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o Prelii	ninary Proxy Statement	o Confidential, for Use of the Commission Only (as permitted by Rule $14a\text{-}6(e)(2)$ )
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o Solic	iting Material Pursuant to §	
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(1)	Title of each class of securities to	which transaction applies:
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(3)		value of transaction computed pursuant to Exchange Act Rule 0-11 (Set
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number, or the form or schedule and the date of its filing.

Amount previously paid:
Form, schedule or registration statement no.:
Filing party:
Date filed:

Ciena Corporation 7035 Ridge Road Hanover, Maryland 21076

#### NOTICE OF ANNUAL MEETING OF STOCKHOLDERS TO BE HELD ON MARCH 20, 2013

#### To the Stockholders of Ciena Corporation:

The 2013 Annual Meeting of Stockholders of Ciena Corporation will be held on March 20, 2013 at 3:00 p.m. Eastern Time. We are pleased that this year's Annual Meeting will be our first completely virtual meeting of stockholders to be held over the Internet. You will be able to attend the Annual Meeting, vote your shares electronically and submit your questions during the live webcast of the meeting by visiting www.virtualshareholdermeeting.com/ciena and entering your 12-digit control number.

This year's Annual Meeting will be held for the following purposes:

- To elect three members of the Board of Directors from the nominees named in the attached proxy statement to serve 1. . . Class Live and a statement to serve as Class I directors for three-year terms ending in 2016, or until their respective successors are elected and qualified;
- To ratify the appointment of PricewaterhouseCoopers LLP as our independent registered public accounting firm for the fiscal year ending October 31, 2013;
- 3. To hold an advisory vote on our executive compensation, as described in these proxy materials; and
- To consider and act upon such other business as may properly come before the Annual Meeting or any adjournment or postponement thereof.

These matters are more fully described in the proxy statement accompanying this notice.

Stockholders of record as of the close of business on January 22, 2013 are entitled to notice of, and to vote at, this year's Annual Meeting. In accordance with Securities and Exchange Commission rules, we are furnishing these proxy materials and our 2012 Annual Report to Stockholders over the Internet. We believe that posting these materials on the Internet enables us to provide stockholders with the information that they need more quickly, while lowering our costs of printing and delivery and reducing the environmental impact of our Annual Meeting. On February 1, 2013, we mailed to stockholders as of the record date a notice containing instructions on how to access our Annual Meeting materials and vote via the Internet, mail or by telephone.

We believe that your vote, and the vote of every Ciena stockholder is important. Whether or not you plan to participate in the Annual Meeting, we encourage you to review the accompanying proxy statement for information relating to each of the proposals and to cast your vote promptly.

By Order of the Board of Directors,

David M. Rothenstein Secretary

Hanover, Maryland

February 1, 2013

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CIENA CORPORATION 7035 RIDGE ROAD HANOVER, MARYLAND 21076

PROXY STATEMENT

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ANNUAL MEETING OF STOCKHOLDERS TO BE HELD ON MARCH 20, 2013

Our Board of Directors has made these proxy materials available to you via the Internet or, upon your request, has delivered printed versions of these materials to you by mail. We are furnishing this proxy statement in connection with the solicitation by our Board of Directors of proxies to be voted at our 2013 Annual Meeting. The Annual Meeting will be held on March 20, 2013 at 3:00 p.m. Eastern Time, or at any adjournment thereof. As described below, this year's Annual Meeting will be our first completely virtual meeting of stockholders to be held over the Internet.

#### INTERNET AVAILABILITY OF ANNUAL MEETING MATERIALS

We are making this proxy statement and our 2012 Annual Report to Stockholders for the fiscal year ended October 31, 2012, including our Annual Report on Form 10-K for the fiscal year ended October 31, 2012, available to our stockholders on the Internet. On February 1, 2013, we mailed our stockholders a Notice of Internet Availability of Proxy Materials containing instructions on how to access our proxy materials, including this proxy statement and our 2012 Annual Report. The Notice of Internet Availability of Proxy Materials also provides instructions on how to vote over the Internet, by mail or by telephone. If you received a Notice of Internet Availability of Proxy Materials by mail, you will not receive a printed copy of the proxy materials in the mail unless you specifically request these materials. Other stockholders, in accordance with their prior requests, have received e-mail notification of how to access our proxy materials and vote over the Internet, or have been mailed paper copies of our proxy materials and a proxy card or a vote instruction form from their bank or broker.

Internet distribution of proxy materials is designed to expedite receipt by stockholders, lower the cost of our Annual Meeting, and reduce the environmental impact of our Annual Meeting. However, if you received a Notice of Internet Availability of Proxy Materials by mail and would like to receive a printed copy of our proxy materials, please follow the instructions for requesting such materials contained on the Notice of Internet Availability of Proxy Materials. If you have previously elected to receive our proxy materials electronically, you will continue to receive these materials via e-mail unless you elect otherwise.

#### ATTENDING THE ANNUAL MEETING

Ciena will be hosting this year's Annual Meeting live over the Internet at www.virtualshareholdermeeting.com/ciena. This year's Annual Meeting will be a completely virtual meeting of stockholders. A summary of the information you need to attend the Annual Meeting online is provided below:

- •Any stockholder can attend and listen to the Annual Meeting live over the Internet at www.virtualshareholdermeeting.com/ciena;
- •Only stockholders as of the record date for the Annual Meeting, by using their 12-digit control number, may vote or submit questions while attending the Annual Meeting;

- •Instructions on how to attend and participate in the Annual Meeting are posted at www.virtualshareholdermeeting.com /ciena;
- •Questions regarding how to attend and participate in the Annual Meeting will be answered by calling 1-855-449-0991 on the meeting date; and
- •A webcast replay of the Annual Meeting will be available online until March 20, 2014.

#### GENERAL INFORMATION ABOUT THE ANNUAL MEETING AND VOTING

Who may vote at the Annual Meeting?

The Board of Directors has set January 22, 2013 as the record date for the Annual Meeting. If you were the owner of Ciena common stock at the close of business on January 22, 2013, you may vote at the Annual Meeting. You are entitled to one vote for each share of common stock you held on the record date.

A list of stockholders of record entitled to vote at the Annual Meeting will be open to examination by any stockholder, for any purpose germane to the Annual Meeting, during normal business hours for a period of ten days before the Annual Meeting at our corporate offices at 7035 Ridge Road, Hanover, Maryland 21076, and online during the Annual Meeting accessible at www.virtualshareholdermeeting.com/ciena.

How many shares must be present to hold the Annual Meeting?

A majority of our shares of common stock outstanding as of the record date must be present at the Annual Meeting in order to hold the meeting and conduct business. This is called a "quorum." On the record date, there were 101,517,154 shares of Ciena common stock outstanding. Your shares are counted as present at the Annual Meeting if you either attend our online Annual Meeting or properly submit your proxy prior to the Annual Meeting.

Why was I mailed a notice regarding the Internet availability of proxy materials instead of a full set of printed proxy materials?

Pursuant to the "notice and access" rules adopted by the Securities and Exchange Commission ("SEC"), we have elected to provide stockholders access to our proxy materials over the Internet. Accordingly, we sent a Notice of Internet Availability of Proxy Materials ("Notice") to all of our stockholders as of the record date. The Notice includes instructions on how to access our proxy materials over the Internet and how to request a printed copy of these materials. In addition, by following the instructions in the Notice, stockholders may request to receive proxy materials in printed form by mail or electronically by email on an ongoing basis.

Choosing to receive your future proxy materials by email will save us the cost of printing and mailing documents to you and will reduce the impact of our annual meetings on the environment. If you choose to receive future proxy materials by email, you will receive an email next year with instructions containing a link to those materials and a link to the proxy voting site. Your election to receive proxy materials by email will remain in effect until you terminate it.

What proposals will be voted on at the Annual Meeting?

The items scheduled to be voted on at the Annual Meeting are:

the election of three Class I directors to the Board of Directors for three-year terms ending in 2016, or until their respective successors are elected and qualified;

the ratification of the appointment of PricewaterhouseCoopers LLP as our independent registered public accounting firm for the fiscal year ending October 31, 2013; and

an advisory vote on our executive compensation, as described in these proxy materials.

How will voting on any business not described in this proxy statement be conducted?

We are not currently aware of any other business to be acted upon at the Annual Meeting. If any other matters are properly submitted for consideration at the Annual Meeting, including any proposal to adjourn the Annual Meeting, the persons named as proxies will vote the shares represented thereby in their discretion. Adjournment of the Annual Meeting may be made for the purpose of, among other things, soliciting additional proxies. Any adjournment may be made from time to time by approval of the holders of common stock representing a majority of the votes present in person or by proxy at the Annual Meeting, whether or not a quorum exists, without further notice other than by an announcement made at the Annual Meeting.

How does the Board of Directors recommend that I vote?

The Board of Directors recommends that you vote:

- "FOR" the election of the three Class I nominees named in this proxy statement;
- "FOR" the ratification of the appointment of PricewaterhouseCoopers LLP as our independent registered public accounting firm; and
- "FOR" the advisory vote on our executive compensation.

How many votes are required to approve each proposal?

In the case of an uncontested election, our bylaws require that each director be elected by the vote of a majority of the votes cast by holders of shares present in person or represented by proxy at the Annual Meeting. For this purpose, a "majority of the votes cast" means that the number of votes cast "FOR" a director's election exceeds the number of votes cast "AGAINST" that director's election. For more information regarding the Board's required procedures and disclosures associated with this majority vote standard, please see "Majority Vote Standard in Director Elections" in the "Corporate Governance and the Board of Directors" section below. In the case of a contested election (i.e., an election in which the number of candidates exceeds the number of directors to be elected), directors will be elected by plurality vote. For this election, the election of directors at the Annual Meeting is uncontested, meaning that the nominees will be elected by a majority of the votes cast.

Approval of proposals 2 and 3 each require the affirmative vote of a majority of the total votes cast by holders of shares present in person or represented by proxy at the Annual Meeting and entitled to vote on these proposals.

How are votes counted?

With regard to proposals 1-3 set forth in this proxy statement, you may vote "FOR," "AGAINST" or "ABSTAIN." If you abstain from voting on these proposals, your shares will be counted as present for purposes of establishing a quorum at the Annual Meeting. An abstention will not count as a vote "FOR" or "AGAINST" the proposals at the Annual Meeting and will have no effect on the outcome of the election of our directors in an uncontested election or on the outcome of the vote on the remaining proposals.

What are broker non-votes and how are they counted at the Annual Meeting?

Broker non-votes occur when brokers do not receive voting instructions from their customers and the broker does not have discretionary voting authority with respect to a proposal. If you hold shares through a broker, bank or other nominee and you do not give instructions as to how to vote, your broker may have authority to vote your shares on certain routine items but not on other items. Broker non-votes are counted as present for purposes of determining the presence or absence of a quorum for the transaction of business but will not be counted for purposes of the election of directors and will have no effect on the outcome of the vote on the remaining proposals.

What is the difference between holding shares as a "stockholder of record" and as a beneficial owner of shares held in "street name"?

If your shares are registered directly in your name with our transfer agent, Computershare Trust Company, N.A., you are considered the "stockholder of record" with respect to those shares, and the Notice was sent directly to you.

If your shares are held in an account at a brokerage firm, bank, broker-dealer, or other similar organization, then you are the beneficial owner of shares held in "street name," and the Notice was forwarded to you by that organization. As a beneficial owner, you have the right to direct that organization on how to vote the shares held in your account. You should follow the instructions in the Notice or voting instructions provided to you by that organization in order to vote your shares.

How do I vote my shares without participating in the online Annual Meeting?

Whether you are a "stockholder of record" or hold your shares in "street name," you may direct your vote without participating in the online Annual Meeting.

If you are a stockholder of record, you may vote by Internet by following the instructions on the Notice. If you request printed copies of the proxy materials by mail, you may also vote by signing and submitting your proxy card and returning it by mail or by submitting your vote by telephone. You should sign your name exactly as it appears on the proxy card. If you are signing in a representative capacity (for example, as guardian, executor, trustee, custodian, attorney or officer of a corporation), you should indicate your name and title or capacity.

If you are the beneficial owner of shares held in street name, you may be eligible to vote your shares electronically over the Internet or by telephone by following the instructions on the Notice. If you request printed copies of the proxy materials by mail, you may also vote by signing the voter instruction form provided by your bank or broker and returning it by mail. If you provide specific voting instructions by mail, telephone or the Internet, your shares will be voted by your broker or nominee as you have directed.

The persons named as proxies are executive officers of Ciena. All proxies properly submitted in time to be counted at the Annual Meeting will be voted in accordance with the instructions contained therein. If you submit your proxy without voting instructions, your shares will be voted by the proxy holders in accordance with the recommendations of the Board of Directors set forth above.

How do I vote my shares during the online Annual Meeting?

Even if you plan to attend and participate in our online Annual Meeting, we encourage you to vote by telephone or Internet, or by returning a proxy card following your request of printed materials. This will ensure that your vote will be counted if you are unable to, or later decide not to, participate in the online Annual Meeting. Whether you are a stockholder of record or hold your shares in "street name," you may vote online at the Annual Meeting. You will need to enter your 12-digit control number (included in your Notice, your proxy card or the voting instructions that accompanied your proxy materials) to vote your shares at the Annual Meeting.

What happens if my shares are held in more than one account?

If your shares are held in more than one account, you will receive a Notice for each account. To ensure that all of your shares in each account are voted, you must vote in accordance with the Notice you receive for each account.

May I revoke my proxy and change my vote after I have voted?

You may revoke your proxy and change your vote at any time before the final vote at the Annual Meeting. You may revoke your proxy via the Internet or by phone by following the instructions included in your proxy materials, or by submitting a written notice of revocation to Ciena Corporation, 7035 Ridge Road, Hanover, Maryland 21076, Attention: Corporate Secretary. You may also revoke a previously submitted proxy by voting again on a later date on the Internet, by telephone or by signing and returning a new proxy card by mail (only your latest proxy submitted prior to the Annual Meeting will be counted), or by attending and voting at the Annual Meeting. Your attendance at the online Annual Meeting will not automatically revoke your proxy unless you enter your 12-digit control number and electronically vote again at the Annual Meeting.

What happens if additional matters are presented at the meeting?

Management knows of no matters to be presented for action at the Annual Meeting other than those mentioned in this proxy statement and the deadline under our bylaws for stockholder proposals and director nominations has passed. However, if any additional matters properly come before the Annual Meeting, it is intended that the persons named as proxies will vote on such other matters in accordance with their judgment of the best interests of Ciena. If for any unforeseen reason any of our nominees is not available as a candidate for director, the persons named as proxies will vote for such other candidate or candidates as may be nominated by the Board of Directors.

Will the Annual Meeting be webcast?

Yes. This year's Annual Meeting will be a completely virtual meeting and will be webcast live at www.virtualshareholdermeeting.com/ciena. All stockholders may attend and listen live to the webcast of the Annual Meeting. Stockholders as of the record date of the Annual Meeting may electronically vote their shares and submit questions while attending the Annual Meeting over the Internet by using the 12-digit control number included in your Notice, your proxy card or the voting instructions that accompanied your proxy materials. A replay of the Annual Meeting audio webcast will be available on our website for approximately one year.

Where can I find the voting results of the Annual Meeting?

The preliminary voting results will be announced at the Annual Meeting. The final voting results will be tallied by the inspector of elections and will be subsequently published by us by the filing of a current report on Form 8-K with the SEC shortly following our Annual Meeting. This filing will also be available on our website at www.ciena.com.

Who is soliciting my vote and who will bear the cost of this solicitation?

Our Board of Directors is making this solicitation, and Ciena will bear the entire cost of preparing, assembling, printing, mailing and distributing these proxy materials and soliciting votes. We have engaged Alliance Advisors as our proxy solicitor to help us solicit proxies for a fee of \$9,500, plus reasonable out of pocket expense. Copies of solicitation materials may be furnished to brokers, custodians, nominees and other fiduciaries for forwarding to beneficial owners of shares of Ciena common stock, and normal handling charges may be paid for such forwarding service. Officers and other Ciena employees, who will receive no additional compensation for their services, may solicit proxies by mail, e-mail, via the Internet, personal interview or telephone.

#### PROPOSAL NO. 1

#### **ELECTION OF CLASS I DIRECTORS**

#### Overview

Our Board of Directors currently consists of eight directors divided into three classes. Each class of our Board of Directors serves a staggered three-year term. At the Annual Meeting, three directors will be elected to fill positions in Class I, whose term expires at the Annual Meeting. Dr. Nettles, Mr. Rowny and Ms. Fitt, each of whom is a current Class I director, are the nominees for election at the Annual Meeting. The nomination of these directors to stand for election at the Annual Meeting has been recommended by the Governance and Nominations Committee and has been approved by the Board of Directors. Each of the nominees for Class I, if elected, will serve for a three-year term expiring at the 2016 Annual Meeting, or until his or her successor is elected and qualified, or until such director's earlier death, resignation or removal from the Board.

#### **Director Qualifications**

The Governance and Nominations Committee reviews candidates for service on the Board and recommends nominees for election to fill vacancies on the Board of Directors, including nomination for re-election of directors whose terms are due to expire. In discharging its responsibilities to nominate candidates for election to the Board of Directors, the Governance and Nominations Committee endeavors to identify, recruit and nominate candidates characterized by wisdom, maturity, sound judgment, excellent business skills and high integrity. The Governance and Nominations

Committee seeks to assure that the Board of Directors is composed of individuals of diverse backgrounds who have a variety of complementary experience, training and relationships relevant to Ciena's business. This diversity of background and experience includes ensuring that the Board includes individuals with experience or skills sufficient to meet the requirements of the various rules and regulations of The NASDAQ Stock Market and the SEC, such as the requirements to have a majority of independent directors and an audit committee financial expert. In nominating candidates to fill vacancies created by the expiration of the term of a director, the Governance and Nominations Committee determines whether the incumbent director is willing to stand for re-election. If so, the Governance and Nominations Committee evaluates his or her performance to determine suitability for continued service, taking into consideration, among other things, each director's contributions to the Board, the value of the continuity of his or her service, and the individual's familiarity with Ciena's business, operations or markets.

Each of the nominees has consented to serve if elected. However, if any of the persons nominated by the Board of Directors fails to stand for election, or declines to accept election, or is otherwise unavailable for election prior to our Annual Meeting, proxies solicited by our Board of Directors will be voted by the proxy holders for the election of any other person or persons as the Board of Directors may recommend, or our Board of Directors, at its option, may further reduce the number of directors that constitute the entire Board of Directors.

Information Regarding Nominees and Continuing Directors

Information for each person nominated for election as a Class I director at the Annual Meeting, including age, term of office and business experience, including directorships during the past five years, as well as for each director continuing service on the Board, is set forth below. In addition, for each person, we have included information regarding the business or other experience, qualifications, attributes or skills that factored into the determination by the Governance and Nominations Committee and by our Board of Directors that each such person should serve as a director on our Board.

Nominees for Election to Board — Class I Directors with Terms Expiring in 2013

Lawton W. Fitt

Ms. Fitt, age 59, has served as a Director of Ciena since November 2000. From October 2002 to March 2005, Ms. Fitt served as Director of the Royal Academy of Arts in London. From 1979 to October 2002, Ms. Fitt was an investment banker with Goldman Sachs & Co., where she was a partner from 1994 to October 2002, and a managing director from 1996 to October 2002. In addition to her service as a director of non-profit organizations, Ms. Fitt currently serves on the board of directors of Thomson Reuters, The Carlyle Group L.P., and The Progressive Corporation, and has previously served on the board of directors of Overture Acquisition Corporation and Frontier Communications Company.

The Board believes that Ms. Fitt's substantial investment banking experience and expertise in structuring and negotiating acquisition and financing transactions, together with her understanding of the capital markets, are significant assets for the Board. Ms. Fitt brings a strong financial background to her service as Chairperson of the Audit Committee along with significant experience in the areas of raising capital, financial oversight and risk analysis. The Board also believes it benefits from Ms. Fitt's previous executive management experience and from her service as a director and member of the audit committee of other companies.

Dr. Nettles, age 69, has served as a Director of Ciena since April 1994 and as Executive Chairman of the Board of Directors since May 2001. From October 2000 to May 2001, Dr. Nettles was Chairman of the Board and Chief Executive Officer of Ciena, and he was President and Chief Executive Officer from April 1994 to October 2000. Dr. Nettles serves as a Trustee for the California Institute of Technology and serves on the board of directors of Axcelis Technologies, Inc. and The Progressive Corporation. Dr. Nettles also serves on the board of directors of Optiwind Corp, a privately-held company, and has previously served on the board of directors of Apptrigger, Inc., formerly known as Carrius Technologies, Inc.

As a founder and former Chief Executive Officer of Ciena, the Board believes that Dr. Nettles provides significant institutional and industry knowledge and provides key insight and advice in the Board's consideration and oversight of corporate

Patrick H. Nettles, Ph.D

strategy and management development. The Board believes that Dr. Nettles' executive management experience with Ciena, along with his operational management experience and technical expertise, provide the Board a unique perspective and enable him to make significant contributions to the Board. The Board also benefits from Dr. Nettles' experience as a public company director.

Nominees for Election to Board — Class I Directors with Terms Expiring in 2013

Michael J. Rowny

Mr. Rowny, age 62, has served as a Director of Ciena since August 2004. Mr. Rowny has been Chairman of Rowny Capital, a private equity firm, since 1999. From 1994 to 1999, and previously from 1983 to 1986, Mr. Rowny was with MCI Communications in positions including President and Chief Executive Officer of MCI's International Ventures, Alliances and Correspondent group, acting Chief Financial Officer, Senior Vice President of Finance, and Treasurer. Mr. Rowny's career in business and government has also included positions as Chairman and Chief Executive Officer of the Ransohoff Company, Chief Executive Officer of Hermitage Holding Company, Executive Vice President and Chief Financial Officer of ICF Kaiser International, Inc., Vice President of the Bendix Corporation, and Deputy Staff Director of the White House. Mr. Rowny also serves on the board of directors of Neustar, Inc. and Pixspan, Inc. and has previously served on the board of directors of Llamagraphics, Inc. and Step 9 Software Corporation.

Serving in his role as the Audit Committee Financial Expert, the Board believes that Mr. Rowny provides a high level of expertise and significant leadership experience in the areas of finance, accounting and audit oversight. In addition to his previous executive management and experience in international and telecommunications businesses, Mr. Rowny brings to the board a strong understanding of the capital markets, cash management practices and strategic business opportunities, including acquisitions and other investments. The Board also benefits from Mr. Rowny's experience as a public company director.

Continuing Directors — Class II Directors with Terms Expiring in 2014

Harvey B. Cash

Mr. Cash, age 74, has served as a Director of Ciena since April 1994. Mr. Cash is a general partner of InterWest Partners, a venture capital firm in Menlo Park, California, which he joined in 1985. Mr. Cash serves on the board of directors of First Acceptance Corp., Silicon Laboratories, Inc. and Argonaut Group, Inc. and has previously served on the board of directors of i2 Technologies, Inc., Voyence, Inc. and Staktek Holdings, Inc.

As a result of his tenure with Ciena, Mr. Cash has strong institutional knowledge of Ciena's business and industry, which he is able to leverage in his capacity as Ciena's lead outside director and as Chairperson of the Committee on Governance and Nominations. As a venture capital professional, Mr. Cash also brings to the Board expertise, deep experience and extensive relationships in the high technology sector in general, including the component and chip industries, and the telecommunications industry in particular. The Board believes that Mr. Cash's experience in venture capital offers important insight into market conditions, strategic investments and emerging technologies.

Judith M. O'Brien

Ms. O'Brien, age 62, has served as a Director of Ciena since July 2000. Since November 2012, Ms. O'Brien has served as a partner and head of the Emerging Company Practice Group at the law firm of King & Spalding. From November 2006 through December 2010, Ms. O'Brien served as Executive Vice President and General Counsel of Obopay, Inc., a provider of mobile payment services. From

February 2001 until October 2006, Ms. O'Brien served as a Managing Director at Incubic Venture Fund, a venture capital firm. Ms. O'Brien was a lawyer with Wilson Sonsini Goodrich & Rosati, where, from February 1984 to February 2001, she was a partner specializing in corporate finance, mergers and acquisitions and general corporate matters. Ms. O'Brien has previously served on the board of directors of Adaptec, Inc. and currently serves on the board of Theatro Labs, Inc, a privately-held company.

Continuing Directors — Class II Directors with Terms Expiring in 2014

Judith M. O'Brien (cont'd)

technology companies, and of her service as a venture capital professional and as in-house general counsel, the Board believes that Ms. O'Brien provides an important perspective with respect to the overall technology sector and in identifying and assessing legal and regulatory risks. The Board benefits from Ms. O'Brien's expertise in assessing and structuring strategic transactions, including capital raising opportunities, intellectual property matters, acquisitions, joint ventures and strategic alliances. Ms. O'Brien also brings extensive knowledge and experience in the areas of executive compensation and corporate governance to her service as Chairperson of the Compensation Committee and her membership on the Governance and Nominations Committee.

As a result of both her experience working in a private law firm focused on

Gary B. Smith

Mr. Smith, age 52, joined Ciena in 1997 and has served as President and Chief Executive Officer since May 2001. Mr. Smith has served on Ciena's Board of Directors since October 2000. Prior to his current role, his positions with Ciena included Chief Operating Officer and Senior Vice President, Worldwide Sales. Mr. Smith previously served as Vice President of Sales and Marketing for INTELSAT and Cray Communications, Inc. Mr. Smith also serves on the board of directors of Avaya Inc. and CommVault Systems, Inc. Mr. Smith is a member of the President's National Security Telecommunications Advisory Committee, the Global Information Infrastructure Commission and the Center for Corporate Innovation.

As the Chief Executive Officer of Ciena, Mr. Smith brings his leadership skills, industry experience and comprehensive knowledge of Ciena's business, financial position, and operations to Board deliberations. Having led the company for over eleven years, including through a transformative acquisition and complex integration, Mr. Smith offers the Board a unique perspective on the strategic and operational challenges and opportunities faced by Ciena. With almost 30 years of experience in the telecommunications industry, during which time he has lived and worked on four continents, Mr. Smith's global industry sales and marketing experience also provide the Board an important perspective into Ciena's markets and business and selling strategies.

Continuing Directors — Class III Directors with Terms Expiring in 2015

Bruce L. Claflin

Patrick T. Gallagher

Mr. Claflin, age 61, has served as a Director of Ciena since August 2006. Mr. Claflin served as President and Chief Executive Officer of 3Com Corporation from January 2001 until his retirement in February 2006. Mr. Claflin joined 3Com as President and Chief Operating Officer in August 1998. Prior to 3Com, Mr. Claflin served as Senior Vice President and General Manager, Sales and Marketing, for Digital Equipment Corporation. Mr. Claffin also worked for 22 years at IBM, where he held various sales, marketing and management positions, including general manager of IBM PC Company's worldwide research and development, product and brand management, as well as president of IBM PC Company Americas. Mr. Claflin also serves on the board of directors of Advanced Micro Devices (AMD), where he is currently Chairman of the Board.

The Board believes that Mr. Claflin's prior service as a Chief Executive Officer of a technology company in an adjacent industry provides the Board with a high level of expertise and experience in the operations of a global, high technology company. In addition to his strategic insights, Mr. Claflin brings to the Board his previous management and oversight experience relating to sales, marketing, research and development, supply chain management and manufacturing. Mr. Claflin also brings to the Board experience in international business transactions, risk management, executive compensation and a business-oriented approach to resolving operational challenges. The Board also benefits from Mr. Claflin's service as Chairman of the Board of a public technology company.

Mr. Gallagher, age 57, has served as a Director of Ciena since May 2009. From March 2008 until March 2012, Mr. Gallagher was Chairman of Ubiquisys Ltd., a leading developer and supplier of femtocells for the global 3G mobile wireless market. From January 2008 until February 2009, Mr. Gallagher was Chairman of Macro 4 plc, a global software solutions company, and from May 2006 until March 2008, served as Vice Chairman of Golden Telecom Inc., a leading facilities-based provider of integrated communications in Russia and the CIS. From 2003 until 2006, Mr. Gallagher was Executive Vice Chairman and served as Chief Executive Officer of FLAG Telecom Group and, prior to that role, held various senior management positions at British Telecom. Mr. Gallagher also serves on the board of directors of Harmonic Inc. and Sollers JSC.

The Board believes that Mr. Gallagher's extensive international business experience provides the Board with expertise and an important perspective regarding international transactions and markets. His experience as a senior executive of major European telecommunications service providers offers the Board insight into carrier customer perspectives as well as industry opportunities, marketing and sales strategies and operational challenges outside of the United States. His industry background and prior management expertise also provide the Board with significant industry knowledge in submarine and wireless network applications and strategic growth market opportunities for Ciena. The Board also benefits from Mr. Gallagher's experience as a public company director in both the U.S. and Europe.

Proposal No. 1 — Recommendation of the Board of Directors

The Board of Directors recommends that Ciena stockholders vote "FOR" the election of the three Class I nominees listed above.

#### CORPORATE GOVERNANCE AND THE BOARD OF DIRECTORS

Ciena has adopted a number of policies and practices, some of which are described below, which highlight its commitment to sound corporate governance principles. Ciena also maintains a corporate governance page on its website that includes additional related information, as well as Ciena's bylaws, codes of conduct, principles of corporate governance, and the charters for each of the Audit Committee, Compensation Committee and Governance and Nominations Committee. The corporate governance page can be found by clicking on the "Corporate Governance" link in the "Investors" section of our website at www.ciena.com.

#### **Independent Directors**

In accordance with the current listing standards of The NASDAQ Stock Market, the Board of Directors, on an annual basis, affirmatively determines the independence of each director or nominee for election as a director. The Board of Directors has determined that, with the exception of Dr. Nettles and Mr. Smith, both of whom are employees of Ciena, all of its members are "independent directors," using the definition of that term in the listing standards of The NASDAQ Stock Market. Also, all members of the Board's standing Audit, Compensation and Governance and Nominations Committees, more fully described below, are independent directors.

#### Communicating with the Board of Directors

The Board of Directors has adopted a procedure for receiving and addressing communications from stockholders. Stockholders may send written communications to the entire Board of Directors, to the independent directors serving on the Board, or to any of the Board's committees, by addressing communications to Ciena Corporation, 7035 Ridge Road, Hanover, Maryland 21076, Attention: Corporate Secretary. Communication by e-mail should be addressed to ir@ciena.com and marked "Attention: Corporate Secretary" in the "Subject" field. Our General Counsel serves as Corporate Secretary and determines, in his discretion, whether the nature of the communication is such that it should be brought to the attention of the Board, the independent directors or one of the Board committees. As a general matter, the Corporate Secretary does not forward spam, junk mail, mass mailings, job inquiries, surveys, business solicitations or advertisements, or offensive or inappropriate material.

#### Codes of Ethics

Ciena has adopted a Code of Business Conduct and Ethics that is applicable to all of its directors, officers and employees. The Code of Business Conduct and Ethics reflects Ciena's policy of dealing with all persons, including our customers, employees, investors, and suppliers, with honesty and integrity. All new employees are required to complete training on our Code of Business Conduct and Ethics and we conduct recurring, annual training and periodic courses related to specific topics contained therein.

In accordance with the Sarbanes-Oxley Act of 2002, Ciena has also adopted a Code of Ethics for Senior Financial Officers that is specifically applicable to Ciena's Chief Executive Officer, Chief Financial Officer and Controller. Its purpose is to promote honest and ethical conduct, and compliance with the law, particularly as it relates to the maintenance of Ciena's financial records and the preparation of financial statements filed with the SEC.

A copy of both Ciena's Code of Business Conduct and Ethics and its Code of Ethics for Senior Financial Officers can be found on the "Corporate Governance" page of the "Investors" section of our website at www.ciena.com. You may also obtain copies of these documents without charge by writing to: Ciena Corporation, 7035 Ridge Road, Hanover, Maryland 21076, Attention: Corporate Secretary.

Principles of Corporate Governance, Bylaws and Other Governance Documents

Our Board of Directors has adopted Principles of Corporate Governance and other corporate governance documents that supplement certain provisions of our bylaws and relate to, among other things, the composition, structure, interaction and operation of the Board of Directors. Some of the key governance features of our Principles of Corporate Governance, bylaws and other governance documents are summarized below.

Majority Vote Standard in Director Elections. Ciena's bylaws and Principles of Corporate Governance provide that, in the case of an uncontested election, each director be elected by the vote of a majority of the votes cast by holders of shares present in person or represented by proxy at the Annual Meeting. For this purpose, "a majority of the votes cast" means that the number of votes cast "FOR" a director's election exceeds the number of votes cast "AGAINST" that director's election. In the

case of a contested election (i.e., an election in which the number of candidates exceeds the number of directors to be elected), however, directors will be elected by plurality vote.

As a condition of their nomination, incumbent directors and director nominees are required to submit to Ciena an irrevocable resignation that becomes effective only if (i) that person fails to receive a majority vote in an election; and (ii) the Board of Directors accepts his or her resignation. Should any director fail to receive a majority of the votes cast in an uncontested election, the Governance and Nominations Committee will promptly consider the resignation and recommend to the Board whether to accept or reject it, or whether other action should be taken. No later than 90 days following the date of the certification of the election results, the Board of Directors will disclose its decision by press release and a Form 8-K filed with the SEC. The Board of Directors will provide a full explanation of the process by which the decision was reached and, if applicable, the rationale for rejecting the resignation. If a resignation is accepted by the Board, the Governance and Nominations Committee will recommend to the Board whether to fill the vacancy or to reduce the size of the Board of Directors.

Any director whose resignation is being considered is not permitted to participate in the recommendation of the Governance and Nominations Committee or the decision of the Board as to his or her resignation. If the resignations of a majority of the members of the Governance and Nominations Committee were to become effective as a result of the voting, the remaining independent directors will appoint a special committee among themselves for the purpose of considering the resignations and recommending whether to accept or reject them.

Selection of Board Members; Vacancies. For any director elected by the Board of Directors to fill a vacancy, Ciena's bylaws limit the term of office of such person until the first annual meeting following election.

Service on Other Boards of Directors. Ciena's Board of Directors believes that directors should not serve on more than four other boards of public companies in addition to our Board of Directors. In the event that a director wishes to join the board of directors of another public company in excess of the limit above, our Board, in its sole discretion, will determine whether service on the additional board of directors is likely to interfere with the performance of the director's duties to Ciena, taking into account the individual, the nature of his or her other activities, and such other factors or considerations as our Board deems relevant. In selecting nominees for election as a director, the Governance and Nominations Committee and the Board will take into account the other demands on the time of a candidate and will avoid candidates whose other responsibilities might interfere with effective service on our Board of Directors.

Change in Principal Occupation of Director. In some cases, when a director changes his or her principal occupation, the change may result in an increased workload, actual or apparent conflicts of interest, or other consequences that may affect his or her ability to continue to serve on Ciena's Board of Directors. As a result, the Board of Directors has determined that when a director substantially changes his or her principal occupation, including by retirement, that director will tender his or her resignation to the Board of Directors. In considering the notice of resignation, the Governance and Nominations Committee will weigh such factors as it deems relevant and recommend to the Board of Directors whether the resignation should be accepted, and the Board will act promptly on the matter with any acceptance of such resignation to be promptly publicly disclosed.

Stock Ownership Requirements. In order to further align the interests of Ciena's executive officers and directors with those of Ciena's stockholders, and to illustrate and promote our commitment to sound corporate governance, we maintain stock ownership guidelines for executive officers and non-employee directors. These guidelines require such persons to hold shares of Ciena stock of a value equal to the lesser of a multiple of annual base salary or a fixed number of shares as follows:

Position CEO & Executive Chairman

Stock Ownership Requirement Lesser of 3.0x annual base salary or 100,000 shares

Executive Officers
Non-Employee Directors

Lesser of 1.5x annual base salary or 40,000 shares Lesser of 3.0x annual retainer or 15,000 shares

Each executive officer has until the later of December 2014 or five years from the date such individual first becomes subject to the guidelines to attain the requisite stock ownership. Shares that count toward satisfaction of the stock ownership guidelines include: (i) shares owned outright by such person or his or her immediate family members residing in the same household; (ii) shares held in trust for the benefit of such person or his or her family; and (iii) shares purchased on the open market. Unexercised stock options, whether or not vested, and unvested restricted stock units, do not count toward the satisfaction of the guidelines. The guidelines may be waived, at the Governance and Nominations Committee's discretion, if compliance would create hardship or prevent compliance with a court order.

Prohibition Against Pledging Ciena Securities and Hedging Transactions. In accordance with Ciena's Insider Trading Policy, directors and executive officers are prohibited from pledging Ciena securities and engaging in hedging transactions with respect to Ciena securities. Ciena specifically prohibits directors and executive officers from holding Ciena securities in any margin account for investment purposes or otherwise using Ciena securities as collateral for a loan. Such persons are also prohibited from purchasing certain instruments (including prepaid variable forward contracts, equity swaps and collars) and engaging in transactions designed to hedge or offset any decrease in the value of Ciena securities.

Committee Responsibilities. The Board of Directors has three standing committees: the Audit Committee, the Compensation Committee and the Governance and Nominations Committee. Each committee meets regularly and has a written charter that can be found on the "Corporate Governance" page of the "Investors" section of our website at www.ciena.com. At each regularly scheduled Board meeting, the chairperson or a member of each committee reports on any significant matters addressed by the committee.

Executive Sessions. Our independent directors on the Board of Directors meet regularly in executive session without employee-directors or other executive officers present. The lead independent director presides at these meetings.

Outside Advisors. The Board of Directors, and each of its standing committees, may retain outside advisors and consultants at its discretion and at Ciena's expense. Management's consent to retain outside advisors is not required.

Board Effectiveness. To ensure that our Board of Directors and its committees are performing effectively and in the best interests of Ciena and its stockholders, the Board performs an annual assessment of itself, its Committees and each of its members.

Copies of our Principles of Corporate Governance and bylaws can be found on the "Corporate Governance" page of the "Investors" section of our website at www.ciena.com.

#### **Board Leadership Structure**

Although our Board of Directors does not have a formal policy on whether the roles of Chief Executive Officer and Chairman should be separate, Ciena has separately maintained these positions since 2001. Separating the Executive Chairman and Chief Executive Officer roles allows us to efficiently develop and implement corporate strategy that is consistent with the Board's oversight role, while facilitating strong day-to-day executive leadership. Mr. Smith currently serves as Chief Executive Officer and Dr. Nettles, who previously served as Chief Executive Officer until Mr. Smith assumed that role in 2001, serves as Executive Chairman.

One of our independent Board members is elected to serve as lead independent director. The lead independent director is responsible for coordinating the activities of the other independent directors and has the authority to preside at all meetings of the Board of Directors at which the Executive Chairman is not present, including executive sessions of the independent directors. The lead independent director serves as principal liaison on Board-wide issues between the independent directors and the Executive Chairman, and approves meeting schedules and agendas and monitors the quality of information sent to the Board. The lead independent director may also recommend the retention of outside advisors and consultants who report directly to the Board of Directors. If requested by stockholders, when appropriate, the lead independent director will also be available for consultation and direct communication. Mr. Cash currently serves as Ciena's lead independent director.

The Board believes its leadership structure is appropriate for Ciena. Through the role of the lead independent director, the independence of the Board's committees, and the regular use of executive sessions of the independent directors, the Board is able to maintain independent oversight of our business strategies and activities. These features, together with

the role and responsibilities of the lead independent director described above, work to ensure a full and free discussion of issues important to Ciena. At the same time, the Board is able to take advantage of the unique blend of leadership, experience and knowledge of our industry and business that Dr. Nettles brings to the role of Executive Chairman.

#### Board Oversight of Risk

The Board of Directors believes that risk management is an important part of establishing, updating and executing Ciena's business strategy. The Board, as a whole and at the committee level, has oversight responsibility relating to risks that could affect the corporate strategy, business objectives, compliance, operations and the financial condition and performance of the company. The Board focuses its oversight on the most significant risks facing the company and on its processes to identify, prioritize, assess, manage and mitigate those risks. The Board and its committees receive regular reports from members of senior management on areas of material risk to the company, including strategic, operational, financial, legal and regulatory

risks. The Board also receives an annual report from senior management on the status of any material risks as part of Ciena's enterprise risk management process. While the Board has an oversight role, management is principally tasked with direct responsibility for management and assessment of risks and the implementation of processes and controls to mitigate their effects on the company.

The Audit Committee as part of its responsibilities oversees the management of financial risks, including but not limited to accounting matters, liquidity and credit risks, corporate tax positions, insurance coverage, and cash investment strategy and financial results. The Audit Committee is also responsible for overseeing the management of risks relating to the performance of the company's internal audit function and its independent registered public accounting firm, as well as the company's systems of internal controls and disclosure controls and procedures. The Compensation Committee is responsible for overseeing the management of risks relating to the company's executive compensation and overall compensation and benefit strategies, plans, arrangements, practices and policies. The Governance and Nominations Committee oversees the management of risks associated with the company's overall compliance and corporate governance practices, and the independence, composition and compensation of the Board. Each of these committees provides regular reports to the full Board on at least a quarterly basis.

#### Committees of the Board of Directors and Meetings

During fiscal 2012, the Board of Directors held six meetings. The three standing committees of the Board of Directors held meetings as follows:

- the Audit Committee held nine meetings;
- the Compensation Committee held nine meetings; and
- the Governance and Nominations Committee held seven meetings.

All of our directors attended at least 75% of the aggregate of the total number of meetings of the Board of Directors and the committees on which they served during fiscal 2012. Ciena encourages, but does not require, members of the Board of Directors to attend the Annual Meeting. All of our directors attended Ciena's 2012 Annual Meeting.

#### **Composition of Standing Committees**

The table below details the composition of Ciena's standing Board committees as of fiscal 2012 year-end. Mr. Smith and Dr. Nettles do not serve on committees of the Board of Directors.

Director	Audit Committee	Compensation Committee	and Nominations Committee
Harvey B. Cash		X	Chairperson
Bruce L. Claflin	X	X	-
Lawton W. Fitt	Chairperson		
Patrick T. Gallagher	X		X
Judith M. O'Brien		Chairperson	X
Michael J. Rowny	X	-	

#### **Audit Committee**

The Audit Committee falls within the definition of "audit committee" under Section 3(a)(58)(A) of the Securities Exchange Act of 1934 ("Exchange Act"). The Board of Directors has determined that each member of the Audit Committee meets the independence criteria established by the SEC under Rule 10A-3 under the Exchange Act and

qualifies under the independence standards of The NASDAQ Stock Market. The Board of Directors has determined that Mr. Rowny is an "audit committee financial expert" as defined in Item 407 of Regulation S-K of the Exchange Act.

Among its responsibilities, the Audit Committee appoints and establishes the compensation for Ciena's independent registered public accounting firm, approves in advance all engagements with Ciena's independent registered public accounting firm to perform audit and non-audit services, reviews and approves the procedures used by Ciena to prepare its periodic reports, reviews and approves Ciena's critical accounting policies, discusses audit plans and reviews results of the audit engagement

with Ciena's independent registered public accounting firm, reviews the independence of Ciena's independent registered public accounting firm, and oversees Ciena's internal audit function and Ciena's accounting processes, including the adequacy of its internal controls over financial reporting. Ciena's independent registered public accounting firm and internal audit department report directly to the Audit Committee. The Audit Committee also reviews and considers any related person transactions in accordance with our Policy on Related Person Transactions and applicable rules of The NASDAQ Stock Market.

#### Governance and Nominations Committee

The Governance and Nominations Committee reviews, develops and makes recommendations regarding various aspects of the Board of Directors, including its size, composition, standing committees and practices. The Governance and Nominations Committee also reviews and implements corporate governance policies, practices and procedures. The Governance and Nominations Committee conducts an annual review of the performance of the Board of Directors and its individual members. The Governance and Nominations Committee is also responsible for making recommendations to the Board of Directors regarding the compensation, composition and independence of its non-employee members. The members of the Governance and Nominations Committee are all independent directors under applicable rules of The NASDAQ Stock Market.

It is the policy of the Governance and Nominations Committee to consider recommendations for nomination from other sources, including Ciena's officers, directors and stockholders. In considering these recommendations, the Governance and Nominations Committee utilizes the same standards described above, and considers the current size and composition of the Board, and the needs of the Board and its committees. When appropriate, the Governance and Nominations Committee may retain executive recruitment firms to assist in identifying suitable candidates. Stockholders who wish to recommend potential nominees may address their recommendations in writing to Ciena Corporation, 7035 Ridge Road, Hanover, Maryland 21076, Attention: Corporate Secretary. For a description of the process by which stockholders may nominate directors in accordance with our bylaws, please see "Stockholder Proposals for 2014 Annual Meeting" below.

#### **Compensation Committee**

The Compensation Committee has responsibility, authority and oversight relating to the development of Ciena's overall compensation strategy and compensation programs. The Compensation Committee establishes our compensation philosophy and policies, and administers compensation plans for executive officers and non-executive employees. The Compensation Committee seeks to assure that our compensation practices promote stockholder interests and support our compensation objectives and philosophy. Ciena's compensation program for executive officers focuses on addressing the following principal objectives:

attract and retain talented personnel by offering competitive compensation packages; motivate employees to achieve strategic and tactical objectives and the profitable growth of Ciena; reward employees for individual and corporate performance; and align executive compensation with stockholder interests.

In making compensation decisions, the Committee also seeks to promote teamwork among and high morale within our executive team.

The Compensation Committee determines the compensation of our executive officers. As part of this determination, the Compensation Committee annually evaluates the performance of our Chief Executive Officer and Executive Chairman, and considers evaluations by or recommendations from our Chief Executive Officer regarding the other executive officers. The Committee also receives information from its compensation consultant. The Committee

reviews and has final authority to approve and make decisions with respect to the compensation of Ciena's executive officers. For detailed information regarding the Compensation Committee, its determination of the form and amount of compensation paid to our executive officers, including the "Named Executive Officers," and Mr. Smith's role in such determination, please see "Compensation Discussion and Analysis" below.

The members of the Compensation Committee qualify as "outside directors" within the meaning of Section 162(m) of the Internal Revenue Code, qualify as "non-employee directors" within the meaning of Rule 16b-3 under the Exchange Act and comply with the independence requirements of The NASDAQ Stock Market. The Compensation Committee's charter permits the Committee to delegate authority to our Chief Executive Officer in connection with new hires, promotions and other discretionary awards. The Compensation Committee has delegated limited authority to Mr. Smith to make equity awards to employees who are not part of the executive leadership team, within certain parameters and guidelines applicable to, among

other things, the size, terms and conditions of such awards. The Compensation Committee regularly reviews at its meetings quarterly and year-to-date grant activity pursuant to this delegated authority.

Compensation Consultant. To assist it in carrying out its responsibilities, the Compensation Committee is authorized to retain the services of independent advisors. For purposes of advice and consultation with respect to compensation of our executive officers during fiscal 2012, the Committee engaged Compensia, Inc., a national compensation consulting firm. In order to assure Compensia's continued independence and to avoid any actual or apparent conflict of interest, the Committee does not permit Ciena to engage Compensia to perform any services for Ciena beyond those services provided to the Committee. The Committee has sole authority to retain or terminate Compensia as the Committee's executive compensation consultant and to approve its fees and other terms of engagement. The Committee regularly, but not less than annually, considers the independence of Compensia and determines whether any related conflicts of interest require disclosure.

In establishing executive compensation for fiscal 2012, the Compensation Committee relied upon Compensia to:

assist in the selection of a group of peer companies;

provide information on compensation paid by peer companies to their executive officers;

provide survey data to supplement publicly available information on compensation paid by peer companies;

advise on alternative structures, forms of compensation and allocation considerations;

advise the Committee on appropriate levels of compensation for the Named Executive Officers and the other members of the executive leadership team; and

prepare "tally sheets" showing, for each executive officer, all elements of compensation received in previous fiscal years, equity grant detail, the projected value of vested and unvested awards outstanding, and a competitive assessment of compensation relative to a peer group.

In addition to its advisory work regarding executive compensation during fiscal 2012, Compensia was also engaged by the Committee to participate in or provide assistance with respect to the Committee's annual compensation risk assessment, the Compensation Discussion and Analysis included in these proxy materials, and fiscal 2013 director compensation planning.

#### Compensation Committee Interlocks and Insider Participation

Messrs. Cash and Claflin and Ms. O'Brien, who comprised the Compensation Committee as of the end of fiscal 2012, are independent directors and were not, at any time during fiscal 2012, or at any other time, officers or employees of Ciena. During fiscal 2012, no member of the Compensation Committee was an executive officer of another entity on whose compensation committee or board of directors an executive officer of Ciena served.

#### DIRECTOR COMPENSATION

Our director compensation program is designed to attract and retain highly qualified, independent directors to represent stockholders on the Board of Directors and to act in their best interest. The Governance and Nominations Committee, which consists solely of independent directors, has primary responsibility for reviewing and recommending any changes to our director compensation program, with compensation changes approved or ratified by the full Board of Directors.

Our Board of Directors includes two Ciena executive officers: Dr. Nettles, who serves as Executive Chairman of the Board, and Gary Smith, who serves as Ciena's President and Chief Executive Officer. Except as set forth in "Equity

Compensation" below, Dr. Nettles does not receive compensation for his services as a director. As a Named Executive Officer, information regarding the determination of Mr. Smith's compensation can be found in the "Compensation Discussion and Analysis" and "Executive Compensation Tables" below. Mr. Smith does not receive compensation for his service as a director.

#### Fiscal 2012 Board Compensation

In connection with certain revisions made to Board compensation for fiscal 2011, the Governance and Nominations Committee specifically determined it would not review Board compensation again until setting compensation for fiscal 2013. As a result, fiscal 2012 Board compensation was unchanged from the previous fiscal year.

At the time the current compensation program was established, the Compensation Committee engaged Compensia to assist in evaluating the competitiveness of our director compensation program. This evaluation was then reviewed by our Governance and Nominations Committee. The Governance and Nominations Committee also considered an overview of the corporate governance environment as well as recent trends and developments relating to director compensation. The Governance and Nominations Committee specifically considered the amount and various components of our director compensation program, as well as the aggregate director compensation costs, in comparison to the board of directors of the same group of peer companies that the Compensation Committee used in determining executive officer compensation at that time. After considering the factors above and the recommendations of the Governance and Nominations Committee, our Board of Directors approved a director compensation program for fiscal 2011 and fiscal 2012, increasing the cash elements for directors serving on Committees and chairpersons thereof, and increasing total delivered value for equity compensation awards in the form of restricted stock units ("RSUs"). The cash and equity components of the fiscal 2012 director compensation program are described below.

Cash Compensation. Our cash compensation program for non-employee directors for fiscal 2012 was as follows:

Cash Compensation	Amount (\$)
Non-Employee Director Annual Retainer	\$50,000
Additional Annual Retainer for Lead Outside Director	\$10,000
Audit Committee Annual Retainer	\$35,000 (Chairperson)
Audit Committee Amuai Ketamei	\$15,000 (other directors)
Compensation Committee Annual Retainer	\$25,000 (Chairperson)
Compensation Committee Amuai Retainer	\$10,000 (other directors)
Governance and Nominations Committee Annual Retainer	\$15,000 (Chairperson)
Governance and Evoluntations Committee Familia Retainer	\$6,000 (other directors)

Under this program, the Board of Directors does not pay meeting attendance fees unless the Board, or any standing Board committee, is required to hold an unusually high number of meetings. In the event that the Board or a standing Board committee holds more than ten meetings in a fiscal year, each non-employee director (as applicable) will be entitled to receive an additional \$1,500 per meeting for the Chairperson, and \$1,000 for other directors. In the event that the Board, or a standing Board committee, creates a special committee or subcommittee that holds more than three meetings in a fiscal year, each non-employee director serving on that committee or subcommittee will be entitled to receive an additional \$1,000 per meeting.

We pay the retainer fees set forth above in quarterly installments. Meeting attendance fees, when applicable, are generally paid promptly following the end of the fiscal year, and directors are reimbursed for reasonable out-of-pocket expenses incurred in connection with attendance at Board and committee meetings.

Equity Compensation. Our equity compensation program for non-employee directors and Dr. Nettles for fiscal 2012 was as follows:

Equity Compensation	Targeted Delivered Value (\$)
Initial RSU Award Upon Election or Appointment	\$200,000
Annual RSU Award — Non-Employee Directors	\$125,000
Annual RSU Award — Executive Chairman of the Board	\$125,000

The actual number of shares underlying RSU awards granted in order to achieve the applicable "targeted delivered value" in the table above is determined based on the average closing price of Ciena's common stock over the 30-day period immediately prior to the date of the grant. Initial equity awards are made upon first election or appointment to the Board of Directors with the targeted delivered value prorated for the fiscal year based on date of election or

appointment. Initial equity awards vest in equal annual installments over a three-year period from the date of grant. Annual equity awards are made on the date of each Annual Meeting of stockholders and vest in equal annual installments over a three-year period from the date of grant. Vesting of the RSU awards is subject to acceleration upon the director's death, disability, retirement, or upon or in connection with a change in control of Ciena. Delivery of the shares upon vesting is subject to any applicable instruction provided by the director under the Directors' Restricted Stock Deferral Plan described below.

#### **Director Compensation Table**

The following table and the accompanying footnotes describe the "total compensation" received by our non-employee directors and by Dr. Nettles during fiscal 2012. Pursuant to SEC requirements, the director compensation tables below include information regarding Messrs. Bradley and Medina, both of whom resigned from the Board prior to the end of fiscal 2012.

#### **Director Compensation Table**

	Fees Earned or Paid in Cash	Stock Awards	Option Awards	All Other Compensation	Total
Name	(\$)(1)	(\$)(2)	(\$)	(\$)(3)	(\$)
Patrick H. Nettles, Ph.D.	_	\$130,627	_	\$320,677	\$451,304
Harvey B. Cash	\$85,000	\$130,627	_	_	\$215,627
Bruce L. Claflin	\$75,000	\$130,627	_	_	\$205,627
Lawton W. Fitt	\$85,000	\$130,627	_	_	\$215,627
Patrick T. Gallagher	\$68,000	\$130,627	_	_	\$198,627
Judith M. O'Brien	\$81,000	\$130,627	_	_	\$211,627
Michael J. Rowny	\$65,000	\$130,627			\$195,627
Stephen P. Bradley, Ph.D.	\$35,500	<b>\$</b> —			\$35,500
Manuel D. Medina	\$12,500	\$167,186	_	_	\$179,686

<sup>(1)</sup> Reflects the aggregate dollar amount of all cash compensation earned for service as a director, including the retainers and meeting attendance fees described in "Cash Compensation" above.

The amounts set forth in the "Stock Awards" column represent the aggregate grant date fair value of restricted stock unit awards granted during fiscal 2012, computed in accordance with Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC") Topic 718. The aggregate grant date fair value is calculated using the closing price of our common stock on the grant date as if all of the shares underlying these awards were vested and delivered on the grant date. Mr. Medina's aggregate grant date fair value is calculated using the closing price of our common stock on June 1, 2012, the date of his initial appointment to Ciena's board and the date of grant. Aggregate grant date fair value for all other directors is calculated using the closing price of our common stock on March 21, 2012. Each of these awards was granted under the 2008 Omnibus Incentive Plan ("2008 Plan")

- (2) and vests over a three-year period from the date of grant. The aggregate grant date fair values will likely vary from the actual amount ultimately realized by any director based on a number of factors, including the number of shares that ultimately vest, the effect of any deferral elections, the timing of any sale of shares, and the market price of our common stock. For information regarding the number of unvested restricted stock units held by each of the non-employee directors and Dr. Nettles as of the end of fiscal 2012, see the "Outstanding Equity Awards for Directors at Fiscal Year End" table below. Mr. Bradley resigned upon the conclusion of his term at the 2012 Annual Meeting and did not receive an equity grant during fiscal 2012. Mr. Medina resigned prior to any vesting of his initial RSU award, and therefore the RSUs reported above were forfeited in their entirety and returned to the 2008 Plan.
- (3) Non-employee directors do not receive any perquisites or other compensation as part of their compensation. Dr. Nettles does not receive cash compensation for his service as a director and the amount reported reflects (a) his \$300,000 annual base salary for service as an executive officer of Ciena during fiscal 2012, which was a 53-week

fiscal period, (b) the incremental expense of an insurance premium paid by Ciena for a supplemental executive long-term disability insurance policy held by Dr. Nettles, and (c) Section 401(k) plan matching contributions paid by Ciena and available to all full-time U.S. employees on the same terms.

#### Outstanding Equity Awards for Directors at Fiscal Year-End

The following table sets forth, on an aggregate basis, information related to unexercised stock options and unvested RSU awards held by each of the non-employee directors and by Dr. Nettles as of the end of fiscal 2012. We have not granted stock options to our non-employee directors since fiscal 2006. A significant portion of the stock options held by our directors and reported in the table below were "out-of-the-money," based upon the \$12.78 closing market price per share of Ciena common stock at the end of fiscal 2012. Neither of Mr. Bradley nor Mr. Medina held any outstanding equity awards as of the end of fiscal 2012.

#### Outstanding Equity Awards at Fiscal Year-End

	Unexercised Op	Stock Awards	
	Aggregate Number of Shares Underlying Exercisable Options	Aggregate Number of Shares Underlying Unexercisable Options	Aggregate Number of Unvested Shares or Units
Name	(#)	(#)	(#)
Patrick H. Nettles, Ph.D.	110,356		13,647
Harvey B. Cash	11,785	_	13,647
Bruce L. Claflin	6,428	_	13,647
Lawton W. Fitt	11,785	_	13,647
Patrick T. Gallagher	_	_	13,647
Judith M. O'Brien	11,785	_	13,647
Michael J. Rowny	13,451		13,647

#### Directors' Restricted Stock Deferral Plan

The Directors' Restricted Stock Deferral Plan allows non-employee directors to defer receipt of all or a portion of the shares underlying RSU awards granted in connection with their service on the Board of Directors. Generally, deferral elections may only be made for awards to be granted in a subsequent calendar year. Directors can elect the amount deferred, the deferral period and the form of distribution of their shares. If a director elects to defer any portion of an award, upon the vesting of that award, we credit a stock account with the amount deferred. There are no other investment options under the plan and all accounts are distributed in shares of Ciena common stock. Distributions may be made in a lump sum or installments, as designated by the participating director, subject to early distribution of vested awards in a lump sum in the event of the participant's death, termination of service, a change in control of Ciena or termination of the plan.

#### PROPOSAL NO. 2

# RATIFICATION OF APPOINTMENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

The Audit Committee of the Board of Directors has appointed PricewaterhouseCoopers LLP ("PwC") as our independent registered public accounting firm to audit Ciena's consolidated financial statements for the fiscal year ending October 31, 2013, and is asking stockholders to ratify this appointment at the Annual Meeting.

PwC has audited our consolidated financial statements annually since Ciena's incorporation in 1992. A representative of PwC is expected to be present at the Annual Meeting to be webcast live this year. He or she will have the opportunity to make a statement, if desired, and will be available to respond to appropriate questions. In making its recommendation to the Board of Directors to select PwC as Ciena's independent registered public accounting firm for fiscal 2013, the Audit Committee has considered whether the non-audit services provided by PwC are compatible with maintaining the independence of PwC. Information regarding fees billed by PwC for our 2011 and 2012 fiscal years is set forth under "Relationship with Independent Registered Public Accounting Firm" below.

Our bylaws do not require that stockholders ratify the appointment of our independent registered public accounting firm. We are seeking ratification because we believe it is a matter of good corporate governance. In the event that stockholders fail to ratify the appointment, the Audit Committee will reconsider whether to retain PwC, but may ultimately determine to retain PwC as our independent registered public accounting firm. Even if the appointment is ratified, the Audit Committee, in its sole discretion, may direct the appointment of a different independent registered public accounting firm at any time during the year if it determines that it is advisable to do so.

#### Proposal No. 2 — Recommendation of the Board of Directors

The Board of Directors recommends that Ciena stockholders vote "FOR" the ratification of the appointment of PwC as our independent registered public accounting firm for the current fiscal year.

#### RELATIONSHIP WITH INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

The following table shows the fees that PwC billed to Ciena for professional services rendered for fiscal years 2011 and 2012.

	Fiscal	Fiscal
Fee Category	2011	2012
Audit Fees	\$3,810,000	\$3,922,830
Audit-Related Fees	\$40,000	\$40,000
Tax Fees	\$73,558	\$49,888
All Other Fees	<del></del>	3,085
Total Fees	\$3,923,558	\$4,015,803

Audit Fees. This category of the table above includes fees for the integrated audit of our annual financial statements, review of financial statements included in our quarterly reports on Form 10-Q, and services that are normally provided by PwC in connection with statutory and regulatory filings or engagements. The preparation of Ciena's audited financial statements includes compliance with Section 404 of the Sarbanes-Oxley Act of 2002 and the preparation by PwC of a report expressing its opinion regarding the effectiveness of our internal control over financial reporting. Fiscal 2011 and 2012 audit fees reflect PwC's integrated audit of our financial statements for those years. Fiscal 2012

audit fees includes fees related to audit services performed during the fiscal year for a separate financial statement audit of our Canadian subsidiary.

Audit-Related Fees. This category of the table above includes fees for assurance and related services that are reasonably related to the performance of the audit or review of our financial statements and are not included above under "Audit Fees." Fiscal 2011 and 2012 audit-related fees include auditor services relating to various accounting consultations, including, for fiscal 2012, with respect to foreign currency hedging activity and a convertible notes exchange transaction.

Tax Fees. This category of the table above includes fees for tax compliance, tax advice and tax planning. Fiscal 2011 and fiscal 2012 fees relate to international value added tax (VAT) compliance services.

All Other Fees. This category of the table above includes fees for services provided by PwC that are not included in the service categories reported above. Fiscal 2012 fees relate to services provided for a high-level workshop on trends within our industry on information technology. Ciena did not incur any such fees during fiscal 2011.

#### Pre-Approval of Services

The Audit Committee pre-approves all services provided by our independent registered public accounting firm, including audit services (such as statutory audit engagements as required under local country laws) and non-audit services. For audit services with respect to Ciena Corporation, each year our independent registered public accounting firm provides the Audit Committee with an engagement letter outlining the scope of the audit services proposed to be performed during the year, which must be accepted by the Audit Committee before the audit commences. Our independent registered public accounting firm also submits an audit services fee proposal, which also must be approved by the Audit Committee before the audit commences.

Each year, management also submits to the Audit Committee a list of non-audit services for which it recommends the independent registered public accounting firm be engaged to provide and an estimate of the fees to be paid for each. Management and the independent registered public accounting firm must each confirm to the Audit Committee that the performance of the non-audit services on the list would not compromise the independence of our registered public accounting firm and would be permissible under applicable legal requirements. The Audit Committee must approve both the list of non-audit services and the budget for each such service before commencement of the work. Our management and our independent registered public accounting firm report to the Audit Committee at each of its regular meetings as to the non-audit services actually provided by the independent registered public accounting firm and the approximate fees incurred by Ciena for those services.

To ensure prompt handling of unexpected matters, the Audit Committee has authorized its Chairperson to amend or modify the list of approved permissible non-audit services and fees. If the Chairperson exercises this delegation of authority, she reports the action taken to the Audit Committee at its next regular meeting.

In compliance with the Audit Committee's internal policy and auditor independence rules of the SEC, all audit and permissible non-audit services provided by PwC to Ciena for the fiscal years 2011 and 2012 were pre-approved by the Audit Committee.

#### AUDIT COMMITTEE REPORT

The information contained in this report shall not be deemed to be "soliciting material" or "filed" or incorporated by reference in future filings with the SEC, or subject to the liabilities of Section 18 of the Exchange Act, except to the extent that Ciena specifically incorporates it by reference into a document filed under the Securities Act of 1933 or the Exchange Act.

The Audit Committee oversees Ciena's financial reporting process on behalf of the Board of Directors. Management has the primary responsibility for the financial statements and the reporting process including the system of internal controls. The Audit Committee meets with Ciena's independent registered public accounting firm, PricewaterhouseCoopers LLP, with and without management present, to discuss the results of its examinations and Ciena's financial reporting practices. The Audit Committee met with management periodically during fiscal 2012 to consider the adequacy of Ciena's internal controls, and discussed these matters with PricewaterhouseCoopers LLP and

Ciena senior management, finance and internal audit personnel. The Committee also discussed with senior management and PricewaterhouseCoopers LLP Ciena's disclosure controls and procedures.

The Audit Committee has reviewed and discussed Ciena's audited financial statements for fiscal 2012 with management and with PricewaterhouseCoopers LLP. The Audit Committee has discussed with PricewaterhouseCoopers LLP the matters required to be discussed by Auditing Standards No. 61, as amended (AICPA, Professional Standards, Vol. 1. AU section 380), as adopted by the Public Company Accounting Oversight Board ("PCAOB") in Rule 3200T. The Audit Committee has received the written disclosures and the letter from PricewaterhouseCoopers LLP required by applicable requirements of the PCAOB regarding Pricewaterhouse Coopers LLP's communications with the audit committee concerning independence and has discussed with Pricewaterhouse Coopers LLP its independence. Based on the Audit Committee's review of the audited financial statements and the review and discussions described in this report, the Audit Committee recommended to the Board of

Directors that the audited financial statements for fiscal 2012 be included in Ciena's Annual Report on Form 10-K for fiscal 2012 for filing with the SEC.

Submitted by the members of the Audit Committee:

Lawton W. Fitt (Chairperson) Bruce L. Claflin Patrick T. Gallagher Michael J. Rowny

#### **OWNERSHIP OF SECURITIES**

The following table sets forth, as of January 14, 2013, the beneficial ownership of Ciena's common stock for the following persons:

all stockholders known by us to own beneficially 5% or more of our common stock;

our Chief Executive Officer and the other Named Executive Officers (as that term is defined in the "Executive Compensation Tables" below);

each of our directors; and

all of our directors and executive officers as a group.

Certain information in the table concerning beneficial owners other than our directors and executive officers is based on information contained in filings made by such beneficial owners with the SEC.

Under SEC rules, beneficial ownership of a class of capital stock includes any shares of such class as to which a person, directly or indirectly, has or shares voting power or investment power and also any shares as to which a person has the right to acquire such voting or investment power within 60 days through the exercise or conversion of any stock option, stock award, or other similar right. Beneficial ownership reported by certain 5% or more stockholders also includes shares underlying outstanding convertible notes issued by Ciena as set forth in the footnoted details. If two or more persons share voting power or investment power with respect to specific securities, each such person is deemed to be the beneficial owner of such securities. In computing the percentage ownership of any person, the amount of shares outstanding is deemed to include the amount of shares beneficially owned by such person (and only such person) by reason of such acquisition rights. As a result, the percentage of outstanding shares held by any person in the table below does not necessarily reflect the person's actual voting power. As of January 14, 2013, there were 101,516,991 shares of Ciena common stock outstanding.

Name of Beneficial Owner	Number of Shares Owned (1)	Right to Acquire (2)	Beneficial Ownership Total (3)	Percent of Outstanding Shares	
5% or More Stockholders					
Loomis, Sayles & Company, L.P. (4)	18,272,523	_	18,272,523	18.0	%

BlackRock, Inc. (5)	10,144,450		10,144,450	10.0	%
Wellington Management Company, LLP (6)	10,014,505		10,014,505	9.9	%
Platinum Investment Management Limited (7)	10,005,300		10,005,300	9.9	%
Brookside Capital Trading Fund, L.P. (8)	7,840,215	_	7,840,215	7.7	%
Soros Fund Management LLC (9)	150,000	5,704,965	5,854,965	5.5	%
Citadel Investment Group II, L.L.C. (10)	5,276,284		5,276,284	5.2	%
S.A.C. Capital Advisors, L.P. (11)	5,165,248		5,165,248	5.1	%

	Number of	Dight to	Beneficial	Percent of
Name of Beneficial Owner	Shares Owned	Right to Acquire (2)	Ownership	Outstanding
Name of Beneficial Owner	(1)		Total (3)	Shares

Directors & Named Executive Officers