name of Person Signing

Signature

Date

3/25/98

Total number of pages including cover sheet, attachments and documents: 4

PATENT

REEL: 9155 FRAME: 0037

SOLE/JOINT INVENTION  
(Worldwide Rights)

### ASSIGNMENT

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

DENSE WDM OPTICAL MULTIPLEXER AND DEMULTIPLEXER

for which We executed an application for United States Letters Patent concurrently herewith and

WHEREAS, CIENA Corporation, a corporation of Delaware whose post office address is 920 Elkrdige Landing 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 country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

SOLE/JOINT INVENTION  
(Worldwide Rights)

IN TESTIMONY WHEREOF, We have hereunto set our hands.

County of Anne Arundel )  
State of Maryland )

ss. Stephen B. Alexander  
313 Locust Thorn Ct.  
Millersville, Maryland 21108

Dated: 3/3/98

SEAL

Subscribed and sworn to before me  
this 3rd day of March, 1998.

Sinda J. Goodall Notary Public

County of Anne Arundel )  
State of Maryland )

ss. Jean-Luc Archambault  
240 Poe Ct.  
Severna Park, Maryland 21146

Dated: 3/3/98

SEAL

Subscribed and sworn to before me  
this 3rd day of March, 1998.

Sinda J. Goodall Notary Public

County of Anne Arundel )  
State of Maryland )

ss. Victor Mizrahi  
5837 Wyndham Circle, #202  
Columbia, Maryland 21044

Dated: 3/3/98

SEAL

Subscribed and sworn to before me  
this 3rd day of March, 1998.

Sinda J. Goodall Notary Public

SOLE/JOINT INVENTION  
(Worldwide Rights)

County of Anne Arundel )  
State of Maryland )

ss. Henry H. Yaffe  
9 Autumn Wind Ct.  
Reisterstown, Maryland 21136

Dated: 3/4/98

SEAL

Subscribed and sworn to before me  
this 4th day of March, 1998.

Linda P. Goodall Notary Public

LINDA P. GOODALL  
NOTARY PUBLIC STATE OF MARYLAND  
My Commission Expires October 1, 2000