



NOTICE OF 2009 ANNUAL MEETING OF STOCKHOLDERS

Dear Stockholder:

We invite you to attend our 2009 annual meeting of stockholders, which is being held as follows:

Date: Tuesday, June 9, 2009
Time: 10:00 a.m., local time
Location: IPG Photonics Corporation
50 Old Webster Road
Oxford, Massachusetts 01540

At the meeting, we will ask our stockholders to:

- elect nine directors, each for a one-year term;
- ratify the appointment of Deloitte & Touche LLP as our independent registered public accounting firm for 2009; and
- consider any other business properly presented at the meeting.

You may vote on these matters in person or by proxy. Whether or not you plan to attend the meeting, we ask that you promptly complete and return the enclosed proxy card in the enclosed addressed, postage-paid envelope, so that your shares will be represented and voted at the meeting in accordance with your instructions. If you attend the meeting, you may withdraw your proxy and vote your shares in person. Only stockholders of record at the close of business on April 14, 2009 may vote at the meeting.

By order of the Board of Directors,

A handwritten signature in black ink, appearing to read 'Angelo P. Lopresti', written in a cursive style.

Angelo P. Lopresti
*Vice President, General Counsel
and Secretary*

April 15, 2009

Your vote is important. There are three ways to vote your shares by proxy:

- Call the toll-free number listed on your proxy card;
- Visit the Internet site address listed on your proxy card; or
- Complete, sign, date and return the enclosed proxy card by mail in the envelope provided.

If you choose to vote by mail, please do so promptly to ensure that your proxy arrives in sufficient time.

IMPORTANT NOTICE REGARDING THE AVAILABILITY OF PROXY MATERIALS FOR THE STOCKHOLDER MEETING TO BE HELD ON JUNE 9, 2009:
Our Proxy Statement and Annual Report on Form 10-K for the year ended December 31, 2008 are available at <http://investor.ipgphotonics.com/annual-proxy.cfm>.



IPG Photonics Corporation
50 Old Webster Road
Oxford, Massachusetts 01540

**PROXY STATEMENT FOR THE
2009 ANNUAL MEETING OF STOCKHOLDERS
TO BE HELD ON JUNE 9, 2009**

INFORMATION ABOUT THE MEETING

The Meeting

The 2009 annual meeting of stockholders of IPG Photonics Corporation will be held at 10:00 a.m., local time, on Tuesday, June 9, 2009 at the offices of IPG Photonics Corporation, 50 Old Webster Road, Oxford, Massachusetts 01540. At the meeting, stockholders of record at the close of business on April 14, 2009 who are present or represented by proxy will have the opportunity to vote on the following matters:

- the election of nine directors, each for a one-year term;
- the ratification of the appointment of Deloitte & Touche LLP as our independent registered public accounting firm for 2009; and
- any other business properly presented at the meeting.

This Proxy Solicitation

We have sent you this proxy statement and the enclosed proxy card because our Board of Directors is soliciting your proxy to vote at the meeting (including any adjournment or postponement of the meeting).

- *This proxy statement* summarizes information about the proposals to be considered at the meeting and other information you may find useful in determining how to vote.
- *The proxy card* is the means by which you actually authorize another person to vote your shares at the meeting in accordance with your instructions.

We will pay the cost of soliciting proxies. Our directors, officers and employees may solicit proxies in person, by telephone or by other means. We will reimburse brokers and other nominee holders of shares for expenses they incur in forwarding proxy materials to the beneficial owners of those shares. We do not currently plan to retain the services of a proxy solicitation firm to assist us in this solicitation.

We are mailing this proxy statement and the enclosed proxy card to stockholders for the first time on or about April 15, 2009. In this mailing, we are including a copy of our 2008 Annual Report to Stockholders, which includes our Annual Report on Form 10-K for the year ended December 31, 2008 (excluding exhibits), as filed with the Securities and Exchange Commission, or the SEC. The 2008 Annual Report to Stockholders is not to be regarded as proxy soliciting material or as a communication by means of which any solicitation is to be made.

Who May Vote

Holders of record of our common stock at the close of business on April 14, 2009 are entitled to one vote per share of common stock on each proposal properly brought before the annual meeting.

A list of stockholders entitled to vote will be available at the annual meeting. In addition, you may contact our Secretary at our corporate offices, located at 50 Webster Road, Oxford, Massachusetts 01540, to make arrangements to review a copy of the stockholder list at those offices, between the hours of 9:00 a.m. and 4:30 p.m., local time, during the ten days before the date of the annual meeting.

How to Vote

You are entitled to one vote at the meeting for each share of common stock registered in your name at the close of business on April 14, 2009, the record date for the meeting. You may vote your shares at the meeting in person or by proxy.

- *To vote in person*, you must attend the meeting, and then complete and submit the ballot provided at the meeting.
- *To vote by proxy*, you may:
 - call the toll-free number listed on the accompanying proxy card;
 - visit the Internet site address listed on the accompanying proxy card; or
 - complete, sign and date the accompanying proxy card and return it in the envelope provided.

The person named as proxy on the accompanying proxy card was designated by our Board and is one of our officers. All proxies that are properly received by us prior to the meeting, and not revoked, will be voted in accordance with the instructions given in the proxy. If a choice is not specified in the proxy, the shares represented by the proxy will be voted FOR election of all of the director nominees listed therein and FOR the ratification of the appointment of Deloitte & Touche LLP as our independent registered public accounting firm for 2009. Management is not aware of any other matters that will be presented for consideration at our 2009 annual meeting of stockholders. If any other matter not mentioned in this proxy statement is brought before the meeting, the proxy holder named in the enclosed proxy will have discretionary authority to vote all proxies with respect thereto in accordance with his judgment.

If you vote by proxy, you may revoke your proxy at any time before it is exercised by taking one of the following actions:

- sending written notice to our Secretary at our address set forth in the notice of meeting appearing on the cover of this proxy statement;
- voting again by proxy on a later date; or
- attending the meeting, notifying our Secretary that you are present, and then voting in person.

Shares Held by Brokers or Nominees

If a broker or nominee holds shares of our common stock for you in its name as record holder, then this proxy statement may have been forwarded to you with a voting instruction card, which allows you to instruct the broker or nominee how to vote your shares on the proposals described herein. To vote by proxy, you should follow the directions provided with the voting instruction card. If your shares are held by a broker and you do not provide timely voting instructions, the broker may have discretionary authority to vote your shares on matters which are considered routine. For non-routine matters, if you do not provide instructions, the broker will not vote your shares, which results in a "broker non-vote." To vote your shares in person, you must obtain a properly executed legal proxy from the record holder of the shares which identifies you as an IPG Photonics Corporation stockholder and authorizes you to act on behalf of the record holder with respect to a specified number of shares.

Quorum Required to Transact Business

At the close of business on April 14, 2009, there were 45,353,033 shares of our common stock outstanding. Our bylaws require that a majority of our common stock be represented, in person or by proxy, at the meeting in order to constitute the quorum we need to transact business at the meeting. We will count abstentions and broker non-votes in determining whether a quorum exists.

Multiple Stockholders Sharing the Same Address

If you and other residents at your mailing address own shares of the Company's common stock through a broker or other nominee, you may have elected to receive only one copy of this proxy statement and our 2008 Annual Report on Form 10-K. If you and other residents at your mailing address own shares of the Company's common stock in your own names, you may have received only one copy of this proxy statement and our 2008 Annual Report on Form 10-K unless you provided our transfer agent with contrary instructions. This practice, known as "householding," is designed to reduce our printing and postage costs. You may promptly obtain an additional copy of this proxy statement, enclosed proxy card and our 2008 Annual Report on Form 10-K by sending a written request to IPG Photonics Corporation, Attention: Secretary, 50 Old Webster Road, Oxford, Massachusetts 01540, or by calling our Secretary at (508) 373-1100. If you hold your shares through a broker or other nominee and wish to discontinue householding or to change your householding election, you may do so by calling 1-800-542-1061 or writing to Broadridge Investor Communication Services, Attn.: Household Department, 51 Mercedes Way, Edgewood, New York 11717.

PROPOSAL 1: ELECTION OF DIRECTORS

The first proposal on the agenda for the meeting is the election of nine persons to serve as directors, each for a one-year term that will begin at the meeting and end at our 2010 annual meeting of stockholders, or until his successor has been duly qualified and elected, or until his earlier death, resignation or removal.

Nominees for Election

The following table sets forth certain information as of March 31, 2009 regarding our incumbent directors, each of whom has been nominated by the Board of Directors for re-election at our 2009 annual meeting of stockholders.

<u>Name</u>	<u>Age</u>	<u>Position</u>
Valentin P. Gapontsev, Ph.D.	70	Chief Executive Officer and Chairman of the Board
Eugene Shcherbakov, Ph.D.	61	Managing Director of IPG Laser and Director
Igor Samartsev	46	Acting General Manager of NTO IRE-Polus and Director
Robert A. Blair	62	Director
Michael C. Child	54	Director
John H. Dalton	67	Director
Henry E. Gauthier	68	Director
William S. Hurley	64	Director
William F. Krupke, Ph.D.	72	Director

Valentin P. Gapontsev, Ph.D., founded IPG in 1990 and has been our Chief Executive Officer and Chairman of our Board of Directors since our inception. Prior to that time, he served as senior scientist in laser material physics and head of the laboratory at the Soviet Academy of Science's Institute of Radio Engineering and Electronics in Moscow. He has over thirty years of academic research experience in the fields of solid state laser materials, laser spectroscopy and non-radiative energy transfer between rare earth ions and is the author of many scientific publications and several international patents. Dr. Gapontsev holds a Ph.D. in Physics from the Moscow Institute of Physics and Technology. In 2006, he was awarded the Ernst & Young®

Entrepreneur of the Year Award for Industrial Products and Services in New England. He is the father of Denis Gapontsev, our Vice President-Research and Development.

Eugene Shcherbakov, Ph.D., has served as the Managing Director of IPG Laser GmbH, our German subsidiary, since August 2000 and has been a member of our Board of Directors since September 2000. Dr. Shcherbakov served as the Technical Director of IPG Laser from 1995 to August 2000. From 1983 to 1995, Dr. Shcherbakov was a senior scientist in fiber optics and head of the optical communications laboratory at the General Physics Institute, Russian Academy of Science in Moscow. Dr. Shcherbakov graduated from the Moscow Physics and Technology Institute with an M.S. in Physics. In addition, Dr. Shcherbakov attended the Russian Academy of Science in Moscow, where he received a Ph.D. in Quantum Electronics from its Lebedev Physics Institute and a Dr.Sci. degree in Laser Physics from its General Physics Institute.

Igor Samartsev has been the acting General Manager of our Russian subsidiary, NTO IRE-Polus, since 2005. He served as the Technical Director of NTO IRE-Polus from 2000 to April 2005 and, from 1993 to 2001, he was the Deputy Director of NTO IRE-Polus. Mr. Samartsev holds an M.S. in Physics from the Moscow Institute of Physics and Technology.

Robert A. Blair has served as a member of our Board of Directors since September 2000. Since January 1999, Mr. Blair has been the President of the Blair Law Firm P.C. Mr. Blair was a senior partner at the law firm of Manatt, Phelps & Phillips from 1995 to 1999. He was the managing partner of the law firm of Anderson, Hibey, Nauheim & Blair from 1981 to 1995. He is a trustee under Winkler Trusts, previously the primary sources of equity for, and owners of, real estate ventures developed by The Mark Winkler Company. Mr. Blair is managing partner of several real estate partnerships, has been a manager/principal in cellular telephone ventures and assisted in the launch of a VoIP business. He is the founding Chairman and Chairman Emeritus of the S Corporation Association of America. Mr. Blair holds a B.A. in Mathematics from the College of William & Mary, where he previously served on its governing Board of Visitors, and a J.D. from the University of Virginia School of Law.

Michael C. Child has served as a member of our Board of Directors since September 2000. Since July 1982, Mr. Child has been employed by TA Associates, Inc., a private equity investment firm, where he currently serves as a Managing Director. Mr. Child holds a B.S. in Electrical Engineering from the University of California at Davis and an M.B.A. from the Stanford University Graduate School of Business.

John H. Dalton has served as a member of our Board of Directors since September 2000. Since 2005, he has been President of the Housing Policy Council of The Financial Services Roundtable. From September 2000 to December 2004, Mr. Dalton served as our President. He was appointed Secretary of the Navy by President Clinton in 1993 and served in that capacity until 1998. Mr. Dalton was nominated by President Carter to be President of the Government National Mortgage Association and to the Federal Home Loan Bank Board, where he served as Chairman. He is a member of the boards of directors of Fresh Del Monte Produce Inc. and BGC Partners, Inc. Mr. Dalton graduated with distinction from the United States Naval Academy and holds an M.B.A. from the Wharton School of Finance and Commerce of the University of Pennsylvania.

Henry E. Gauthier has served as a member of our Board of Directors since April 2006. Mr. Gauthier was President from February 2005 to May 2005, consultant from January 2004 to February 2005 and June 2005 to December 2006, and Chairman of the board of directors from May 2005 to December 2008, of Reliant Technologies, Inc., which was acquired in December 2008 by Thermage, Inc. (now called Solta Medical, Inc.), a manufacturer of medical laser systems and one of our customers. See "Certain Relationships and Related Party Transactions." He served as Vice Chairman of the board of directors of Coherent, Inc., a manufacturer of photonic products, from October 2002 to March 2005. He served as Chairman of the board of directors of Coherent, Inc. from February 1997 to October 2002 and was its President from 1983 to 1996. Since July 1996, Mr. Gauthier has served as a principal at Gauthier Consulting. He has been a member of the board of directors of Alara, Inc. since 1997. Mr. Gauthier attended the United States Coast Guard Academy, San Jose State University, and the Executive Institute of the Stanford University Graduate Business School.

William S. Hurley has served as a member of our Board of Directors since April 2006. Since April 2006, he has been principal of W.S. Hurley Financial Consulting LLC, which provides supplemental chief financial

officer services. From 2002 to April 2006, he was a partner with Tatum LLC, a nationwide executive services and consulting firm. He was Senior Vice President and Chief Financial Officer at Applied Science & Technology, a developer, manufacturer and supporter of semiconductor capital equipment, from 1999 until 2001. He served as Vice President and Chief Financial Officer at Cybex International, Inc., a designer, manufacturer and distributor of fitness equipment, from 1996 to 1999. From 1992 to 1995, he was Vice President–Controller and Chief Accounting Officer at BBN Corporation, formerly known as Bolt, Beranek & Newman, Inc., a high technology company. Mr. Hurley holds a B.S. in Accounting from Boston College and an M.B.A. in Finance from Columbia University Graduate School of Business. Mr. Hurley is a certified public accountant.

William F. Krupke, Ph.D., has served as a member of our Board of Directors since February 2001. Since 1999, Dr. Krupke has been President of a laser technology and applications consulting firm (now WFK Lasers, LLC). From 1972 to 1999, Dr. Krupke worked at the Lawrence Livermore National Laboratory, which provides research and development services to various U.S. government departments, serving for the last twenty of such years as Deputy Associate Director of the Laser Programs Directorate. He has over forty years of experience in the fields of solid-state lasers and innovative laser materials. Dr. Krupke holds a B.S. degree in Physics from Rensselaer Polytechnic Institute and M.A. and Ph.D. degrees in Physics from the University of California at Los Angeles.

The nine persons receiving the greatest number of votes cast will be elected as directors. We will not count votes withheld or broker non-votes when we tabulate votes cast for the election of a director. Consequently, withheld votes or broker non-votes or other failures to vote will have no effect on the election of directors.

OUR BOARD OF DIRECTORS RECOMMENDS THAT YOU VOTE FOR THE ELECTION OF MESSRS. GAPONTSEV, SHCHERBAKOV, SAMARTSEV, BLAIR, CHILD, DALTON, GAUTHIER, HURLEY AND KRUPKE AS DIRECTORS.

Corporate Governance

Corporate Governance Guidelines. Our Board has adopted Corporate Governance Guidelines (the “Governance Guidelines”) that outline, among other matters, the role and functions of the Board, the responsibilities of various Board committees and the mission of the Board. These Governance Guidelines are available, along with other important corporate governance materials, on our website at www.ipgphotonics.com. We will also provide an electronic or paper copy of these Governance Guidelines, free of charge, upon request made to our Secretary at the address listed on the cover of this proxy statement.

The Governance Guidelines provide, among other things, that:

- a majority of our Board of Directors must be independent;
- an independent director presides over executive sessions of independent directors;
- the Board appoints all members of the Board committees;
- the Audit, Compensation, and Nominating and Corporate Governance Committees consist solely of independent directors;
- the independent directors meet periodically in executive sessions without the presence of the non-independent directors or members of our management;
- directors may not serve on the boards of more than three other public companies; and
- evaluations of the Board and committees are to be conducted annually.

The Board regularly reviews changing legal and regulatory requirements, evolving best practices and other developments. The Board may modify the Governance Guidelines and its other corporate governance policies and practices from time to time, as appropriate.

Director Nominations. The Nominating and Corporate Governance Committee of the Board considers candidates for director nominees proposed by directors and stockholders. This Committee may retain recruiting professionals to assist in identifying and evaluating candidates for director nominees. As set forth in our Governance Guidelines, the Board seeks members from diverse professional backgrounds with a reputation for integrity who do not have professional commitments that might unreasonably interfere with the demands and duties of a board member. Candidates for director are reviewed in the context of the current composition of the Board, the operating requirements of the Company and the long-term interests of the Company's stockholders. In conducting this assessment, the Board considers diversity, age, skills and such other factors as it deems appropriate given the current needs of the Board and the Company to maintain a balance of knowledge, experience and capability. Candidates for director should have certain minimum qualifications, including the ability to read and understand basic financial statements, and must be over 21 years of age and possess the highest personal integrity and ethics. The Committee also considers whether the nominee must be independent for NASDAQ purposes.

The Nominating and Corporate Governance Committee has adopted a policy under which it will consider nominations by stockholders. The same identifying and evaluating procedures apply to all candidates for director nomination, including candidates submitted by stockholders. The Nominating and Corporate Governance Committee evaluates and interviews potential board candidates. All members of the Board may interview the final candidates.

Director Independence. IPG follows director independence rules under NASDAQ listing standards and SEC rules. Also, our Governance Guidelines require that a majority of our Board of Directors satisfy the independence rules of the Nasdaq Global Market and the SEC. Our Nominating and Corporate Governance Committee has determined that Messrs. Blair, Child, Dalton, Gauthier and Hurley and Dr. Krupke are "independent" as defined by Nasdaq Rule 4200(a)(15). Our Nominating and Corporate Governance Committee has determined that no such member has a relationship that would interfere with the exercise of independent judgment in carrying out his responsibilities as a director.

Executive Sessions. Our independent directors meet privately, without management present, at least four times during the year. These private sessions are generally held in conjunction with the regular quarterly Board meetings. Other private meetings are held as often as deemed necessary by the independent directors. The Audit Committee, the Compensation Committee and the Nominating and Corporate Governance Committee meet without management present from time to time as they deem necessary.

Presiding Independent Director. In accordance with our Governance Guidelines, an independent director is selected at each meeting of the Board of Directors to preside over private meetings of the independent directors. The presiding independent director acts as a liaison between the independent directors and our Chief Executive Officer and communicates to him with respect to matters discussed at executive sessions and agenda items for the Board. The position of presiding independent director rotates at each meeting based upon date of first election to the Board.

Director Meetings. It has been the practice of our Board to hold at least four regular meetings each year. Our Board of Directors met in person or by telephone eight times and acted by unanimous written consent three times in 2008. All of our directors attended at least 75% of the aggregate of the total number of meetings held by the Board of Directors and committees on which they served in 2008.

Policy Regarding Board Attendance. In accordance with our Governance Guidelines, our directors are expected to prepare for, attend and actively participate in meetings of the Board of Directors and meetings of committees on which they serve. Our directors are expected to spend the time needed at each meeting and to meet as frequently as necessary to properly discharge their responsibilities. We encourage members of our Board to attend annual meetings of stockholders, but we do not have a formal policy requiring them to do so. Two of our directors attended our 2008 annual meeting of stockholders.

Stock Ownership Guidelines. The Board adopted stock ownership guidelines in 2007 to more closely align the interests of our directors and executive officers with those of our stockholders. The guidelines provide that (i) non-employee directors should maintain an investment in our stock that is at least equal to five

times their annual cash Board retainer (excluding committee retainers); (ii) the Chief Executive Officer should maintain an investment in our stock that is at least equal to five times his annual salary; and (iii) other executive officers should maintain an investment that is at least equal to two times their annual salaries. In each case, the investment levels phase in over time and the investment levels are to be achieved no later than five years following the director's or executive's initial election or appointment or December 12, 2011, whichever occurs later. All directors and named executive officers were in compliance with our stock ownership guidelines as of December 31, 2008.

Shareholder Communications. Stockholders wishing to write to the Board or a specified director or a committee of the Board should send correspondence to IPG Photonics Corporation, attention Secretary, 50 Old Webster Road, Oxford, Massachusetts 01540. All written communications received in such manner from stockholders of the Company shall be forwarded to the members or committee of the Board to whom the communication is directed or, if the communication is not directed to any particular member(s) or committee of the Board, the communication shall be forwarded to all members of the Board.

Corporate Responsibility

Code of Business Conduct. We have adopted a code of business conduct that applies to all of our directors and employees, including our Chief Executive Officer, Chief Financial Officer and other executive officers. Our code of business conduct includes provisions covering conflicts of interest, business gifts and entertainment, outside activities, compliance with laws and regulations, insider trading practices, antitrust laws, payments to government personnel, bribes or kickbacks, corporate record keeping and accounting records. The code of business conduct is posted on our website at www.ipgphotonics.com.

Procedures for Submitting Complaints Regarding Accounting and Auditing Matters. Our Audit Committee has adopted procedures for the treatment of complaints regarding accounting, internal accounting controls or auditing matters, including procedures for the confidential and anonymous submission by our directors, officers and employees of concerns regarding questionable accounting, internal accounting controls or auditing matters. These procedures are posted on our website at www.ipgphotonics.com.

Committees of the Board

Our Board has three separate standing committees: the Audit Committee, the Compensation Committee and the Nominating and Corporate Governance Committee. Each committee operates under a written charter adopted by the Board. Copies of the charters of all standing committees are available on our website at www.ipgphotonics.com. We will also provide electronic or paper copies of the standing committee charters free of charge, upon request made to our Secretary.

Audit Committee. The current members of our Audit Committee are Mr. Hurley, who serves as Chairman, Mr. Child and Mr. Gauthier, each of whom is "independent" for Audit Committee purposes under the applicable rules of the Nasdaq Global Market and the SEC. The Nominating and Corporate Governance Committee has determined that Mr. Hurley qualifies as an "audit committee financial expert," as defined under the Securities Exchange Act of 1934 and the applicable rules of the Nasdaq Global Market. The Audit Committee met in person or by telephone eight times in 2008. The Audit Committee, among other things:

- appoints, approves the fees of, and assesses the independence of our independent registered public accounting firm;
- oversees the work of our independent registered public accounting firm, which includes the receipt and consideration of certain reports from the independent registered public accounting firm;
- resolves disagreements between management and our independent registered public accounting firm;
- pre-approves auditing and permissible non-audit services, and the terms of such services, to be provided by our independent registered public accounting firm;
- reviews and discusses with management and our independent registered public accounting firm our annual and quarterly financial statements and related disclosures;

- coordinates the oversight of our internal and external controls over financial reporting, disclosure controls and procedures and code of business conduct and ethics;
- establishes, reviews and updates our code of business conduct and ethics;
- establishes procedures for the receipt of accounting-related complaints and concerns;
- meets independently with our independent registered public accounting firm and management;
- prepares the Audit Committee report required by SEC rules to be included in our proxy statements; and
- performs any other activities consistent with its charter, the Company's bylaws, and governing law, as the Board deems necessary or appropriate.

Compensation Committee. The current members of our Compensation Committee are Mr. Blair, who serves as Chairman, Mr. Child and Mr. Gauthier, each of whom is an independent director. The Compensation Committee met in person or by telephone eight times and acted by unanimous written consent three times in 2008. The Compensation Committee, among other things:

- annually reviews and approves base salary, short-term and long-term incentive compensation, perquisites and other benefits for our Chief Executive Officer, other officers and key executives;
- reviews and approves corporate goals and objectives relevant to compensation of our Chief Executive Officer, other officers and key executives;
- evaluates, along with input of the independent directors, the performance of our Chief Executive Officer in light of our corporate goals and objectives and determines the compensation of our Chief Executive Officer;
- periodically reviews compensation practices, procedures and policies throughout the Company;
- reviews and approves employment and severance agreements for our CEO, other officers and key executives;
- appoints and approves the fees of the independent compensation consultant assisting in the evaluation of CEO, senior executives and director compensation, and obtains advice from legal, accounting and other advisors as it deems appropriate;
- reviews and recommends to the Board compensation for non-employee members of the Board;
- administers Company equity-based compensation plans; and
- performs any other activities as such committee or the Board determines or is required by the Company's charter or by-laws or applicable law.

Nominating and Corporate Governance Committee. The current members of our Nominating and Corporate Governance Committee are Dr. Krupke, who serves as Chairman, Mr. Blair, Mr. Dalton, and Mr. Hurley, each of whom is an independent director. Mr. Dalton joined the Committee in March 2008. The Nominating and Corporate Governance Committee met in person or by telephone seven times in 2008. The Nominating and Corporate Governance Committee, among other things:

- develops and recommends to the Board criteria for board membership;
- recommends to the Board changes that the Committee believes to be desirable with regard to the appropriate size, functions and needs of the Board;
- identifies and evaluates director candidates, including nominees recommended by our stockholders;
- identifies individuals qualified to fill vacancies on any committee of the Board;
- reviews procedures for stockholders to submit recommendations for director candidates;
- recommends to the Board the persons to be nominated for election as directors and to each of the Board's committees;

- reviews the performance of the Committee and evaluates its charter periodically;
- develops and recommends to the Board a set of corporate governance guidelines; and
- reviews and approves related party transactions.

Compensation Committee Interlocks and Insider Participation

None of our executive officers serves as a member of the board of directors or compensation committee, or other committee serving an equivalent function, of any other entity that has one or more of its executive officers serving as a member of our Board of Directors or Compensation Committee.

DIRECTOR COMPENSATION

The following table summarizes the compensation of each of our non-employee directors for the fiscal year ended December 31, 2008:

<u>Name</u>	<u>Fees Earned or Paid in Cash (\$)</u>	<u>Option Awards (\$)(1)</u>	<u>Total (\$)</u>
Robert A. Blair(2)	50,000	37,678	87,678
Michael H. Child(2)(3)	—	37,678	37,678
John H. Dalton(2)	34,167	37,678	71,845
Henry E. Gauthier(2)	47,910	42,713	90,623
William S. Hurley(2)	55,000	42,713	97,713
William F. Krupke(2)	40,000	34,278	74,278

- (1) Valuation based on the dollar amount of option grants recognized for financial statement reporting purposes pursuant to Statement of Financial Accounting Standards No. 123(R), “*Share-Based Payment*” (“SFAS 123(R)”), with respect to 2008. The assumptions that we used with respect to the valuation of option grants are set forth in Note 2 to our Consolidated Financial Statements in our Annual Report on Form 10-K filed with the SEC on March 12, 2009. Each director was granted options to purchase 6,667 shares on June 10, 2008 at an exercise price of \$20.32 per share that vest over four years. The grant date fair value of each such option award issued in 2008 is \$45,358.
- (2) As of December 31, 2008, Mr. Blair owned options to purchase 35,001 shares, 15,000 of which were vested; Mr. Child owned options to purchase 106,669 shares, of which 86,668 were vested; Mr. Dalton owned options to purchase 40,001 shares, of which 20,000 were vested; Mr. Gauthier owned options to purchase 23,334 shares, of which 1,666 were vested; Mr. Hurley owned options to purchase 33,334 shares, 11,666 of which were vested; and Dr. Krupke owned options to purchase 23,335 shares, of which 3,333 were vested.
- (3) Mr. Child waived his cash compensation for 2008 and prior years.

Director Compensation Plan

Our non-employee director compensation plan provides for both cash and equity compensation for our non-employee directors. The principal features of the non-employee director compensation plan are described below. The Board determines director compensation based upon the review and recommendation of the Compensation Committee. The Board adopted the non-employee director compensation plan described below in June 2006 after consideration of an independent director compensation survey and consideration of independent director compensation at several publicly held companies in our industry or non-industry companies comparable in size to the Company. In 2006, management gathered director compensation information for comparable companies and developed preliminary recommendations for consideration by the Compensation Committee and the Board. In 2007, the Compensation Committee engaged Radford Surveys + Consulting, a unit of Aon Consulting (“Radford”), an independent compensation consultant, to provide a comprehensive review of compensation for non-employee directors and to make recommendations from time

to time to the Board with regard to such compensation matters. Based upon the compensation assessment practices relative to our peers, market data provided by Radford and other factors, the Board determined not to change director compensation in 2007 or 2008.

In February 2009, Radford assessed non-employee director compensation practices against peer companies previously approved by the Compensation Committee. The assessment found that the elements of IPG's cash compensation were generally in line with the median, although total cash compensation was below the median, annual award vesting periods were longer than prevailing market practice and the amount of equity grants was below the median on a percentage-of-company basis. Based on these findings, the increasing time demands on non-employee directors' service to the Company due to the growing size and scope of the Company, including intentional expansion, and the fact that there had been no change in non-employee director compensation since 2006, the Compensation Committee recommended, and the Board approved in March 2009, changes to the non-employee director compensation plan as described below.

We also reimburse directors for all reasonable out-of-pocket expenses incurred for attending Board and committee meetings. Non-employee directors do not receive any additional payments or perquisites. Directors who are also our employees receive no additional compensation for their service as directors.

Our Certificate of Incorporation limits the personal liability of our directors for breaches by them of their fiduciary duties. Our Certificate of Incorporation requires us to indemnify our directors to the fullest extent permitted by the Delaware General Corporation Law. We have also entered into indemnification agreements with all of our directors and we have purchased directors' and officers' liability insurance.

Cash Compensation

Our non-employee directors have the right to receive the annual retainers from us set forth in the table below. Directors do not receive separate fees for attending meetings of the Board, committees or stockholders.

	<u>Amount</u>
Board Retainer	\$30,000
Audit Committee Retainers	
Chair	\$20,000
Non-Chair	\$10,000
Compensation Committee Retainers	
Chair	\$15,000
Non-Chair	\$ 7,500
Nominating and Corporate Governance Committee Retainers	
Chair	\$10,000
Non-Chair	\$ 5,000

Effective July 1, 2009, the annual Board retainer will increase to \$35,000.

Equity Compensation

Pursuant to our non-employee director compensation plan that we adopted in 2006, non-employee directors continuing in office after each annual meeting of stockholders receive, effective following the meeting, a grant of stock options to purchase 6,667 shares of our common stock vesting in four equal annual installments. The non-employee director compensation plan was amended in March 2009 to provide that, effective after the 2009 annual meeting of stockholders, each non-employee director continuing in office after each annual meeting of stockholders will receive 1,000 restricted stock units and options to purchase 6,667 shares of our common stock vesting in one installment on the earlier of the anniversary of the date of grant or of the annual meeting of stockholders. Upon initial election to the Board, each new non-employee director receives a grant of stock options to purchase 20,000 shares of our common stock vesting in four equal annual installments. The exercise price of each of these stock options is not less than the fair market value of our common stock on the date of grant. The non-employee director compensation plan provides that, with

respect to options granted after the adoption of the plan, any director who retires after at least eight years of service on the Board will be entitled to full vesting of all options then held by such director. Our non-employee directors stock option plan is described under “Executive Compensation — 2000 Incentive Compensation Plan, 2006 Incentive Compensation Plan and Non-Employee Directors Stock Plan.”

**PROPOSAL 2: RATIFICATION OF APPOINTMENT OF
INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

Deloitte & Touche LLP currently serves as our independent registered public accounting firm and audited our consolidated financial statements for the year ended December 31, 2008. Our Audit Committee has appointed Deloitte & Touche LLP to serve as our independent registered public accounting firm for 2009, and to conduct an integrated audit of our consolidated financial statements for the year ending December 31, 2009 and of our internal control over financial reporting as of December 31, 2009.

Our Audit Committee is responsible for selecting and appointing our independent registered public accounting firm, and this appointment is not required to be ratified by our stockholders. However, our Audit Committee has recommended that the Board of Directors submit this matter to the stockholders as a matter of good corporate practice. If the stockholders fail to ratify the appointment, the Audit Committee will reconsider whether to retain Deloitte & Touche LLP, and may retain that firm or another without re-submitting the matter to our stockholders. Even if the appointment is ratified, the Audit Committee may, in its discretion, direct the appointment of a different independent registered public accounting firm at any time during the year if it determines that such a change would be in the best interests of the Company and our stockholders.

In order to pass, this proposal must receive a majority of the votes cast. We will count abstentions but not broker non-votes when we tabulate votes cast and, as a result, an abstention with respect to this proposal will have the same effect as a vote against the proposal.

We expect that representatives of Deloitte & Touche LLP will attend the meeting, will have an opportunity to make a statement if they desire to do so, and will be available to respond to appropriate questions.

OUR BOARD OF DIRECTORS RECOMMENDS THAT YOU VOTE FOR THE PROPOSAL TO RATIFY THE APPOINTMENT OF DELOITTE & TOUCHE LLP AS OUR INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM FOR 2009.

Fees Paid to Deloitte & Touche LLP

The fees for services provided by Deloitte & Touche LLP, member firm of Deloitte Touche Tohmatsu, and their respective affiliates (collectively, “Deloitte & Touche”), to the Company in the last three fiscal years were as follows:

<u>Fee Category</u>	<u>Fees</u>		
	<u>2008</u>	<u>2007</u>	<u>2006</u>
Audit fees	\$923,363	\$974,354	\$1,033,375
Tax fees	—	—	\$ 20,671
Total Fees	<u>\$923,363</u>	<u>\$974,354</u>	<u>\$1,054,046</u>

Audit fees. These fees comprise fees for professional services rendered in connection with the audit of the Company’s consolidated financial statements that are customary under auditing standards generally accepted in the United States. Audit fees also include fees for consents and reviews related to SEC filings and quarterly services with respect to the preparation of our unaudited quarterly financial statements. During 2006, the audit fees related to various audit services associated with the initial public offering of our common stock in December 2006 (the “IPO”) totaled \$0.8 million.

Tax fees. Fees for tax services consisted of fees for tax compliance services and tax planning and advice services.

Tax compliance services are services rendered based upon facts already in existence or transactions that have already occurred to document, compute and obtain government approval for amounts to be included in tax filings and consisted of (i) federal, state and local income tax return assistance, (ii) sales and use, property and other tax return assistance and (iii) assistance with tax audits and appeals.

Tax planning and advice are services rendered with respect to proposed transactions or that alter a transaction to obtain a particular tax result. Such services consisted of tax advice related to (i) certain internal legal restructuring actions and other intra-group restructuring actions, (ii) transfer pricing and (iii) other miscellaneous consultations.

The Audit Committee has concluded that the provision of the non-audit services listed above is consistent with maintaining the independence of Deloitte & Touche.

Policy on Audit Committee Pre-Approval of Audit and Permissible Non-Audit Services of Independent Registered Public Accounting Firm

The Audit Committee pre-approves all audit and permissible non-audit services provided by the independent registered public accounting firm. These services may include audit services, audit-related services and tax services as well as specifically designated non-audit services that, in the opinion of the Audit Committee, will not impair the independence of the independent registered public accounting firm. Pre-approval is generally provided for each fiscal year, and any pre-approval is detailed as to the particular service or category of services and is generally subject to a specific budget. The independent registered public accounting firm and our management are required to periodically report to the Audit Committee regarding the extent of services provided by the independent registered public accounting firm in accordance with this pre-approval, including the fees for the services performed to date. In addition, the Audit Committee also may pre-approve particular services on a case-by-case basis, as required.

AUDIT COMMITTEE REPORT

The primary role of the Audit Committee is to assist the Board of Directors in fulfilling its oversight responsibilities by reviewing the financial information proposed to be provided to stockholders and others, the adequacy of the system of internal control over financial reporting and disclosure controls and procedures established by management and the Board, and the audit process and the independent auditors' qualifications, independence and performance.

Management has primary responsibility for the financial statements and is responsible for establishing and maintaining the Company's system of internal controls and for preparation of the Company's financial statements. The Company's independent registered public accounting firm, Deloitte & Touche LLP, is responsible for performing an integrated audit of the Company's consolidated financial statements and the effectiveness of internal controls over financial reporting in accordance with standards of the Public Company Accounting Oversight Board (United States) (PCAOB) and issuing an opinion on the financial statements and the effectiveness of internal controls over financial reporting. The Audit Committee has met and held discussions with management and the Company's independent auditors, and has also met separately with the Company's independent auditors, without management present, to review the adequacy of the Company's internal controls, financial reporting practices and audit process.

The Audit Committee has reviewed and discussed the Company's audited consolidated financial statements for the year ended December 31, 2008 with management and the independent auditors. As part of this review, the Audit Committee discussed with Deloitte & Touche LLP the required communications described in Statement on Auditing Standards No. 61, as amended, *Communication with Audit Committees*, and those matters required to be reviewed pursuant to Rule 2-07 of Regulation S-X as well as the results of their audit of the effectiveness of internal controls over financial reporting.

The Audit Committee has received from Deloitte & Touche LLP a written statement describing all relationships between that firm and the Company that might bear on the auditors' independence, consistent with PCAOB Ethics and Independence Rule 3526, *Communications with Audit Committees Concerning*

Independence. The Audit Committee has discussed the written statement with the independent auditors and has considered whether the independent auditors' provision of any other non-audit services to the Company is compatible with maintaining the auditors' independence.

Based on the above-mentioned reviews and discussions with management and the independent auditors, the Audit Committee recommended to the Board of Directors that the Company's audited consolidated financial statements be included in its Annual Report on Form 10-K for the year ended December 31, 2008, as filed with the SEC.

AUDIT COMMITTEE

William S. Hurley, *Chair*
 Michael C. Child
 Henry E. Gauthier

EXECUTIVE OFFICERS

The following table sets forth certain information regarding our executive officers as of March 31, 2009.

<u>Name</u>	<u>Age</u>	<u>Position</u>
Valentin P. Gapontsev, Ph.D.	70	Chief Executive Officer and Chairman of the Board
Eugene Shcherbakov, Ph.D.	61	Managing Director of IPG Laser
Timothy P.V. Mammen.	39	Chief Financial Officer and Vice President
Angelo P. Lopresti	45	General Counsel, Secretary and Vice President
Alexander Ovtchinnikov, Ph.D.	48	Vice President-Components
George H. BuAbbud, Ph.D.	54	Vice President-Telecommunications Products
Denis Gapontsev, Ph.D.	36	Vice President-Research and Development
Igor Samartsev.	46	Acting General Manager of NTO IRE-Polus
William S. Shiner	67	Vice President-Industrial Markets

The biographies of Dr. Valentin P. Gapontsev, Dr. Shcherbakov and Mr. Samartsev are presented on pages 3 and 4. The biographies of our other executive officers are presented below.

Timothy P.V. Mammen has served as our Chief Financial Officer since July 2000 and a Vice President since November 2000. Between May 1999 and July 2000, Mr. Mammen served as the Group Finance Director and General Manager of the United Kingdom operations for IPFD. Mr. Mammen was Finance Director and General Manager of United Partners Plc, a commodities trading firm, from 1995 to 1999 and prior to that he worked in the finance department of E.I. du Pont de Nemours and Company. Mr. Mammen holds an Upper Second B.Sc. Honours degree in International Trade and Development from the London School of Economics and Political Science and is a Chartered Accountant and a member of the Institute of Chartered Accountants of Scotland.

Angelo P. Lopresti has served as our General Counsel and Secretary and one of our Vice Presidents since February 2001. Prior to joining us, Mr. Lopresti was a partner at the law firm of Winston & Strawn from 1999 to 2001. Prior to that, he was a partner at the law firm of Hertzog, Calamari & Gleason from 1998 to 1999 and an associate there from 1991 to 1998. Mr. Lopresti holds a B.A. in Economics from Trinity College and a J.D. from the New York University School of Law.

Alexander Ovtchinnikov, Ph.D., has served as our Vice President, Components, since September 2005 and as Director of Material Sciences from October 2001 to September 2005. Prior to joining us, Dr. Ovtchinnikov was Material Science Manager of Lasertel, Inc., a maker of high-power semiconductor lasers, from 1999 to 2001. For 15 years prior to joining Lasertel, Inc., he worked on the development and commercialization of high power diode pump technology at the Ioffe Institute, Tampere University of Technology, Coherent, Inc.

and Spectra-Physics Corporation. He holds an M.S. in Electrical Engineering from the Electrotechnical University of St. Petersburg, Russia, and a Ph.D. from Ioffe Institute of the Russian Academy of Sciences.

George H. BuAbbud, Ph.D., has served as our Vice President, Telecommunications Products, since July 2002. Prior to joining us, Dr. BuAbbud was Vice President and Chief Technical Officer for the Access Network Systems division of Marconi Communications, Inc., a maker of telecommunications systems, from 1999 to 2002. He holds a B.E. in Electrical Engineering from the American University of Beirut and an M.Sc. and a Ph.D. in Electrical Engineering from the University of Nebraska.

Denis Gapontsev, Ph.D., has served as our Vice President of Research and Development since August 2000. From 2000 until 2005, he was also a member of our Board of Directors. From 1994 to 1996, Dr. Gapontsev worked as a scientist at NTO IRE-Polus. He worked at IPFD from 1996 to 1998 and at IPG Laser from 1999 to 2000, where he researched fiber lasers and raman fiber lasers. Dr. Gapontsev holds a B.S. and an M.S. in Physics from the Moscow Physics and Technology Institute and a Ph.D. from the University of London. He is the son of Dr. Valentin P. Gapontsev.

William S. Shiner has served as our Vice President-Industrial Markets since March 2007 and as Director of Industrial Markets since August 2002. Prior to joining us, Mr. Shiner was Vice President of Sales and Marketing for Coherent Industrial from 1980 to 1995 and Chief Operating Officer for Convergent Prima from 1995 to 2002. Mr. Shiner holds a B.S.E.E. and an M.B.A. from Northeastern University.

COMPENSATION DISCUSSION AND ANALYSIS

Compensation Program Objectives and Philosophy

We believe that our success depends on the continued contributions of our executive officers. We refer to our Chief Executive Officer, Chief Financial Officer and our three other most highly compensated executive officers, as “Named Executive Officers.” Our executive compensation programs are designed with the philosophy of attracting, motivating and retaining experienced and qualified executive officers and recognizing individual merit and overall business results.

In General

The objectives of our compensation programs are to:

- attract and retain talented and experienced executives;
- motivate and reward executives whose knowledge, skills and performance are critical to achieving strategic business objectives;
- align the interests of our executive officers and stockholders by motivating executive officers to increase long-term stockholder value;
- incentivize future performance through both short-term and long-term financial incentives to build a sustainable company and foster the creation of stockholder value; and
- foster a shared commitment among executives through establishment of uniform company goals.

In order to be effective, we believe our executive compensation program should meet the needs of the Company, our employees and our long-term stockholders. Our policies are also intended to support the attainment of our strategic objectives by tying the interests of our executive officers with those of our long-term stockholders through financial and operational performance goals and equity-based compensation.

How We Determine and Assess Executive Compensation

Role of the Compensation Committee. The Compensation Committee of our Board determines, approves and administers the compensation of our executive officers, including our Named Executive Officers. Our Compensation Committee is also responsible for making recommendations to the Board with respect to the

adoption of stock and benefit plans. The Compensation Committee may delegate authority whenever it deems appropriate, but it did not do so in 2008.

Our Compensation Committee's policy is to set executive officer pay in accordance with the objectives of the Company's compensation programs as described above. In our view, the Company's executive compensation program provides an overall level of compensation opportunity that is competitive with other companies in the laser source and photonics industry, as well as with a broader group of technology companies of comparable size and complexity that have similar growth rates and international scope. Actual compensation levels may be greater or less than average compensation levels provided by similar companies based upon annual and long-term Company performance, as well as individual performance, contributions, skills, experience and responsibilities.

The Compensation Committee is comprised of three independent directors: Robert A. Blair, Chair, Michael C. Child and Henry E. Gauthier. Two of the Committee members have experience serving on compensation committees of publicly traded companies and one member was the president and chief executive officer of a publicly traded laser source and photonics company.

Role of Executive Officers in Compensation Decisions. The Compensation Committee regularly meets with Dr. Valentin P. Gapontsev, our Chief Executive Officer, to obtain recommendations with respect to the compensation programs, practices and packages for our Named Executive Officers. Additionally, Mr. Mammen, our Chief Financial Officer, and Mr. Lopresti, our General Counsel, are regularly invited to meetings of the Compensation Committee or otherwise asked to assist the Committee. Such assistance includes providing financial information and analysis for the Compensation Committee and its compensation consultant, taking minutes of the meeting or providing legal advice, developing compensation proposals for consideration, and providing insights regarding our employees (executive and otherwise). The Named Executive Officers attend portions of Compensation Committee meetings when requested, but leave the meetings as appropriate when matters that will potentially affect them personally are discussed. From time to time, outside legal counsel and the compensation consultant attend Compensation Committee meetings. The Compensation Committee makes decisions regarding Dr. Valentin P. Gapontsev's compensation without him present.

Role of Compensation Consultant. The Compensation Committee engaged Radford, an independent compensation consultant, to conduct a comprehensive review and analysis of our executive compensation program and to make recommendations in 2007 and 2008. The compensation consultant provides the Compensation Committee with an independent evaluation of executive compensation, and is available as needed by the Compensation Committee to provide advice and counsel. This review and analysis was requested by the Compensation Committee. Radford serves at the discretion of the Compensation Committee. Neither Radford nor Aon Consulting, Radford's affiliate, does any other work for the Company other than that authorized by the Compensation Committee. The Compensation Committee authorizes the compensation consultant to confer with management for perspective on the impact of compensation recommendations.

Pay Positioning Strategy

We strive to position the midpoint of the Company's target compensation ranges near the 50th percentile of our peer group, resulting in targeted total compensation that is competitive within our labor market for performance that meets the objectives established by the Compensation Committee. An individual's actual salary, non-equity incentive compensation opportunity and equity compensation may fall below or above the target position based on the individual's experience, seniority, skills, knowledge, performance and contributions as well as the Company's performance. These factors are weighed individually by the Compensation Committee in its judgment, and no single factor takes precedence over others nor is any formula used in making these decisions. The Chief Executive Officer's review of the performance of his direct reports is carefully considered by the Compensation Committee in making individual pay decisions.

In analyzing our executive compensation program relative to this target market positioning, the Compensation Committee utilizes a comparative analysis of the compensation of our executive officers measured against a group of industry peer companies selected with the assistance of Radford and management. For 2008, the industry peers were II-VI Incorporated, Avonex Corporation, Cognex Corporation, Coherent, Inc.,

Excel Technology, Inc., EXFO Electro-Optical Engineering Inc., FEI Company, FormFactor, Inc., GSI Group Inc., Hittite Microwave Corporation, Measurement Specialties, Inc., Newport Corporation, Opnext, Inc., Rofin-Sinar Technologies Inc., SiRF Technology Holdings, Inc. and Veeco Instruments Inc.

The Compensation Committee reviews this group annually to ensure that the comparisons are meaningful. Several factors were considered in selecting the peer group for 2008, the most important of which were:

- industry (primarily laser, photonics, semiconductor, optical components and related device companies); and
- revenue and employee levels (primarily companies with between \$128 million and \$516 million in annual revenues, and between 220 and 2,200 employees).

The Compensation Committee believes that companies that meet these criteria are our most likely competitors for executive talent in our labor markets. Radford also supplements its analysis with the data from 245 participants in the Radford High Technology Survey having annual revenue between \$100 million and \$300 million.

Components of Compensation

The principal components of our executive officer compensation during 2008 were:

- base salary;
- short-term cash incentives;
- long-term equity-based incentive awards;
- severance benefits;
- retirement savings benefits provided under a 401(k) plan; and
- executive perquisites and benefit programs generally available to other employees.

These components were selected because the Compensation Committee believes that a combination of salary, incentive pay, severance and retirement benefits and perquisites is necessary to help us attract and retain the executive talent on which our success depends. The annual cash incentives are designed to allow the Compensation Committee to reward performance over a fiscal year and to provide an incentive for executives to appropriately balance their focus on short-term and long-term strategic goals. The fixed components, including salary, severance and retirement benefits and perquisites, are structured to provide a minimum level of security for our executives relative to their day-to-day spending needs and long-term needs for income. The Compensation Committee believes that, when taken together, these components are effective in achieving the objectives of our compensation program and philosophy and are reasonable relative to our strategy of managing total compensation near the 50th percentile of market practices.

The Compensation Committee annually reviews the entire compensation program with the assistance of its compensation consultant and outside legal counsel. However, the Compensation Committee may at any time review one or more components as necessary or appropriate to ensure such components remain competitive and appropriately designed to reward performance. In setting compensation levels for a particular Named Executive Officer, the Committee considers both individual (as described above) and corporate factors.

Base Salary. We provide base salary to our Named Executive Officers and other employees to compensate them for services rendered on a day-to-day basis during the fiscal year. Unlike short-term cash incentives and long-term equity incentives, base salary is not subject to performance risk. The Compensation Committee reviews information provided by its compensation consultant, and considers the experience, skills, knowledge and responsibilities of the executive and the individual's performance assessment provided by the Chief Executive Officer to assist it in evaluating base salary for each Named Executive Officer. With respect to the Chief Executive Officer, the Compensation Committee additionally considers the performance of the Company as a whole.

Based upon the information provided by its compensation consultant, the Compensation Committee, in May 2008 approved 4% merit increases to the base salaries of the Named Executive Officers from the levels set by the Compensation Committee in 2006. The Compensation Committee targets base salary near the market 50th percentile of our peer group. Salaries in 2008 for our Named Executive Officers were aligned on average with the 50th percentile range of the peer group.

Short-Term Cash Incentives. To focus each executive officer on the importance of the performance of IPG, a significant portion of the individual's potential short-term compensation is in the form of annual cash incentive pay that is tied to achievement of goals established by the Compensation Committee.

Our Named Executive Officers participate in our Senior Executive Short-Term Incentive Plan (the "STIP"). The STIP is administered by the Compensation Committee, which has discretion to determine the type of award, whether cash or non-cash, granted under the STIP. The emphasis of the STIP is on company-wide performance goals in order to foster a shared commitment among executives. Generally, award levels for executives are the same percentage of salary, except for the Chief Executive Officer who generally receives awards at a greater percentage of salary than the other officers for achievement of the same performance goals. The Compensation Committee determines who is eligible to receive awards under the STIP, establishes performance goals and objectives for executives, establishes target awards for each participant for the relevant performance period, and determines what percentage of the target award should be allocated to the achievement of each of the chosen performance targets in consultation with the Chief Executive Officer with respect to other executive officers.

In 2008, the Compensation Committee identified two financial performance measures, net sales and earnings before taxes (excluding equity-based compensation expenses and litigation expenses in excess of budgeted amounts), each as determined under the STIP, and assigned a 50% weighting factor to each performance measure. The Compensation Committee chose to focus on revenue growth and pretax profits so that our executive officers would be incentivized to deliver the types of growth that benefit our stockholders, namely increasing sales and profitability.

Upon the achievement of the objectives for each performance measure determined by the Compensation Committee, the Chief Executive Officer could receive a cash incentive payment ranging from 14% to 84% of his base salary, and other participants in the STIP could receive a cash incentive payment ranging from 9% to 56% of their respective base salaries, based upon achievement of the minimum to maximum objectives for both measures. The financial objectives were the same for all executive officers. The range of possible payout amounts for 2008 under the STIP for achievement of financial objectives for each Named Executive Officer is disclosed in the 2008 Grants of Plan-Based Awards table below. Consistent with our pay-for-performance philosophy, no cash incentive payments would be made if the minimum objectives established by the Compensation Committee in 2008 were not met. While objectives were intended to be achievable by the Company, a maximum bonus would require very high levels of Company performance. The Compensation Committee believes that the goals are reasonably difficult to achieve, as demonstrated by the fact that the Company has not achieved the maximum targets in any year since the STIP was adopted in 2005. The Compensation Committee set minimum and maximum targets for net sales of \$224 million and \$254 million, respectively, representing annual growth levels of 19% to 35% from the prior year. The minimum and maximum targets for earnings before taxes were set from \$57 million to \$80 million, representing annual growth levels of 17% to 64% from the prior year. After reviewing the Company's financial performance for 2008, which included net sales of \$229 million and earnings before taxes of \$59 million, the Compensation Committee awarded the Chief Executive Officer a cash incentive payment equal to approximately 28% of his base salary and the other Named Executive Officers cash incentive payments equal to approximately 18% of their respective base salaries.

The Chief Executive Officer and the other Named Executive Officers were also eligible in 2008 under the STIP to receive awards of up to 19% and up to 13% of their respective base salaries, respectively, based upon their individual performance. After reviewing the goals and objectives for the Chief Executive Officer which included additional financial measures, operational and strategic targets, the Compensation Committee approved an individual performance award for the Chief Executive Officer of 19% of his base salary. Based

on the Chief Executive Officer's recommendation and the Compensation Committee's assessment of the individual performance of the other Named Executive Officers, the Compensation Committee approved discretionary individual performance awards for each of the other Named Executive Officers of 13% of their respective base salaries. The awards under the STIP for 2008 are set forth in the "Bonus" and "Non-Equity Incentive Plan Compensation" columns of the Summary Compensation Table below.

The Compensation Committee targets total cash compensation (base salary plus short-term cash incentives) near the 50th percentile of our peer group. In 2008, total cash compensation for the Named Executive Officers was aligned on average with the lower end of the range of the 50th percentile of the peer group.

The Compensation Committee may make adjustments to our overall corporate performance goals and the ways that our actual performance results are calculated that may cause differences between the numbers used for our performance goals and the numbers reported in our financial statements. These adjustments may exclude all or a portion of both the positive or negative effect of external events that are outside the control of our executives, such as natural disasters, litigation or changes in accounting or taxation standards. These adjustments also may exclude all or a portion of both the positive or negative effect of unusual or significant strategic events that are within the control of our executives but that are undertaken with an expectation of improving our long-term financial performance, such as restructurings, acquisitions or divestitures.

Long-Term Equity-Based Incentives. The goal of our equity-based award program is to provide employees and executives with the perspective of an owner with a long-term financial stake in the success of IPG, further increasing alignment with stockholders. Long-term incentive awards also incent employees to stay with us for longer periods of time, which in turn provides us with greater stability and directly links compensation to the long-term performance of the Company. In addition, these awards are less costly to us in the short-term than cash compensation. We review long-term equity incentives for our Named Executive Officers and other executives annually.

For our Named Executive Officers, our stock option program is based on grants that were individually negotiated in connection with their hiring by the Company and subsequent periodic grants. We have traditionally used stock options as equity compensation because stock options provide a relatively straightforward incentive for our executives, result in less immediate dilution of existing stockholders' interests and, prior to our adoption of SFAS 123(R), resulted in less compensation expense for us relative to other types of equity awards. Historically, our Chief Executive Officer has not received annual grants of stock options because, as the Company's largest stockholder, he has the perspective of an owner with a significant financial stake in IPG's success.

No equity compensation was awarded to the Named Executive Officers in 2007. In 2008, the Compensation Committee considered (i) that all of the equity awards outstanding for the Company's executive officers were in-the-money, (ii) that a significant portion of the equity grants of the executives were vested, and (iii) the aggregate equity usage as compared to the peer group. Based upon these considerations, the Company established an annual equity award program positioned at the 50th percentile of our peer group. In May 2008, the Compensation Committee awarded stock options to the Named Executive Officers other than the Chief Executive Officer as detailed in the Outstanding Equity Awards as of December 31, 2008 table below. These equity awards were on average below the 50th percentile range of the peer group.

Stock Option Grant Process. In 2007, the Compensation Committee adopted an equity grant policy as follows:

- only the Compensation Committee has the authority to approve equity grants;
- grants made by the Compensation Committee occur only after discussion at a meeting of the Compensation Committee;
- equity award grants ordinarily are made by the Compensation Committee only during an open trading window period under our insider trading policy;

- the grant date ordinarily is within five business days following the first day of the open trading window period, or such other date as the Compensation Committee determines; and
- the exercise price (if applicable) for all equity awards is the closing price on the date of grant and stock options are granted with an exercise price of no less than the closing market price on the date of grant.

In general, we issue nonqualified stock options to employees and executives, although we have issued incentive stock options and restricted stock units. Options typically have a life of ten years and vest over a four-year period, with the options vesting commencing on the first anniversary of the date of grant.

Severance Benefits. The Compensation Committee believes that severance benefits are an important element of the executive compensation package, assist us in recruiting and retaining talented individuals, and our practices are consistent with peer practices. At the request of the Compensation Committee, Radford examined the termination benefits provided by the employment agreements then in effect with the Named Executive Officers, and compared them to the benefits provided by the peer group. The severance benefits reviewed included termination provisions, change in control provisions, cash severance payments, benefits continuation, acceleration of equity awards, non-competition and non-solicitation restrictions. Based upon this review, in 2008 the Compensation Committee approved new employment agreements for the Named Executive Officers summarized below in the section entitled “Employment Agreements.” The severance provisions of the employment agreements are summarized below in the section entitled “Potential Payments Upon Termination or Change in Control.”

Retirement Savings Plan. Executive officers in the United States are eligible to participate in our 401(k) retirement plan on the same terms as all other U.S. employees. Our 401(k) retirement plan is a tax-qualified plan and thereby subject to certain Internal Revenue Code limitations on the dollar amounts of deferrals and Company contributions that can be made to plan accounts. These limitations apply to our more highly-compensated employees (including the Named Executive Officers). We made matching contributions at a rate of 50% of eligible contributions under the 401(k) retirement plan to our employees, including Named Executive Officers, that participate in the plan as set forth in the Summary Compensation Table. Our executives outside of the United States participate in government-sponsored retirement programs. We do not maintain a supplementary executive retirement plan or a non-qualified deferred compensation plan for executives or for our directors.

Other Compensation. All of our executives are eligible to participate in our employee benefit plans, including medical, dental, life and disability insurance, vacation and employee stock purchase plans. These plans generally are available to all salaried employees and do not discriminate in favor of executive officers. Benefits are intended to be competitive with the overall market in order to facilitate attraction and retention of high-quality employees. Subject to local customs and the international nature of our business and management, it is generally our policy not to extend significant perquisites to our executives that are not generally available to our employees. Dr. Valentin P. Gapontsev uses Company-owned housing located on the site of our Burbach, Germany facilities and is provided with an automobile leased by the Company for Company business when he visits our German operations. Because of the Company’s multiple locations and the Chief Executive Officer’s travel demands, the Company believes that the use of Company-owned housing and a leased automobile are cost-effective and necessary to enable the Chief Executive Officer to perform his duties while he is in Germany on Company business. The Company also provides Dr. Shcherbakov with an automobile, as it does to other high-ranking employees in Germany.

Other Factors Affecting Compensation

Tax Deductibility Under Section 162(m). Section 162(m) of the Internal Revenue Code of 1986, as amended, limits the deductibility for federal income tax purposes of certain compensation paid in any year by a publicly held corporation to its chief executive officer and its three other most highly compensated officers other than its chief financial officer to \$1 million per executive (the “\$1 million cap”). The \$1 million cap does not apply to “performance-based” compensation as defined under Section 162(m) or to compensation “paid pursuant to certain plans that existed prior to a corporation becoming publicly held”. Historically, none of our executive officers has received annual compensation in an amount that would be subject to limitation

under Section 162(m). Once the transition rules under Section 162(m) for newly public companies are no longer available to the Company, it is intended that stock option awards made under the Company's 2006 Incentive Compensation Plan will qualify as "performance-based" compensation for purposes of Section 162(m). We believe we can continue to preserve related federal income tax deductions, although individual exceptions may arise. The Compensation Committee's policy with respect to Section 162(m) is to make a reasonable effort to cause compensation to be deductible by the Company while simultaneously providing our executive officers with appropriate rewards for their performance.

Accounting Considerations. The Company considers the accounting implications of all aspects of its executive compensation program. With the adoption of SFAS 123(R), we do not expect accounting treatment of differing forms of equity awards to vary significantly and, therefore, accounting treatment is not expected to have a material effect on our selection of forms of equity compensation. In addition, accounting treatment is just one of many factors impacting plan design and pay determinations. Our executive compensation program is designed to achieve the most favorable accounting and tax treatment possible as long as doing so does not conflict with intended plan design or program objectives.

Stock Ownership Guidelines

The Board adopted stock ownership guidelines in 2007 to more closely align the interests of our executive officers with those of our long-term stockholders. The guidelines require that the Chief Executive Officer should maintain an investment in our stock that is at least equal to five times his annual salary, and other executive officers should maintain an investment that is at least equal to two times their annual salaries. The ownership levels are phased in over time based upon the date of hire. As of December 31, 2008, the Named Executive Officers were in compliance with the stock ownership guidelines.

COMPENSATION COMMITTEE REPORT

The Compensation Committee of the Board of Directors has reviewed and discussed with management the Compensation Discussion and Analysis included in this proxy statement. Based on this review and discussion, the Committee recommended to the Board of Directors that the Compensation Discussion and Analysis be included in the Company's proxy statement for the Company's 2009 annual meeting of stockholders.

COMPENSATION COMMITTEE

Robert A. Blair, *Chair*
Michael C. Child
Henry E. Gauthier

EXECUTIVE COMPENSATION

Summary Compensation Table

The following table sets forth information regarding compensation earned by our Chief Executive Officer, our Chief Financial Officer and our three other most highly compensated executives:

Name and Principal Position	Year	Salary (\$)	Bonus (\$)(1)	Stock Award \$	Option Award (\$)(2)	Non-Equity Incentive Plan Compensation (\$)(1)	All Other Compensation (\$)(3)	Total (\$)
Valentin P. Gapontsev, Ph.D., Chief Executive Officer and Chairman of the Board(4)	2008	375,000	—	—	—	177,677	66,407	619,083
	2007	360,000	—	—	—	164,524	60,743	585,267
	2006	359,281	—	—	—	266,400	54,084	679,765
Timothy P.V. Mammen, Chief Financial Officer and Vice President	2008	279,814	35,438	—	42,472	52,933	6,049	416,706
	2007	270,000	—	—	39,451	82,086	7,156	398,693
	2006	257,346	—	—	28,302	155,250	7,009	447,907
Eugene Shcherbakov, Ph.D., Managing Director of IPG Laser and Director(4)	2008	357,967	45,171	—	41,608	67,470	27,238	539,454
	2007	322,062	—	—	38,019	95,549	24,960	480,590
	2006	291,432	—	—	26,876	161,027	21,328	500,663
Angelo P. Lopresti, General Counsel, Secretary and Vice President	2008	279,814	35,438	—	41,699	52,923	6,365	416,239
	2007	270,000	—	—	39,451	82,086	6,533	398,070
	2006	268,563	—	—	28,302	155,250	7,017	459,132
Alexander Ovtchinnikov, Ph.D., Vice President — Components	2008	248,723	31,563	—	61,107	46,989	6,364	394,746
	2007	240,000	—	—	57,075	72,965	7,071	377,111
	2006	258,922	—	—	41,738	138,000	6,854	445,514

- (1) Represents amounts earned under our Senior Executive Short-Term Incentive Plan for services rendered in 2008, 2007 and 2006, respectively.
- (2) Valuation based on the dollar amount of option grants recognized for financial statement reporting purposes pursuant to SFAS 123(R). The assumptions that we used with respect to the valuation of option grants are set forth in note 2 to our Consolidated Financial Statements in our Annual Report on Form 10-K filed with the SEC on March 12, 2009.
- (3) The amount in 2008 for Dr. Gapontsev consists of (i) \$6,553 in premiums paid for group term life insurance, (ii) \$3,738 in health care premiums paid in excess of group health coverage in the United States, (iii) \$4,931 in health care premiums paid in Germany and (iv) \$14,941 in actual costs that we incurred to provide Dr. Gapontsev with housing in Germany and \$36,244 in actual costs that we incurred to lease a car for Dr. Gapontsev in Germany, both for his use during his periodic visits to our factory there. Amounts for Messrs. Mammen and Lopresti and Dr. Ovtchinnikov include matching contributions to retirement accounts under our 401(k) plan and our payment of group term life insurance premiums. The amount for Dr. Shcherbakov includes the expense of an automobile provided by us.
- (4) Portions of the amounts paid to Dr. Gapontsev and Dr. Shcherbakov were denominated in Euros and Rubles. These were translated into U.S. Dollars at the average daily exchange rates for 2008, 2007 and 2006, respectively.

Employment Agreements

On May 9, 2008, we entered into new employment agreements with each of executives named in the table above. The employment agreements expire on December 31, 2010 for Dr. Gapontsev, and on December 31, 2009 for the other executive officers, and in the event of a change in control, the agreements would be extended to expire on the second anniversary of such change in control.

The employment agreements set the annual base salaries for the Named Executive Officers at \$380,000 for Dr. Gapontsev, €246,960 for Dr. Shcherbakov, \$283,500 for each of Messrs. Mammen and Lopresti and \$252,000 for Dr. Ovtchinnikov, effective April 1, 2008. The agreements entitle these executive officers to participate in bonus plans, standard insurance plans such as life, short-term disability and long-term disability insurance and retirement benefits, such as the 401(k) plan and equity award plans described above, on similar

terms and on a similar basis as such benefits are available to executives at similar levels within the organization. Each of these executive officers also entered into a new non-competition agreement with the Company that prohibits each of them from competing with the Company for a period of one year after the termination of his employment with the Company for any reason and from hiring or attempting to hire the Company's employees or soliciting customers or suppliers of the Company for a period ending eighteen months following the termination of his employment for any reason. Each of the officers is entitled to receive his base salary for the period during which the Company enforces the non-competition provisions of the agreement but not for more than one year following the termination of his employment. The severance provisions of the agreements are described below under "Potential Payments Upon Termination or Change in Control."

2008 Grants of Plan-Based Awards

The following table sets forth information regarding plan-based awards to our Named Executive Officers in 2008:

Name	Grant Date	Estimated Possible Payouts Under Non-Equity Incentive Plan Awards (\$)(1)			All Other Stock Awards: Number of Shares of Stock or Units(2)	Exercise or Base Price of Option Awards (\$ / Sh)	Grant Date Fair Value of Stock and Option Awards \$(3)
		Threshold	Target	Maximum			
Valentin P. Gapontsev, Ph.D.	4/15/2008	53,438	213,750	320,625	—	—	—
Timothy P.V. Mammen	4/15/2008	26,578	106,313	159,469	—	—	—
	5/9/2008	—	—	—	25,000	19.69	286,500
Eugene Shcherbakov, Ph.D.	4/15/2008	33,878	142,848	203,207	—	—	—
	5/9/2008	—	—	—	22,000	19.69	252,120
Angelo P. Lopresti	4/15/2008	26,578	106,313	159,469	—	—	—
	5/9/2008	—	—	—	20,000	19.69	229,200
Alexander Ovtchinnikov, Ph.D.	4/15/2008	23,625	94,500	147,750	—	—	—
	5/9/2008	—	—	—	22,000	19.69	252,120

- (1) Amounts shown represent potential amounts that were available under the STIP for 2008 for achievement of financial performance measures. Performance measures used in determining STIP payments are discussed in "Compensation Discussion and Analysis" above. Actual amounts paid are shown in the "Non-Equity Incentive Plan Compensation" column in the Summary Compensation Table above.
- (2) The amounts listed reflect stock options granted under our 2006 Incentive Compensation Plan and are described in the Outstanding Equity Awards as of December 31, 2008 table below.
- (3) The value of an option award is based on the fair value of such award as of the grant date determined pursuant to SFAS 123(R). The assumptions that we used with respect to the valuation of option grants are set forth in note 2 to our Consolidated Financial Statements in our Annual Report on Form 10-K filed with the SEC on March 12, 2009. The option exercise price has not been deducted from the amounts indicated above. Regardless of the value placed on a stock option on the grant date, the actual value of the option will depend on the market value of our common stock at such date in the future when the option is exercised. All such options were granted under our 2006 Incentive Compensation Plan.

Outstanding Equity Awards as of December 31, 2008

The following table provides information regarding unexercised stock options held by each of our Named Executive Officers as of December 31, 2008:

Name	Grant Date	Option Awards		Option Exercise Price \$(1)	Option Expiration Date
		Securities Underlying Unexercised Options (#) Exercisable	Securities Underlying Unexercised Options (#) Unexercisable		
Valentin P. Gapontsev, Ph.D.	—	—	—	—	—
Timothy P.V. Mammen	5/1/1999	1	—	\$ 1.50	5/1/2009
	6/14/2002	33,334	—	\$ 1.50	6/14/2012
	9/22/2005	10,000	3,334(2)	\$ 1.88	9/22/2015
	4/18/2006	26,666	40,001(3)	\$ 5.37	4/18/2016
	5/9/2008	—	25,000(4)	\$19.69	5/8/2018
Eugene Shcherbakov, Ph.D.	4/18/2006	26,666	40,001(3)	\$ 5.37	4/18/2016
	5/9/2008	—	22,000(4)	\$19.69	5/8/2016
Angelo P. Lopresti	9/20/2002	12,500	—	\$ 1.50	9/20/2012
	3/18/2003	16,827	—	\$ 1.50	3/18/2013
	6/10/2003	2,885	—	\$ 1.50	6/10/2013
	3/3/2004	16,667	—	\$ 1.50	3/3/2014
	9/22/2005	10,000	3,334(2)	\$ 1.88	9/22/2015
	4/18/2006	26,666	40,001(3)	\$ 5.37	4/18/2016
	5/9/2008	—	20,000(4)	\$19.69	5/8/2018
Alexander Ovtchinnikov, Ph.D.	9/22/2005	3,333	3,334(2)	\$ 1.88	9/22/2015
	4/18/2006	10,000	60,000(3)	\$ 5.37	4/18/2016
	5/9/2008	—	22,000(4)	\$19.69	5/8/2018

- (1) Represents the fair market value of a share of our common stock on the grant date of the option.
- (2) Assuming the continued service of the Named Executive Officer, each option vests and becomes exercisable in four equal annual installments on each of the first four anniversaries of the grant date.
- (3) Assuming the continued service of the Named Executive Officer, each option vests and becomes exercisable in five equal annual installments on each of the first five anniversaries of the grant date.
- (4) Assuming the continued service of the Named Executive Officer, 1/12th of the options vest on May 9, 2012 and 1/12th of the options vest on the ninth day of each of the eleven months following May 9, 2012.

2000 Incentive Compensation Plan, 2006 Incentive Compensation Plan and Non-Employee Directors Stock Plan

In April 2000, our Board of Directors adopted our 2000 Incentive Compensation Plan, or 2000 plan, and in February 2006, our Board of Directors adopted our 2006 Incentive Compensation Plan, or 2006 plan. The 2000 plan and the 2006 plan have been approved by our stockholders. We reserved 5,833,333 shares under the 2000 plan and 4,000,000 shares under the 2006 plan for the issuance of awards under the plans. Other than the number of shares reserved, the plans are substantially identical. Each plan will terminate ten years after its adoption, unless terminated earlier by our Board of Directors.

The 2000 plan and the 2006 plan are administered by the Compensation Committee of our Board of Directors. The Compensation Committee approves awards under the plans, including the exercise price and other terms of each award, subject to the provisions of the plans and has general authority to administer the plans.

Each plan authorizes the grant of options to purchase common stock intended to qualify as incentive stock options, as defined in Section 422 of the Internal Revenue Code, and nonstatutory stock options. The plans also provide for awards of restricted stock, stock units, performance shares, performance units, stock appreciation rights and cash awards. The 2000 plan also provides for awards of unrestricted stock.

Our officers, directors, employees, consultants and advisors are eligible to receive awards under the plans. No participant may receive awards for over 1,333,333 shares of common stock in any calendar year under the 2000 plan, or over 1,666,667 shares of common stock in any calendar year under the 2006 plan.

In June 2006, our Board of Directors adopted our Non-Employee Directors Stock Plan (the non-employee director plan) and in October 2006 the non-employee director plan was approved by our stockholders. Only our non-employee directors are eligible to receive awards under the non-employee director plan. We reserved 166,666 shares for issuance under the non-employee director plan. The maximum number of shares that may be issued or transferred under the plan equals 0.75% of the number of outstanding shares of our Company (on a fully diluted basis) at the end of the plan year preceding the then-current plan year, or on January 1, 2006, whichever is greater, up to a maximum of 166,666 shares. The non-employee director plan will terminate ten years after its adoption, unless terminated earlier by our Board of Directors.

The non-employee director plan is administered by our Compensation Committee. The Compensation Committee approves awards under the plan, including the exercise price and other terms of each award, subject to the provisions of the plan and has general authority to administer the plan. The exercise price must be at least equal to the fair market value of our common stock on the date of grant.

The non-employee director plan authorizes the grant of options to purchase common stock that are not intended to qualify as incentive stock options, as defined in Section 422 of the Code. The plan also provides for awards of stock appreciation rights, stock units, stock awards and cash awards.

Each of the 2000 plan and the 2006 plan provides that, upon a change in control of our company, the Compensation Committee may, in its sole discretion:

- accelerate the time for exercise or payout of all outstanding awards;
- cancel the award after notice to the holder of an outstanding award as long as the holder receives a payment equal to the difference between the fair market value of the award on the date of the change in control and the exercise price per share, if any, of such award; or
- provide that all outstanding awards will be either assumed by the entity that acquires control or substituted for similar awards by such entity.

In addition, in the event that the 2000 plan or 2006 plan is terminated due to a merger or acquisition of our company, the Compensation Committee has the right, but not the obligation, to direct the repurchase of outstanding stock options at a price equal to the fair market value of the shares subject to the repurchased options less the exercise price per share.

The non-employee director plan provides that awards become fully vested and exercisable upon a change in control. The plan defines a “change in control” as the occurrence of any of the following:

- any person becomes a beneficial owner of our securities representing at least 50% of the combined voting power of our then-outstanding securities;
- persons who, at the beginning of any period of two consecutive years, were members of the Board of Directors cease to constitute a majority of the Board of Directors unless the election or nomination for election by the stockholders of each new director during that two-year period is approved by at least two-thirds of the incumbent directors then still in office;
- the occurrence of a merger, sale of all or substantially all of our assets, cash tender or exchange offer, contested election or other business combination under circumstances in which our stockholders immediately prior to such merger or other such transaction do not, after such transaction, own shares

representing at least a majority of our voting power or the surviving or resulting corporation, as the case may be; or

- our stockholders approve a complete liquidation.

Employee Stock Purchase Plan

We maintain an employee stock purchase plan, which is intended to qualify as an “employee stock purchase plan” under Section 423 of the Internal Revenue Code. Each of our U.S. employees who customarily works more than 20 hours per week and more than five months in any calendar year is eligible to participate in this plan. To participate in the plan, an employee may designate prior to the commencement of a six-month offering period the amount of payroll deductions to be made from his or her paycheck for the purchase of shares of our common stock under the plan, which amount may not exceed 10% of his compensation. On each purchase date, shares of our stock are purchased automatically for each participant with the amounts withheld from his or her payroll deductions at a price equal to 85% of the fair market value of the shares on the purchase date. An employee may not participate in an offering period if, immediately after the purchase of shares, the employee would own shares or hold options to purchase shares of our stock possessing 5% or more of the total combined voting power or value of all classes of our stock.

2008 Option Exercises and Stock Vested

The following table provides information regarding stock option exercises by our Named Executive Officers in 2008:

Name	Option Awards	
	Number of Shares Acquired on Exercise (#)	Value Realized on Exercise \$(1)
Valentin P. Gapontsev, Ph.D.	—	—
Timothy P.V. Mammen	77,520	1,003,109
Eugene Shcherbakov, Ph.D.	—	—
Angelo P. Lopresti	16,667	301,673
Alexander Ovtchinnikov, Ph.D.	53,156	766,219

(1) The value realized is based on the difference between the sale price (with respect to non-qualified stock options) or the reported closing sale price on the date of sale (with respect to incentive stock options), and the exercise price.

Pension Benefits

None of our Named Executive Officers participate in or have account balances in qualified or nonqualified defined benefit pension plans sponsored by us. The Compensation Committee may elect to adopt qualified or nonqualified defined benefit pension plans in the future if the Compensation Committee determines that doing so is in our best interests.

Nonqualified Deferred Compensation

None of our Named Executive Officers participate in or have account balances in nonqualified defined contribution plans or other nonqualified deferred compensation plans maintained by us. The Compensation Committee may elect to provide our officers and other employees with nonqualified defined contribution or other nonqualified deferred compensation benefits in the future if the Compensation Committee determines that doing so is in our best interests.

Potential Payments Upon Termination or Change in Control

If the Company terminates the employment of any of the Named Executive Officers without cause (as defined in the respective employment agreements), any of the Named Executive Officers terminates his

employment for good reason (as defined in the respective employment agreements), or the employment period of any of the Named Executive Officers terminates and the Company does not offer such officer continued employment in the same or a substantially similar position and at a compensation level that is the same or substantially similar to the compensation level in effect at the end of the employment period, then the officer would receive:

- (a) continuation of salary for one year, except in the case of Dr. Gapontsev, who would receive continuation of salary for two years;
- (b) a portion of the annual bonus that the executive would have received had he remained employed through the end of the applicable bonus period (such portion based upon the percentage of the year that he was employed by the Company);
- (c) continuation of medical and dental benefits for twelve months;
- (d) accelerated vesting of equity compensation awards granted after the date of the agreement that otherwise would have vested within twelve months of termination of employment; and
- (e) full accelerated vesting of equity compensation awards granted after the date of the agreement if such termination occurs within 24 months following a change in control (as defined in the 2006 Incentive Compensation Plan).

An officer would also receive the payments described in (b) above if his employment is terminated by death or disability.

Under the employment agreements, the Company is not obligated to make any cash payments if employment is terminated by the Company for cause or by the executive not for good reason. Payments to the officers are conditioned upon the execution of a form release of claims by the Named Executive Officer in favor of the Company.

A change in control of the Company does not affect the amount of any cash severance payments payable under the employment agreements. Upon a change in control, the officers' employment periods under the agreements would automatically be extended to the second anniversary of the change in control.

The stock options and restricted stock units awarded to the Named Executive Officers do not provide for automatic accelerated vesting if the Company terminates employment without cause, if the employee terminates employment for good reason or upon a change in control. Each of the 2000 Incentive Compensation Plan and the 2006 Incentive Compensation Plan provides that, upon a change in control of the Company, the Compensation Committee, in its sole discretion, may (i) accelerate the time for exercise or payout of all outstanding awards, (ii) pay the holder equal to the difference between the fair market value of the award on the date of the change in control and the exercise price per share, if any, of such award or (iii) provide that all outstanding awards will either be assumed by the entity that acquires control or substituted for similar awards by such entity. See "2000 Incentive Compensation Plan, 2006 Incentive Compensation Plan and Non-Employee Directors Stock Plan" above.

The following table provides information regarding benefits to our Named Executive Officers as of December 31, 2008 upon a termination of employment or change in control:

<u>Name</u>	<u>Benefit</u>	<u>Termination Without Cause or for Good Reason (\$)</u>	<u>Change in Control \$(1)</u>
Valentin P. Gapontsev, Ph.D.	Salary	760,000	—
	Option acceleration	—	—
Timothy P.V. Mammen	Salary	283,500	—
	Option acceleration	—	350,082
Eugene Shcherbakov, Ph.D.	Salary	361,364	—
	Option acceleration	—	312,408
Angelo P. Lopresti	Salary	283,500	—
	Option acceleration	—	350,082
Alexander Ovtchinnikov, Ph.D.	Salary	252,000	—
	Option acceleration	—	506,274

(1) Change in control value is calculated using the aggregate difference between the exercise prices of stock options and the closing sale price of our common stock on December 31, 2008 if the Compensation Committee determines to accelerate the vesting of stock options outstanding at December 31, 2008 upon a change in control.

INFORMATION ABOUT COMMON STOCK OWNERSHIP

The following table provides information about the beneficial ownership of our common stock as of April 1, 2009 by:

- each person or entity known by us to own beneficially more than five percent of our common stock;
- each of the Named Executive Officers;
- each of our directors; and
- all of our executive officers and directors as a group.

In accordance with SEC rules, beneficial ownership includes any shares for which a person or entity has sole or shared voting power or investment power and any shares for which the person or entity has the right to acquire beneficial ownership within 60 days after April 1, 2009 through the exercise of any option, warrant or otherwise. Except as noted below, we believe that the persons named in the table have sole voting and investment power with respect to the shares of common stock set forth opposite their names. Percentage of beneficial ownership is based on 45,349,550 shares of common stock outstanding as of April 1, 2009. All shares included in the “Right to Acquire” column represent shares subject to outstanding stock options that are exercisable within 60 days after April 1, 2009. The address of our executive officers and directors and IPG Fibre Devices (UK) Ltd. is in care of IPG Photonics Corporation, 50 Old Webster Road, Oxford, Massachusetts 01540.

5% Stockholders, Directors and Executive Officers	Shares Beneficially Owned			
	Outstanding	Right to Acquire	Total	Percent
Valentin P. Gapontsev, Ph.D.(1)	19,976,601	—	19,976,601	44.1%
IP Fibre Devices (UK) Ltd.(2)	8,004,002	—	8,004,002	17.7%
Columbia Asset Management, LLC(3)	4,867,800	—	4,867,800	10.7%
Royce & Associates LLC(4)	2,464,899	—	2,464,899	5.4%
Newland Capital Management, LLC(5)	2,918,024	—	2,918,024	6.4%
Robert A. Blair	130,278	15,000	145,278	*
John H. Dalton	122,624	20,000	142,624	*
Igor Samartsev(6)	378,789	42,297	421,086	*
Eugene Shcherbakov, Ph.D.(7)	39,994	40,000	79,994	*
Timothy P.V. Mammen	183,950	83,334	267,284	*
Angelo P. Lopresti	118,039	98,879	216,918	*
William F. Krupke, Ph.D.	61,200	3,333	64,533	*
Michael C. Child	4,912	86,668	91,580	*
Alexander Ovtchinnikov, Ph.D.	112,956	33,333	146,289	*
Henry E. Gauthier	10,000	6,666	16,666	*
William S. Hurley	8,000	16,666	24,666	*
All executive officers and directors as a group (15 persons)	22,277,558	583,301	22,860,058	49.8

* Less than 1.0%

- (1) Includes shares beneficially owned by IP Fibre Devices (UK) Ltd. (“IPFD”), of which Dr. Valentin Gapontsev is the managing director. Dr. Valentin P. Gapontsev has voting and investment power with respect to the shares held of record by IPFD. Dr. Valentin P. Gapontsev has a 53% economic interest in IPFD. Dr. Valentin Gapontsev disclaims beneficial ownership of shares owned by his son, Dr. Denis Gapontsev, Vice President — Research and Development.
- (2) All of these shares are pledged to secure a loan.
- (3) The address of Columbia Asset Management, LLC is 227 West Monroe Street, Suite 3000, Chicago, IL 60606.
- (4) The address of Royce & Associates, LLC is 1414 Avenue of the Americas, New York, NY 10019.
- (5) The address of Newland Capital Management, LLC is 350 Madison Avenue, 11th Floor, New York, NY 10017.
- (6) Does not include shares held by IPFD. Mr. Samartsev has an 8% economic interest in IPFD but does not possess voting or investment power with respect to such interest.
- (7) Does not include shares held by IPFD. Dr. Shcherbakov has an 8% economic interest in IPFD but does not possess voting or investment power with respect to such interest.

CERTAIN RELATIONSHIPS AND RELATED PARTY TRANSACTIONS

Transactions with IP Fibre Devices

We sublease office space in London, England from IPFD and reimburse IPFD for related general and administrative expenses. We paid IPFD \$186,000 in 2008 relating to the sublease and reimbursement of related expenses. Dr. Valentin P. Gapontsev, our Chief Executive Officer, Dr. Denis Gapontsev, our Vice President, Research and Development, Dr. Eugene Shcherbakov, a member of our Board of Directors and Managing Director of IPG Laser, and Igor Samartsev, a member of our Board of Directors and Acting General Manager of NTO IRE-Polus, own 53%, 15%, 8% and 8%, respectively, of IPFD, which owns 8,004,002 shares of our common stock, which represents approximately 18% of our outstanding common stock. IPFD is a limited company organized under the laws of the United Kingdom. Its primary purpose is to hold financial and other assets and it does not engage in any business that is competitive to ours.

Transactions with NTO IRE-Polus

In March 2009, we purchased the 26.7% and 4.9% ownership interests of NTO IRE-Polus, our Russian subsidiary, held by Dr. Valentin P. Gapontsev and Igor Samartsev, respectively. We own now 99.9% of NTO IRE-Polus. The purchase prices for the minority interests of Dr. Gapontsev and Mr. Samartsev were \$5,169,300 and \$948,673, respectively. The purchase price was determined based on the net asset value of NTO IRE-Polus at June 30, 2008. Pursuant to the Agreement and Plan of Reorganization dated August 5, 2008 among us, IPG Laser GmbH, Dr. Gapontsev and Mr. Samartsev, we issued to Dr. Gapontsev and Mr. Samartsev 247,690 and 45,456 shares of our common stock, respectively, in payment of the purchase price.

In the ordinary course of business, we sell components to NTO IRE-Polus. NTO IRE-Polus also sells us components, tools and equipment that we use in our production and testing. Sales by us to NTO IRE-Polus were approximately \$16.8 million in 2008, and sales by NTO IRE-Polus to us were approximately \$21.9 million in 2008.

In 2007, we guaranteed a Euro 3.0 million line of credit to NTO IRE-Polus from Deutsche Bank AG. We also guarantee the lines of credit to our other subsidiaries. Dr. Valentin P. Gapontsev and Mr. Samartsev agreed to reimburse the Company a pro rata portion of amounts paid by the Company under the guarantee based upon their proportionate ownership interests in NTO IRE-Polus. These reimbursement guarantees were released in March 2009 following our purchase of the minority ownership interests in NTO IRE-Polus from them. In November 2008, we agreed to provide up to \$6.5 million in financing to NTO IRE-Polus under a promissory note that matures in November 2009. The proceeds from the note, which bears interest at an annual rate of 5.5%, were used to repay another loan bearing higher interest and for capital expenditures and general working capital.

Compensation of Dr. Denis Gapontsev

Dr. Denis Gapontsev has served as our Vice President, Research and Development since August 2000. Dr. Denis Gapontsev is the son of Dr. Valentin P. Gapontsev, our Chief Executive Officer. The Compensation Committee approves compensation of all executive officers, including that of Dr. Denis Gapontsev. The Nominating and Corporate Governance Committee also has reviewed and approved Dr. Denis Gapontsev's compensation. Compensation earned in 2008 by Dr. Denis Gapontsev included \$206,700 in salary, \$58,913 in non-equity incentive plan compensation and \$402 in other compensation. In 2008, he was also granted options to purchase 16,000 shares of our common stock, with an exercise price of \$19.69 per share, vesting in twelve monthly installments commencing in May 2012.

Reliant Technologies

Until December 2008, Mr. Gauthier was a non-employee member of the Board of Directors of Reliant Technologies, Inc., which was merged into Thermoage Inc. (now called Solta Medical, Inc.), one of our customers. Our total sales in 2008 to such customer were \$2.4 million.

Transactions with Verghese Mammen

Mr. Verghese Mammen provides consulting services to us, including assistance in managing our operations in India, and acts as a sales representative for us in India. Verghese Mammen is the father of Timothy P.V. Mammen, our Chief Financial Officer. Consulting fees, commissions and health insurance reimbursement amounts paid to Verghese Mammen totaled \$295,000 in 2008. Verghese Mammen also serves as a director of our Indian subsidiary, for which he receives no additional compensation.

Series B Preferred Stockholders

In 2000, we sold 3,800,000 shares of our series B preferred stock and warrants to purchase common stock to a group of investors for a total purchase price of \$95.0 million. Of these investors, TA IX L.P., TA/Atlantic and Pacific IV L.P., TA/Advent VIII L.P., TA Executives Fund LLC and TA Investors LLC (collectively, the “TA Associates Funds”) purchased an aggregate of 2,000,000 shares of our series B preferred stock and related warrants for a total purchase price of \$50.0 million. Michael C. Child, one of our directors, is a managing director of TA Associates, Inc, an affiliate of the TA Associates Funds. Upon completion of our IPO in December 2006, all shares of series B preferred stock, including the 2,000,000 shares of series B preferred stock held by the TA Associates Funds, converted into 7,252,927 shares of our common stock and, pursuant to the terms of the series B preferred stock, as amended, we issued to the holders of the series B preferred stock subordinated notes in the principal amount of \$20.0 million. The TA Associates Funds were issued an aggregate principal amount of \$10.5 million of such notes. The interest on the subordinated notes was 4.97% for the first year that the notes are outstanding and 7% in the second year. In June 2008, we repaid all of the outstanding principal and interest on the subordinated notes. Prior to repayment of the subordinated notes, the holders of the subordinated notes, including the TA Associates Funds, agreed to reduce the principal amount of the subordinated notes by 2.5% to \$19.5 million if they were repaid prior to June 30, 2008. In June 2008, we repaid to the TA Associates Funds \$10.3 million in principal for the subordinated notes. Interest earned in 2008 on the subordinated notes owned by the TA Associates Funds was \$320,000.

Policies and Procedures with Respect to Related Party Transactions

The Board adopted a related party transaction policy that requires the Company’s executive officers, directors and nominees for director to promptly notify the Corporate Secretary in writing of any transaction in which (i) the amount exceeds \$100,000, (ii) the Company is, was or is proposed to be a participant and (iii) such person or such person’s immediate family members (“Related Persons”) has, had or may have a direct or indirect material interest (a “Related Person Transaction”). Subject to certain exceptions in the policy, Related Person Transactions must be brought to the attention of the Nominating and Corporate Governance Committee for an assessment of whether the transaction or proposed transaction should be permitted to proceed. In deciding whether to approve or ratify the Related Person Transaction, the Nominating and Corporate Governance Committee is required to consider all relevant facts and circumstances, including without limitation the materiality of the Related Person’s direct or indirect interest in the Related Person Transaction, the materiality of the Related Person Transaction to the Company, the impact of the Related Person Transaction on the Related Person, the impact of the Related Person Transaction on the Related Person’s independence (as determined by the Governance Guidelines and the listing standards of the Nasdaq Global Market) and the actual or apparent conflict of interest of the Related Person participating in the Related Person Transaction. If the Nominating and Corporate Governance Committee determines that the Related Person has a direct or indirect material interest in any such transaction, the Committee must review and approve, ratify or disapprove the Related Person Transaction.

Pursuant to our Governance Guidelines, we expect each of our directors to ensure that other existing and future commitments do not conflict with or materially interfere with his or her service as a director. Directors are expected to avoid any action, position or interest that conflicts with our interests or gives the appearance of a conflict. In addition, directors should inform the chairman of our Nominating and Corporate Governance Committee prior to joining the Board of another public company to ensure that any potential conflicts, excessive time demands or other issues are carefully considered.

OTHER INFORMATION

Section 16(a) Beneficial Ownership Reporting Compliance

Section 16(a) of the Securities Exchange Act of 1934 requires our directors and executive officers, and persons who beneficially own more than 10% of a registered class of our equity securities, to file reports of ownership of, and transactions in, our securities with the SEC. These directors, executive officers and 10% stockholders are also required to furnish us with copies of all Section 16(a) forms that they file. Based solely on a review of the copies of such forms received by us, and on written representations from certain reporting persons, we believe that during 2008 our directors, executive officers and 10% stockholders complied with all applicable Section 16(a) filing requirements, except Mr. Gauthier and Mr. Shiner were late in filing Forms 4 relating to the exercise of a stock option on August 4, 2008, and the grant of restricted stock units granted on November 10, 2008, respectively. The Forms 4 were filed on August 7, 2008 and December 16, 2008, respectively.

No Incorporation by Reference

In our filings with the SEC, information is sometimes “incorporated by reference.” This means that we are referring you to information that has previously been filed with the SEC and the information should be considered as part of the particular filing. As provided under SEC regulations, the “Audit Committee Report” and the “Compensation Committee Report” contained in this Proxy Statement specifically are not incorporated by reference into any of our other filings with the SEC. In addition, this Proxy Statement includes several website addresses. These website addresses are intended to provide inactive, textual references only. The information on these websites is not part of this Proxy Statement.

2010 Annual Meeting and Nominations

Stockholders may present proposals for action at a future meeting and nominations for director if they comply with applicable SEC rules and our bylaws. If you would like us to consider including a proposal in our proxy statement or nominating a director next year, it must be received by our Secretary, at IPG Photonics Corporation, 50 Old Webster Road, Oxford, Massachusetts 01540, on or before December 16, 2009. If you would like to present a proposal at the 2010 annual meeting, but not to have such proposal included in our proxy statement relating to that meeting, such proposal must be received by our Secretary not earlier than February 9, 2010 and not later than March 11, 2010. Our bylaws contain additional specific requirements regarding a stockholder’s ability to nominate a director or to submit a proposal for consideration at an upcoming meeting. Our bylaws require that the notice to the Company include (i) information relating to the name, age and experience of the nominee and such other information concerning such nominee as would be required under the then-current rules of the SEC to be included in a proxy statement soliciting proxies for the election of the nominee, (ii) the nominee’s written consent to being named in the proxy statement and serving as a director, if elected and (iii) the name and address of the record holder and beneficial holder of the shares, the number of shares held of record or beneficially owned, and representations as described in our bylaws. If the Nominating and Corporate Governance Committee or the Board determines that any nomination made by a stockholder was not made in accordance with the Company’s procedures, the rules and regulations of the SEC or other applicable laws or regulations, such nomination will be void. If you would like a copy of the requirements contained in our bylaws, please contact our Secretary.

