

Tab settings → → →

To the Honorable Commissioner of Pa

102370035

attached original documents or copy thereof.

1. Name of conveying party(ies):

Saurin Shah; Chris Barnard; Denis Zaccarin; Carl Paquet;
Mike Sieben

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

Name: CIENA Corporation

Address: Legal Department

1201 Winterson Road

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

City: Linthicum

State/Prov.: MD

Country: USA

ZIP: 21090

Execution Date: 10/28/02; 10/30/02; 11/05/02; 11/06/02

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, the execution date of the application is:

Patent Application No.

Filing date

B. Patent No.(s)

10/289,813

11/07/02

02/21/2003 TDI A21 00000017 500308 10289813

01 FC:0021 40.00 CH

Additional numbers

☐ Yes ☒ No

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

Name: MICHAEL R. CAMMARATA

Registration No. 39,491

Address: CIENA Corporation

Legal Department

1201 Winterson Road

City: Linthicum

State/Prov.: MD

Country: USA

ZIP: 21090

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number:

50-0308

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

DO NOT USE THIS SPACE

9. 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.

MICHAEL R. CAMMARATA

Name of Person Signing

Signature

FEBRUARY 13, 2003

Date

Total number of pages including cover sheet, attachments, and

7

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to CIENA a Delaware corporation, having a place of business at **1201 Winterson Road, Linthicum, MD 21090-2205**, for itself and its successors, transferees, and assignees, the following:

The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the provisional application filed under 35 U.S.C. §111(b) or non-provisional application filed under 35 U.S.C. §111(a) and entitled

METHOD AND SYSTEM FOR OPTIMIZING A LASER SYSTEM

("APPLICATION") which:

- ☒ is to be filed herewith
☐ was filed on _____,
now bearing U.S. application number _____; and

2. The entire worldwide right, title, and interest in and to:

(a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all utility, divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), (c) and (d) above; and (e) all right of priority in the APPLICATION, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

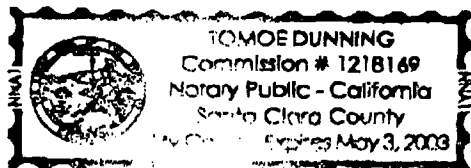
INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

PATENT
Attorney Docket No. 04-511Title of Document: **ASSIGNMENT****Title: METHOD AND SYSTEM FOR OPTIMIZING A LASER SYSTEM**
Filed: Herewith
Serial No.: Unassigned**Name and Signature**
Saurin Shah
Saurin Shah
2759 Buena Point Court
San Jose, CA 95121**Date of**
Signature
Oct 28, 2002**Date Declaration**
Executed By This Person
Oct 28, 2002State of California } S.S.
County of Santa Clara }

On 28th day of October before me, Tomoe Dunning personally
[DATE] [NOTARY PUBLIC]
appeared Saurin Shah personally known to me or proved to me on the basis of satisfactory evidence to
[INVENTOR]
be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she~~ executed
the same in his/~~her~~ authorized capacity, and that by his/~~her~~ signature on the instrument the person, or the entity
upon behalf of which the person acted, executed the instrument.

Notary Seal

Tomoe Dunning
Notary

PATENT

Attorney Docket No. 04-511

Title of Document: ASSIGNMENT

Title: METHOD AND SYSTEM FOR OPTIMIZING A LASER SYSTEM
Filed: Herewith
Serial No.: Unassigned

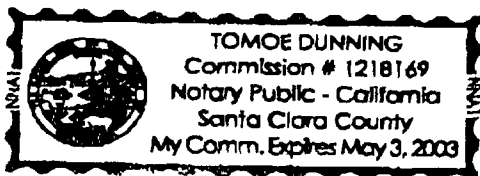
Name and Signature:	Date of Signature	Date Declaration Executed By This Person
<u>Chris Barnard</u> Chris Barnard 587 Trumbull Court, Sunnyvale, CA 94087	<u>Oct. 28</u> 2002	<u>Oct. 28</u> 2002

State of California) S.S.
County of Santa Clara }

On 28th day of October before me, Tomoe Dunning personally
[DATE] [NOTARY PUBLIC]
appeared Chris Barnard personally known to me or proved to me on the basis of satisfactory evidence to
[INVENTOR]
be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she~~ executed
the same in his/~~her~~ authorized capacity, and that by his/~~her~~ signature on the instrument the person, or the entity
upon behalf of which the person acted, executed the instrument.

Notary Seal

Notary



Title of Document: ASSIGNMENT

Title: METHOD AND SYSTEM FOR OPTIMIZING A LASER SYSTEM
Filed: Herewith
Serial No.: Unassigned

Name and Signature:	Date of Signature	Date Declaration Executed By This Person
<u><i>Denis Zaccarin</i></u>	<u>10/30</u> , 2002	<u>10/30</u> , 2002

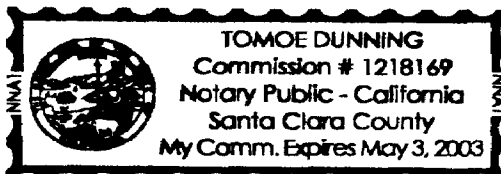
Denis Zaccarin
781 Durshire Way
Sunnyvale, CA 94087

State of California } S.S.
County of Santa Clara }

On 30th day of October before me, Tomoe Dunning personally
[DATE] 2002 [NOTARY PUBLIC]
appeared Denis Zaccarin personally known to me or proved to me on the basis of satisfactory evidence to
[INVENTOR]
be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she~~ executed
the same in his/~~her~~ authorized capacity, and that by his/~~her~~ signature on the instrument the person, or the entity
upon behalf of which the person acted, executed the instrument.

Notary Seal

Tomoe Dunning
Notary



Title of Document: ASSIGNMENT

Title: METHOD AND SYSTEM FOR OPTIMIZING A LASER SYSTEM
Filed: Herewith
Serial No.: Unassigned

Name and Signature: _____

Carl Paquet

Carl Paquet
203 French Ct.
San Jose, CA 95139

Date of
Signature

11/05, 2002

Date Declaration
Executed By This Person

11/05, 2002

State of California } S.S.
County of Santa Clara }

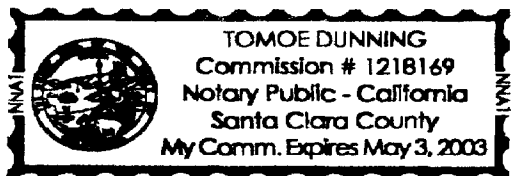
On Nov. 5, 2002 before me, Tomoe Dunning personally
[DATE] [NOTARY PUBLIC]

appeared Carl Paquet personally known to me or proved to me on the basis of satisfactory evidence to
[INVENTOR]

be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.


Notary Seal

Tomoe Dunning
Notary



Title of Document: ASSIGNMENT

Title: METHOD AND SYSTEM FOR OPTIMIZING A LASER SYSTEM
Filed: Herewith
Serial No.: Unassigned

Name and Signature:	Date of Signature	Date Declaration Executed By This Person
	Nov. 6, 2002	, 2002

Mike Sieben
P.O. Box 1136
Bragg Creek, Alberta
Canada
T0L 0K0

State of _____ } S.S.
County of _____ }

On _____ before me, _____ personally
[DATE] [NOTARY PUBLIC]
appeared _____ personally known to me or proved to me on the basis of satisfactory evidence to
[INVENTOR]

be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Notary Seal

Notary