

FORM PTO-1594 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) RECORDATION FORM COVER SHEET TRADEMARKS ONLY U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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

1. Name of conveying party(ies): WaveSmith Networks, Inc. Individual(s) Association General Partnership Limited Partnership Corporation-State Delaware Other Additional name(s) of conveying party(ies) attached? Yes No

2. Name and Address of receiving party(ies): Name: CIENA Corporation Internal Address: Street Address: 1201 Winterson Road City: Linthicum State: MD Zip: 21090 Individual(s) citizenship Association General Partnership Limited Partnership Corporation-State Delaware Other if assignee is not domiciled in the United States, a domestic representative designation is attached: Yes No (Designations must be a separate document from Assignment) Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance: Assignment Security Agreement Other Merger Change of Name Execution Date: June 13, 2003

4. Application number(s) or registration number(s): A. Trademark Application No.(s) 78/220,799 DN 8100 78/220,789 DN 7100 76/336,375 DISTRIBUTED OPTICAL NETWORKS Additional numbers attached? Yes No

B. Trademark registration No.(s) 2,730,352 WAVECORE 2,638,890 DN 4100 2,638,882 DN 2100

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Timothy J. Lyden Internal Address: Hogan & Hartson L.L.P. Box IP Street Address: 8300 Greensboro Drive Suite 1100 City: McLean State: VA Zip: 22102

6. Total number of applications and registrations involved: 11

7. Total fee (37 CFR 3.41): \$ 290 Enclosed Authorized to be charged to deposit account

8. Deposit account number: 08-2550 (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. Timothy J. Lyden Name of Person Signing Signature Date July 28, 2003

Total number of pages including cover sheet, attachments, and document: 5 Mail documents to be recorded with required cover sheet information to: Commissioner of Patent & Trademarks, Box Assignments Washington, D.C. 20231

CH \$290.00 08/25/00 78220799

Recordation Form Cover Sheet (Continued)

Assignor: WaveSmith Networks, Inc.

Assignee: CIENA Corporation

Transfer: Merger

Effective: June 13, 2003

Page 2 of 2

Trademark Application Nos. (continued)

76/328,380 WAVEFLOW EMS
76/312,340 WSN WAVESMITH NETWORKS
76/312,313 WSN

Trademark Registration Nos. (continued)

2,541,533 WAVESMITH NETWORKS
2,543,532 WAVESMITH

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Matter of:

Applicant:	CIENA Corporation (by merger with WaveSmith Networks, Inc.)	:
Mark:	WAVEFLOW EMS	:
Serial No.:	76/328,380	:
Filed On:	October 22, 2001	:

NO FEE
Commissioner for Trademarks
2900 Crystal Drive
Arlington, Virginia 22202-3513

SUBSTITUTE POWER OF ATTORNEY

Applicant, CIENA Corporation (by merger with WaveSmith Networks, Inc.), hereby revokes all previously granted Powers of Attorney and appoints KENNETH J. HAUTMAN, PHILIP D. PORTER, ROBERT B. DUNCAN, VALERIE BRENNAN, TIMOTHY J. LYDEN, VICTORIA F. SHECKLER, AUDREY H. REED, and CULLEN G. TAYLOR (members of the bar of the Commonwealth of Virginia), RAYMOND A. KURZ, CELINE J. CROWSON, STEVEN P. HOLLMAN, SHELLY L. MCGEE and ANNA J. KURIAN (members of the bar of the District of Columbia), STUART LANGLEY, PATRICK K. PERRIN, TRACY B. GRAY and AMY K. SVELA (members of the bar of the State of Colorado), JAI H. RHO (member of the bar of the State of California), DAVID L. KOVACS, PETER W. SMITH, DORI ANN HANSWIRTH, and M. JEAN CONNOLLY (members of the bar of the State of New York), attorneys-at-law and members of the law firm of Hogan & Hartson L.L.P., to prosecute the above-listed application to register, to transact all business in the United States Patent and Trademark Office in connection therewith, and to receive the

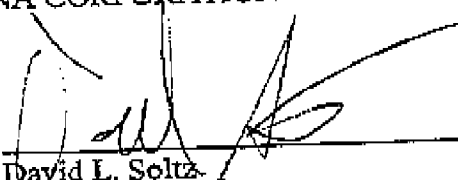
certificates of registration and renewal for this application. The following attorney should be listed as the primary attorney of record for this application: Timothy J. Lyden.

Please direct all correspondence to:

Hogan & Hartson L.L.P.
Attn: Box Intellectual Property
8300 Greensboro Drive
Suite 1100
McLean, Virginia 22102

CIENA CORPORATION

Date: 7/28/03

By: 
David L. Soltz
Senior Intellectual Property Counsel