

ULTRA CLEAN HOLDINGS INC

Form 10-K

March 12, 2008

**Table of Contents**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

**Form 10-K**

(Mark One)

- ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**  
**For the fiscal year ended December 28, 2007**
- OR**
- TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**  
**For the transition period from        to**

**Commission file number 000-50646**

**Ultra Clean Holdings, Inc.**

*(Exact name of Registrant as specified in its charter)*

**Delaware**

*(State or other jurisdiction of incorporation or organization)*

**150 Independence Drive  
Menlo Park, California**

*(Address of principal executive offices)*

**61-1430858**

*(IRS Employer Identification No.)*

**94025-1136**  
*(Zip Code)*

**Registrant's telephone number, including area code:**

**(650) 323-4100**

**Securities registered pursuant to Section 12(b) of the Act:**

**Title of Each Class**

**Name of Each Exchange on Which Registered**

Common Stock, \$0.001 par value

The NASDAQ Global Market LLC

**Securities registered pursuant to Section 12(g) of the Act:**

**None**

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act.  
Yes  No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes  No

Edgar Filing: ULTRA CLEAN HOLDINGS INC - Form 10-K

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes  No

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of large accelerated filer, accelerated filer and smaller reporting company in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer       Accelerated filer       Non-accelerated filer       Smaller reporting company

(Do not check if a smaller reporting company)

Indicate by check mark whether the registrant is a shell company (as defined by Rule 12b-2 of the Act). Yes  No

The aggregate market value of the voting and non-voting stock held by non-affiliates of the Registrant, based on the closing sale price of the Registrant's common stock on June 29, 2007, as reported on the NASDAQ Global Market, was approximately \$265.7 million. Shares of common stock held by each executive officer and director and by each person who may be deemed to be an affiliate of the Registrant have been excluded from this computation. The determination of affiliate status for this purpose is not necessarily a conclusive determination for other purposes.

Number of shares of the registrant's common stock outstanding as of February 28, 2008: 21,578,406

---

Portions of the registrant's definitive proxy statement to be delivered to stockholders in connection with the 2008 annual meeting of stockholders are incorporated by reference in Part III of this Form 10-K.

<b><u>PART I</u></b>		3
<u>Item 1</u>	<u>Business</u>	3
<u>Item 1A</u>	<u>Risk Factors</u>	9
<u>Item 1B</u>	<u>Unresolved Staff Comments</u>	20
<u>Item 2</u>	<u>Properties</u>	20
<u>Item 3</u>	<u>Legal Proceedings</u>	21
<u>Item 4</u>	<u>Submission of Matters to a Vote of Security Holders</u>	21
<b><u>PART II</u></b>		22
<u>Item 5</u>	<u>Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities</u>	22
<u>Item 6</u>	<u>Selected Consolidated Financial Data</u>	23
<u>Item 7</u>	<u>Management's Discussion and Analysis of Financial Condition and Results of Operations</u>	24
<u>Item 7A</u>	<u>Quantitative and Qualitative Disclosures About Market Risk</u>	34
<u>Item 8</u>	<u>Financial Statements and Supplementary Data</u>	35
<u>Item 9</u>	<u>Changes in and Disagreements With Accountants on Accounting and Financial Disclosure</u>	57
<u>Item 9A</u>	<u>Controls and Procedures</u>	57
<u>Item 9B</u>	<u>Other Information</u>	60
<b><u>PART III</u></b>		60
<u>Item 10</u>	<u>Directors and Executive Officers of the Registrant</u>	60
<u>Item 11</u>	<u>Executive Compensation</u>	60
<u>Item 12</u>	<u>Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters</u>	60
<u>Item 13</u>	<u>Certain Relationships and Related Transactions</u>	61
<u>Item 14</u>	<u>Principal Accountant Fees and Services</u>	61
<b><u>PART IV</u></b>		62
<u>Item 15</u>	<u>Exhibits, Financial Statement Schedules</u>	62
	<u>EXHIBIT 10.17</u>	
	<u>EXHIBIT 10.18</u>	
	<u>EXHIBIT 21.1</u>	
	<u>EXHIBIT 23.1</u>	
	<u>EXHIBIT 31.1</u>	
	<u>EXHIBIT 31.2</u>	
	<u>EXHIBIT 32.1</u>	
	<u>EXHIBIT 32.2</u>	

**Table of Contents**

**PART I**

*This Annual Report on Form 10-K contains forward-looking statements regarding future events and our future results. These statements are based on current expectations, estimates, forecasts, and projections about the industries in which we operate and the beliefs and assumptions of our management. Words such as expects, anticipates, targets, goals, projects, intends, plans, believes, seeks, estimates, continues, may, variations of such words, and expressions are intended to identify such forward-looking statements. These forward-looking statements include, but are not limited to, statements concerning the following: projections of our financial performance, our anticipated growth and trends in our business, levels of capital expenditures, the adequacy of our capital resources to fund operations and growth, our ability to compete effectively with our competitors, our strategies and ability to protect our intellectual property, future acquisitions, customer demand, our manufacturing and procurement process, employee matters, supplier relations, foreign operations (including our operations in China), the legal and regulatory backdrop (including environmental regulation), our exposure to market risks and other characterizations of future events or circumstances described in this Annual Report. Readers are cautioned that these forward-looking statements are only predictions and are subject to risks, uncertainties, and assumptions that are difficult to predict, including those identified below, under Risk Factors, and elsewhere herein. Therefore, actual results may differ materially and adversely from those expressed in any forward-looking statements. We undertake no obligation to revise or update any forward-looking statements for any reason.*

**Item 1. Business**

**Overview**

We are a leading developer and supplier of critical subsystems, primarily for the semiconductor capital equipment industry. We also leverage the specialized skill sets required to support semiconductor capital equipment to serve the technologically similar markets in the flat panel, solar and medical device industries, collectively referred to as Other Addressed Industries . We develop, design, prototype, engineer, manufacture and test subsystems which are highly specialized and tailored to specific steps in the semiconductor manufacturing process as well as in Other Addressed Industries. Our revenue is derived from the sale of gas delivery systems and other critical subsystems including chemical mechanical planarization (CMP) subsystems, chemical delivery modules, top-plate assemblies, frame assemblies, process modules and other high level assemblies.

Our customers are primarily original equipment manufacturers (OEMs) in the industries we support. We provide our customers complete subsystem solutions that combine our expertise in design, test, component characterization and highly flexible manufacturing operations with quality control and financial stability. This combination helps us to drive down total manufacturing costs, reduce design-to-delivery cycle times and maintain high quality standards for our customers. We believe these characteristics, as well as our standing as a leading supplier of gas delivery systems and other critical subsystems, place us in a strong position to benefit from the growing demand for subsystem outsourcing.

We had sales of \$403.8 million, \$337.2 million, and \$147.5 million for the 2007, 2006 and 2005 fiscal years, respectively. Our three largest customers in 2007 were Applied Materials, Inc., Lam Research Corporation and Novellus Systems, Inc. To date, we have shipped substantially all of our products to customers in the United States. Our international sales represented 2.2%, 4.9%, and 5.5% of sales for the years ended December 28, 2007, December 29, 2006 and December 30, 2005, respectively. We conduct our operating activities primarily through our four wholly owned subsidiaries, Ultra Clean Technology Systems and Service, Inc., UCT-Sieger Engineering LLC, Ultra Clean Technology (Shanghai) Co., Ltd and Ultra Clean Micro-Electronics Equipment (Shanghai) Co., Ltd.

Ultra Clean Holdings, Inc. was founded in November 2002 for the purpose of acquiring Ultra Clean Technology Systems and Service Inc. Ultra Clean Technology Systems and Service, Inc. was founded in 1991 by Mitsubishi Corporation and was operated as a subsidiary of Mitsubishi until November 2002, when it was acquired by Ultra Clean Holdings, Inc. Ultra Clean Holdings, Inc. became a publicly traded company in March 2004. In June 2006, we completed the acquisition of Sieger. The total purchase price was approximately \$53.5 million and was comprised of cash consideration of \$32.4 million, including acquisition costs of \$1.4 million, and stock consideration of \$21.1 million. Our subsidiary, UCT-Sieger, is a supplier of CMP modules and other critical subsystems to the semiconductor, solar and flat panel and medical device industries. We believe that the

## **Table of Contents**

acquisition enhanced our strategic position as a subsystem supplier. Ultra Clean Technology (Shanghai) Co., Ltd and Ultra Clean Micro-Electronics Equipment (Shanghai) Co., Ltd. were established in 2005 and 2007, respectively, to facilitate our operations in China.

## **Our Solution**

We are a leading developer and supplier of critical subsystems for the semiconductor capital equipment industry and Other Addressed Markets. Our products enable our OEM customers to realize lower manufacturing costs and reduced design-to-delivery cycle times while maintaining quality standards. We offer our customers:

*An integrated outsourced solution for gas delivery systems and other critical subsystems.* We provide our OEM customers a complete outsourced solution for the development, design, prototyping, engineering, manufacturing and testing of advanced gas delivery systems and other critical subsystems. We combine highly specialized engineering and manufacturing capabilities to produce high performance products that are customized to meet the needs of our customers, as well as their respective end users. We manage supply chain logistics in an effort to reduce the overall number of suppliers and inventory levels that our customers would otherwise be required to manage. We also believe we are often in a position to negotiate reduced component prices due to our large volume orders.

*Improved design-to-delivery cycle times.* Our strong relationships with our customers and intimate familiarity with their products and requirements help us reduce design-to-delivery cycle times for gas delivery systems or other critical subsystems. We have optimized our supply chain management, design and manufacturing coordination and controls to respond rapidly to order requests, enabling us to decrease design-to-delivery cycle times for our customers.

*Component neutral design and manufacturing.* We do not manufacture any of the components within our gas delivery systems and other critical subsystems ourselves. Our component neutral position enables us to recommend components on the basis of technology, performance and cost and to optimize our customers' overall designs based on these criteria. Furthermore, our neutral approach allows us to maintain close relationships with a wide range of component suppliers.

*Component testing capabilities.* We utilize our engineering expertise to test and characterize key components and subsystems. We have made significant investments in advanced analytical and automated test equipment to test and qualify key components. We can perform diagnostic tests, design verification and failure analysis for customers and suppliers. Our analytical and testing capabilities enable us to evaluate multiple supplier component technologies and provide customers with a wide range of appropriate component and design choices for their subsystems.

*Increased integration with OEMs through local presence.* Our local presence in close proximity to the facilities of most of our OEM customers enables us to remain closely integrated with their design, development and implementation teams. This level of integration enables us to respond quickly and efficiently to customer changes and requests.

*Precision machining capabilities.* We manufacture high quality, precision machined parts using state of the art equipment capable of efficiently providing complex parts with exacting tolerance. Our diverse precision fabrication equipment enables us to manufacture a broad range of machined parts using a broad range of materials, from exotic metals to basic plastics. Our manufacturing capabilities include horizontal and vertical milling, turning and welding.

## **Our Strategy**

Our objective is to maintain our position as a leading developer and supplier of gas delivery systems and become a leading developer and supplier of other critical subsystems, primarily for the semiconductor capital equipment, flat

panel, solar and medical device industries. Our strategy is comprised of the following key elements:

*Continue to expand our market share with Semiconductor Capital Equipment OEMs.* We believe that the increase in outsourcing among OEMs creates a significant market opportunity for us to grow our business with existing and new customers. While gas delivery systems are already largely outsourced, we believe our customers



## **Table of Contents**

will continue to outsource other critical subsystems at a rapid pace and that we are well positioned to capture a significant portion of these new outsourcing opportunities. We believe that our continued focus on efficient manufacturing, reduced design-to-delivery cycle times and quality and reliability will also allow us to gain market share.

*Continue to expand our market share in Other Addressed Markets:* We believe we can leverage the attributes and skill sets which allow us to succeed in the Semiconductor Capital Equipment industry to increase our market share in technologically similar markets including flat panel, solar and medical device industries.

*Leverage our expanding geographic presence in lower cost manufacturing regions.* In March 2005, we completed construction of a manufacturing facility in Shanghai, China, allowing us to expand production in a low cost region. In November 2007, we completed construction of a second manufacturing facility in Shanghai, China to house our precision machined parts and subsystem assembly operations. These facilities put us in close proximity to the manufacturing facilities of potential customers and their end users.

*Drive profitable growth with our flexible cost structure.* We implement cost containment and capacity enhancement initiatives throughout the semiconductor capital equipment demand cycle and benefit greatly from our supply chain efficiencies. In addition, we believe our Shanghai facilities position us to respond effectively to future business demands.

*Continue to selectively pursue strategic acquisitions.* On June 29, 2006, with the Sieger acquisition, we:

Increased our presence in the subsystem market, adding CMP to our addressable market;

Expanded existing key customer relationships and added strategic new customers;

Increased our size and scope;

Increased the operating leverage derived from our existing presence in China; and,

Increased our earnings per share.

We may choose to further accelerate the growth of our business by selectively pursuing additional strategic acquisitions. We will continue to consider acquisitions that will enable us to expand our geographic presence, secure new customers and diversify into complementary products and markets as well as broaden our technological capabilities in semiconductor capital equipment manufacturing.

## **Products**

We develop, design, prototype, engineer, manufacture and test subsystems, primarily for the semiconductor capital equipment industry, flat panel, solar and medical device industries. A majority of our products consist of gas delivery systems that enable the precise delivery of numerous specialty gases used in a majority of the key steps in the semiconductor manufacturing process, including deposition, etch, cleaning and annealing. Our gas delivery systems control the flow, pressure, sequencing and mixing of specialty gases into and out of the reaction chambers of semiconductor manufacturing tools. Our products also include other critical subsystems, including chemical mechanical planarization modules, chemical delivery modules, top-plate assemblies, frame assemblies and process modules.

*Gas delivery systems:* A typical gas delivery system consists of one or more gas lines, comprised of several filters, mass flow controllers, regulators, pressure transducers and valves, associated interconnect tubing and an integrated electronic and/or pneumatic control system. These systems are mounted on a pallet and are typically enclosed in a sheet metal encasing. Our gas delivery system designs are developed in collaboration with our customers and are customized to meet the needs of specific OEMs. We do not sell standard systems. Our customers either specify the particular brands of components they want incorporated into a particular system or rely on our design expertise and component characterization capabilities to help them select the appropriate components for their particular system.

*Chemical mechanical planarization (CMP) electro-mechanical subsystems:* CMP is a process used to polish off high spots on wafers or films deposited on wafers. CMP equipment represents the front end polishing step in

## **Table of Contents**

semiconductor manufacturing. We produce over 40 different CMP subsystem modules for one of our largest customers.

*Chemical delivery modules:* Chemical delivery modules deliver gases and reactive chemicals from a centralized subsystem to the reaction chamber and may include gas delivery systems, as well as liquid and vapor delivery systems.

*Top-plate assemblies:* Top-plate assemblies form the top portion of the reaction chamber within which gases controlled by our gas delivery systems react to form thin films or etch films on the wafer.

*Frame assemblies:* Frame assemblies are steel tubing that form the support structure to which all other assemblies are attached and include pneumatic harnesses and cables that connect other critical subsystems together.

*Process modules:* Process modules refer to the larger subsystems of semiconductor manufacturing tools that process integrated circuits onto wafers. Process modules include several smaller subsystems such as the frame assembly, top-plate assembly and gas and chemical delivery modules, as well as the chamber and electronic, pneumatic and mechanical subsystems.

*Other high level assemblies:* Other high level assemblies refer to large subsystems used in semiconductor manufacturing, solar, flat panel and medical device industries.

## **Customers**

We sell our products to semiconductor capital equipment, solar, flat panel and medical device industry OEMs. The majority of our revenue is in the semiconductor capital equipment industry, which is highly concentrated, and we are therefore highly dependent upon a small number of customers. Our three largest customers in 2007 were Applied Materials, Inc., Lam Research Corporation and Novellus Systems, Inc. and each accounted for more than 10% of our total sales in 2007. As a percentage of total revenue, sales to our three largest customers combined were 83%, 86% and 89% for the 2007, 2006 and 2005 fiscal years, respectively. The level of our customer concentration has slightly declined in recent years due to our growth into adjacent markets, a trend which we expect to continue as we reinforce and expand our relationship with new, potentially significant customers.

We have successfully qualified as a supplier with each of our customers. This lengthy qualification process involves the inspection and audit of our facilities and evaluation by our customers of our engineering, documentation, manufacturing and quality control processes and procedures before that customer places orders for our products. Our customers generally place orders with suppliers who have met and continue to meet their qualification criteria.

## **Sales and Support**

We sell our products through our direct sales force which, as of December 28, 2007, consisted of a total of 45 sales directors, account managers and sales support staff. Our sales directors are responsible for establishing sales strategy and setting the objectives for specific customer accounts. Each account manager is dedicated to a specific customer account and is responsible for the day-to-day management of that customer. Account managers work closely with customers and in many cases provide on-site support. Account managers often attend customers' internal meetings related to production and engineering design and quality to ensure that customer expectations are interpreted and communicated properly to our operations group. Account managers also work with our customers to identify and meet their cost and design-to-delivery cycle time objectives.

We have dedicated account managers responsible for new business development for gas delivery systems and other critical subsystems. Our new business development account managers initiate and develop long-term, multilevel relationships with customers and work closely with customers on new business opportunities throughout the design-to-delivery cycle. Our sales force includes technical sales support for order placement, spare parts quotes and production status updates. We have a technical sales representative located at each of our manufacturing facilities. In addition, we have developed a service and support infrastructure to provide our customers with service and support 24 hours a day, seven days a week. Our dedicated field service engineers provide customer support through the performance of on-site installation, servicing and repair of our subsystems.

## **Table of Contents**

### **Technology Development**

We engage in ongoing technology development efforts in order to remain a technology leader for gas delivery systems and to further develop our expertise in other critical subsystems. We have a technology development group which, as of December 28, 2007, consisted of five individuals, two of whom hold doctoral degrees. In addition, our design engineering and new product engineering groups support our technology development activities. Our technology development group works closely with our customers to identify and anticipate changes and trends in next-generation semiconductor manufacturing equipment. Our technology development group participates in customer technology partnership programs that focus on process application requirements for gas delivery systems and other critical subsystems. These development efforts are designed to meet specific customer requirements in the areas of subsystem design, materials, component selection and functionality. Our technology development group also works directly with our suppliers to help them identify new component technologies and make necessary changes in, and enhancements to, the components that we integrate into our products. Our analytical and testing capabilities enable us to evaluate multiple supplier component technologies and provide customers with a wide range of appropriate component and design choices for their gas delivery systems and other critical subsystems. Our analytical and testing capabilities also help us anticipate technological changes and the requirements in component features for next-generation gas delivery systems and other critical subsystems. We are also developing additional features to improve the performance and functionality of our gas delivery systems and other critical subsystems. Our technology development and new product engineering expenses were approximately \$2.9 million, \$3.1 million and \$2.4 million for the 2007, 2006 and 2005 fiscal years, respectively. We perform our technology development activities principally at our facilities in Menlo Park, California.

### **Intellectual Property**

Our success depends in part on our ability to maintain and protect our proprietary technology and to conduct our business without infringing the proprietary rights of others. Our business is largely dependent upon our design, engineering, manufacturing and testing know-how. We also rely on a combination of trade secrets and confidentiality provisions, and to a much lesser extent, patents, copyrights and trademarks, to protect our proprietary rights. As of December 28, 2007, we had seven issued United States patents, all of which expire in 2018, and we had five United States patent applications pending. None of our issued patents is material to our business. Intellectual property that we develop on behalf of our customers is generally owned exclusively by those customers.

We routinely require our employees, suppliers and potential business partners to enter into confidentiality and non-disclosure agreements before we disclose to them any sensitive or proprietary information regarding our products, technology or business plans. We require employees to assign to us proprietary information, inventions and other intellectual property they create, modify or improve.

### **Competition**

Our industry is highly fragmented. When we compete for new business, we face competition from other suppliers of gas delivery systems and other critical subsystems as well as the internal manufacturing groups of OEMs. In addition, OEMs that have elected to outsource their gas delivery systems and other critical subsystems could elect in the future to develop and manufacture these subsystems internally, leading to further competition. Our principal competitors for our gas delivery systems are Celerity Group, Inc., Integrated Flow Systems, LLC, Matheson Tri-Gas, Inc. and Wolfe Engineering, Inc., and our principal competitors for other critical subsystems are Allegro MicroSystems, Inc., Flextronics International Ltd., Fox Semicon Integrated Tech Inc. and Sanmina-SCI Corporation. Some of these competitors have substantially greater financial, technical, manufacturing and marketing resources than we do. We expect our competitors to continue to improve the performance of their current products and to introduce new products or new technologies that could adversely affect sales of our current and future products. In addition, the

limited number of potential customers in our industry further intensifies competition. The primary competitive factors in our industry are price, technology, quality, design-to-delivery cycle time, reliability in meeting product demand, service and historical customer relationships. We anticipate that increased competitive pressures will cause intensified price-based competition and we may have to reduce the prices of our products. In addition, we expect to face new competitors as we enter new markets.

**Table of Contents****Employees**

As of December 28, 2007, we had 1,027 employees, of which 176 were temporary. Of our total employees, there were 93 in engineering, 5 in technology development, 45 in sales and support, 471 in direct manufacturing, 329 in indirect manufacturing and 84 in executive and administrative functions. These figures include 213 employees in Shanghai, China. None of our employees is represented by a labor union and we have not experienced any work stoppages.

**Governmental Regulation and Environmental Matters**

Our operations are subject to federal, state and local regulatory requirements and foreign laws relating to environmental, waste management and health and safety matters, including measures relating to the release, use, storage, treatment, transportation, discharge, disposal and remediation of contaminants, hazardous substances and wastes, as well as practices and procedures applicable to the construction and operation of our facilities. Our past or future operations may result in exposure to injury or claims of injury by employees or the public which may result in material costs and liabilities to us. Although some risk of costs and liabilities related to these matters is inherent in our business, we believe that our business is operated in substantial compliance with applicable regulations. However, new, modified or more stringent requirements or enforcement policies could be adopted, which could adversely affect us.

**Available Information**

We file with the SEC annual reports on Form 10-K, quarterly reports on Form 10-Q and current reports on Form 8-K pursuant to Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended, or the Exchange Act. You may read and copy any materials we file with the SEC at the public reference facilities maintained by the SEC at Room 1024, Judiciary Plaza, 100 F Street, N.E., Washington, D.C. 20549. You may also request copies of all or any portion of such material from the SEC at prescribed rates. Please call the SEC at 1-800-SEC-0330 for further information on the operation of the public reference room. In addition, materials filed electronically with the SEC are available at the SEC's website at <http://www.sec>.

In addition, we make available free of charge, on or through our website at <http://www.uct.com>, our annual, quarterly and current reports and any amendments to those reports, as soon as reasonably practicable after electronically filing such reports with, or furnishing them to, the SEC. This website address is intended to be an inactive textual reference only; none of the information contained on our website is part of this report or is incorporated by reference herein.

**Executive Officers**

Set forth below is information concerning our executive officers as of February 28, 2007:

<b>Name</b>	<b>Age</b>	<b>Position</b>
Clarence L. Granger	59	Chairman & Chief Executive Officer
David Savage	46	President and Chief Operating Officer
Jack Sexton	44	Vice President and Chief Financial Officer
Bruce Wier	59	Senior Vice President of Engineering
Deborah Hayward	46	Senior Vice President of Sales
Sowmya Krishnan, Ph.D.	39	Vice President of Technology and Chief Technology Officer

*Clarence L. Granger* has served as our Chairman & Chief Executive Officer since October 2006, as our Chief Executive Officer since November 2002, as Chief Operating Officer since March 1999 and as a member of our board of directors since May 2002. Mr. Granger served as our Executive Vice President and Chief Operating Officer from January 1998 to March 1999 and as our Executive Vice President of Operations from April 1996 to January 1998. Prior to joining Ultra Clean in April 1996, he served as Vice President of Media Operations for Seagate Technology from 1994 to 1996. Prior to that, Mr. Granger worked for HMT Technology as Chief Executive Officer from 1993 to 1994, as Chief Operating Officer from 1991 to 1993 and as President from 1989 to 1994. Prior



**Table of Contents**

to that, Mr. Granger worked for Xidex as Vice President and General Manager, Thin Film Disk Division, from 1988 to 1989, as Vice President, Santa Clara Oxide Disk Operations, from 1987 to 1988, as Vice President, U.S. Tape Operations, from 1986 to 1987 and as Director of Engineering from 1983 to 1986. Mr. Granger holds a master of science degree in industrial engineering from Stanford University and a bachelor of science degree in industrial engineering from the University of California at Berkeley.

*David Savage* has served as our President since January 2008. Before joining Ultra Clean, Mr. Savage was Chief Executive Officer of Litel Instruments, Inc., a semiconductor optical metrology business from March 2007 to July 2007. Prior to Litel, Mr. Savage was the President, Electronics Division of Meggitt USA, Inc. where he led a division focusing on high performance sensors from September 2002 to March 2007. Prior to Meggitt, Mr. Savage founded and served as Chief Executive Officer of DigMedia, a media delivery business focused on broadband service providers from October 1998 to August 2002. Mr. Savage holds a bachelor degree in metallurgical engineering from Sheffield Hallam University in Sheffield, England. He holds several patents in nuclear and semiconductor packaging materials.

*Jack Sexton* has served as our Vice President and Chief Financial Officer since May 2005. Before joining Ultra Clean, Mr. Sexton was Corporate Controller of Credence Systems Corporation, a manufacturer of test equipment and diagnostics and failure analysis products used for testing semiconductor integrated circuits. He was Controller and Chief Accounting Officer of NPTest from May 2002 until its sale to Credence in May 2004. Prior to NPTest, Mr. Sexton was Worldwide Controller for Schlumberger Resource Management Services, now Actaris Metering Systems. Mr. Sexton joined Schlumberger in 1990, prior to which he was a plant operations controller for Texas Instruments. Mr. Sexton holds two Bachelor of Science degrees, in finance and accounting from the Carroll School of Management at Boston College, where he graduated magna cum laude. He is also a Certified Public Accountant.

*Bruce Wier* has served as our Senior Vice President of Engineering since January 2007 and Vice President of Engineering since February 2000. Mr. Wier served as our Director of Design Engineering from July 1997 to February 2000. Prior to joining Ultra Clean in July 1997, Mr. Wier was the Engineering Manager for the Oxide Etch Business Unit at Lam Research from April 1993 to June 1997. Prior to that, Mr. Wier was the Senior Project Engineering Manager at Genus from May 1990 to April 1993, the Mechanical Engineering Manager at Varian Associates from November 1985 to May 1990, and the Principal Engineer/ Project Manager at Eaton Corporation from February 1981 to November 1985. Mr. Wier is also on the board of directors of, and is the Chief Financial Officer for, Acorn Travel, a travel company formed by his wife in 1999. Mr. Wier holds a bachelor of science degree *cum laude* in mechanical engineering from Syracuse University.

*Deborah Hayward* has served as our Senior Vice President of Sales since January 2007 and Vice President of Sales since October 2002. Ms. Hayward served as our Senior Sales Director from May 2001 to October 2002, as Sales Director from February 1998 to May 2001 and as a major account manager from October 1995 to February 1998. Prior to joining Ultra Clean in 1995, she was a customer service manager and account manager at Brooks Instruments from 1985 to 1995.

*Sowmya Krishnan, Ph.D.* has served as our Vice President of Technology since January 2004 and as our Chief Technology Officer since February 2001. Dr. Krishnan served as our Director of Technology Development from January 1998 to January 2001, as Manager of Technology Development from January 1995 to December 1997 and as manager of a joint evaluation program between Ultra Clean and VLSI Technology from February 1994 to December 1994. Dr. Krishnan holds a master of science degree in chemical engineering and a doctorate degree in chemical engineering from Clarkson University.

**Item 1A. Risk Factors**

***The highly cyclical nature of the semiconductor capital equipment industry and general economic slowdowns could harm our operating results.***

Our business and operating results depend in significant part upon capital expenditures by manufacturers of semiconductors, which in turn depend upon the current and anticipated market demand for semiconductors. Historically, the semiconductor industry has been highly cyclical, with recurring periods of over-supply of semiconductor products that have had a severe negative effect on the demand for capital equipment used to

**Table of Contents**

manufacture semiconductors. We have experienced and anticipate that we will continue to experience significant fluctuations in customer orders for our products. Our sales were \$403.8 million, \$337.2 million, and \$147.5 million for fiscal years 2007, 2006 and 2005, respectively. Historically, semiconductor industry slowdowns have had, and future slowdowns may have, a material adverse effect on our operating results.

In addition, uncertainty regarding the growth rate of economies throughout the world has from time to time caused companies to reduce capital investment and may in the future cause reduction of such investments. These reductions have often been particularly severe in the semiconductor capital equipment industry.

***We rely on a small number of customers for a significant portion of our sales, and any impairment of our relationships with these customers would adversely affect our business.***

A relatively small number of OEM customers have historically accounted for a significant portion of our sales, and we expect this trend to continue. Applied Materials, Inc., Lam Research Corporation and Novellus Systems, Inc., collectively, accounted for 83%, 86% and 89% of our sales in fiscal years 2007, 2006 and 2005, respectively. Because of the small number of OEMs in our industry, most of which are already our customers, it would be difficult to replace lost revenue resulting from the loss of, or the reduction, cancellation or delay in purchase orders by, any one of these customers. Consolidation among our customers or a decision by any one or more of our customers to outsource all or most manufacturing and assembly work to a single equipment manufacturer may further concentrate our business in a limited number of customers and expose us to increased risks relating to dependence on an even smaller number of customers.

In addition, by virtue of our customers' size and the significant portion of revenue that we derive from them, they are able to exert significant influence and pricing pressure in the negotiation of our commercial agreements and the conduct of our business with them. We may also be asked to accommodate customer requests that extend beyond the express terms of our agreements in order to maintain our relationships with our customers. If we are unable to retain and expand our business with these customers on favorable terms, our business and operating results will be adversely affected.

We have had to qualify, and are required to maintain our status, as a supplier for each of our customers. This is a lengthy process that involves the inspection and approval by a customer of our engineering, documentation, manufacturing and quality control procedures before that customer will place volume orders. Our ability to lessen the adverse effect of any loss of, or reduction in sales to, an existing customer through the rapid addition of one or more new customers is minimal because of these qualification requirements. Consequently, our business, operating results and financial condition would be adversely affected by the loss of, or any reduction in orders by, any of our significant customers.

***We have experienced and may continue to experience difficulties with our new enterprise resource planning (ERP) system, which we implemented during the fourth quarter of fiscal 2007, and which has impacted and could further impact our results of operation.***

We have experienced and may continue to experience, difficulties with our new ERP system. For example, in the fourth quarter of fiscal 2007, increased year-end rescheduling actions by our customers, combined with the difficulties we experienced with our new ERP system, resulted in inefficiencies which drove higher operating costs. We plan to implement our new ERP system in our China facilities during the fourth quarter of fiscal 2008. Difficulties related to implementing and working with a new ERP system have adversely affected and could disrupt our ability to timely and accurately process and report key components of the results of a consolidated operations, our financial position and cash flows. Any disruptions or difficulties that may occur in connection with this new ERP system could further adversely affect our ability to complete the evaluation of our internal controls and attestation activities required by

SOX 404. System failure or malfunctioning may result in disruption of operations and the inability to process transactions and could adversely affect our financial results.

*We may not be able to integrate efficiently the operations of past and future acquired businesses.*

We have made, and may in the future consider making, additional acquisitions of, or significant investments in, businesses that offer complementary products, services, technologies or market access. For example, we acquired

**Table of Contents**

Sieger Engineering, Inc. in June 2006. If we are to realize the anticipated benefits of past and future acquisitions or investments, the operations of these companies must be integrated and combined efficiently with our own. The process of integrating supply and distribution channels, computer and accounting systems, and other aspects of operations, while managing a larger entity, will present a significant challenge to our management. In addition, it is not certain that we will be able to incorporate different financial and reporting controls, processes, systems and technologies into our existing business environment. The difficulties of integration may increase because of the necessity of combining personnel with varied business backgrounds and combining different corporate cultures and objectives. We may assume substantial debt and incur substantial costs associated with these activities and we may suffer other material adverse effects from these integration efforts which could materially reduce our earnings, even over the long-term. We may not succeed with the integration process and we may not fully realize the anticipated benefits of the business combinations. The dedication of management resources to such integration or divestitures may detract attention from the day-to-day business, and we may need to hire additional management personnel to manage our acquisitions successfully.

In addition, we frequently evaluate acquisitions of, or significant investments in, complementary companies, assets, businesses and technologies. Even if an acquisition or other investment is not completed, we may incur significant management time and effort and financial cost in evaluating such acquisition or investment, which has in the past had, and could in the future have, an adverse effect on our results of operations.

***We have established, and intend to expand, our operations in China, which exposes us to risks associated with operating in a foreign country.***

We are expanding our operations in China. Total assets in China at December 28, 2007 and December 29, 2006 were \$27.0 million and \$17.4 million, respectively.

We are exposed to political, economic, legal and other risks associated with operating in China, including:

foreign currency exchange fluctuations;

political, civil and economic instability;

tariffs and other barriers;

timing and availability of export licenses;

disruptions to our and our customers' operations due to the outbreak of communicable diseases, such as SARS and avian flu;

disruptions in operations due to the weakness of China's domestic infrastructure, including transportation and energy;

difficulties in developing relationships with local suppliers;

difficulties in attracting new international customers;

difficulties in accounts receivable collections;

difficulties in staffing and managing a distant international subsidiary and branch operations;

the burden of complying with foreign and international laws and treaties;

difficulty in transferring funds to other geographic locations;

potentially adverse tax consequences; and,

our operations in China also subject us to U.S. laws governing the export of equipment. These laws are complex and require us to obtain clearances for the export to China of certain equipment. We may fail to comply with these laws and regulations, which could require us to cease use of certain equipment and expose us to fines or penalties.

Over the past several years the Chinese government has pursued economic reform policies, including the encouragement of private economic activity and greater economic decentralization, the Chinese government may not continue these policies or may significantly alter them to our detriment from time to time without notice.

**Table of Contents**

Changes in laws and regulations or their interpretation, the imposition of confiscatory taxation policies, new restrictions on currency conversion or limitations on sources of supply could materially and adversely affect our Chinese operations, which could result in the partial or total loss of our investment in that country and materially and adversely affect our future operating results.

***Our quarterly revenue and operating results fluctuate significantly from period to period, and this may cause volatility in our common stock price.***

Our quarterly revenue and operating results have fluctuated significantly in the past, and we expect them to continue to fluctuate in the future for a variety of reasons which may include:

demand for and market acceptance of our products as a result of the cyclical nature of the semiconductor industry or otherwise, often resulting in reduced sales during industry downturns and increased sales during periods of industry recovery;

changes in the timing and size of orders by our customers;

cancellations and postponements of previously placed orders;

pricing pressure from either our competitors or our customers, resulting in the reduction of our product prices;

disruptions or delays in the manufacturing of our products or in the supply of components or raw materials that are incorporated into or used to manufacture our products, thereby causing us to delay the shipment of products;

decreased margins for several or more quarters following the introduction of new products, especially as we introduce new subsystems;

delays in ramp-up in production, low yields or other problems experienced at our manufacturing facilities in China;

changes in design-to-delivery cycle times;

inability to reduce our costs quickly in step with reductions in our prices or in response to decreased demand for our products;

changes in our mix of products sold;

write-offs of excess or obsolete inventory;

one-time expenses or charges associated with failed acquisition negotiations or completed acquisitions;

announcements by our competitors of new products, services or technological innovations, which may, among other things, render our products less competitive; and

geographic mix of worldwide earnings.

As a result of the foregoing, we believe that quarter-to-quarter comparisons of our revenue and operating results may not be meaningful and that these comparisons may not be an accurate indicator of our future performance. Changes in

the timing or terms of a small number of transactions could disproportionately affect our operating results in any particular quarter. Moreover, our operating results in one or more future quarters may fail to meet the expectations of securities analysts or investors. If this occurs, we would expect to experience an immediate and significant decline in the trading price of our common stock.

***Third parties have claimed and may in the future claim we are infringing their intellectual property, which could subject us to litigation or licensing expenses, and we may be prevented from selling our products if any such claims prove successful.***

We have in the past and may in the future receive claims that our products, processes or technologies infringe the patents or other proprietary rights of third parties. For example, in 2007 we completed our defense of an



**Table of Contents**

infringement action brought against us by Celerity, Inc. Our defense was successful only in part. We have incurred a total of approximately \$90,000 in damages and court costs related to the Celerity infringement. In addition, we may be unaware of intellectual property rights of others that may be applicable to our products. Any litigation regarding patents or other intellectual property could be costly and time-consuming and divert our management and key personnel from our business operations, any of which could have a material adverse effect on our business and results of operations. The complexity of the technology involved in our products and the uncertainty of intellectual property litigation increase these risks. Claims of intellectual property infringement may also require us to enter into costly license agreements. However, we may not be able to obtain licenses on terms acceptable to us, or at all. We also may be subject to significant damages or injunctions against the development, manufacture and sale of certain of our products if any such claims prove successful.

***We are subject to order and shipment uncertainties and any significant reductions, cancellations or delays in customer orders could cause our revenue to decline and our operating results to suffer.***

Our revenue is difficult to forecast because we generally do not have a material backlog of unfilled orders and because of the short time frame within which we are often required to design, produce and deliver products to our customers. Most of our revenue in any quarter depends on customer orders for our products that we receive and fulfill in the same quarter. We do not have long-term purchase orders or contracts that contain minimum purchase commitments from our customers. Instead, we receive non-binding forecasts of the future volume of orders from our customers. Occasionally, we order and build component inventory in advance of the receipt of actual customer orders. Customers may cancel order forecasts, change production quantities from forecasted volumes or delay production for reasons beyond our control. Furthermore, reductions, cancellations or delays in customer order forecasts occur without penalty to, or compensation from, the customer. Reductions, cancellations or delays in forecasted orders could cause us to hold inventory longer than anticipated, which could reduce our gross profit, restrict our ability to fund our operations and cause us to incur unanticipated reductions or delays in revenue. If we do not obtain orders as we anticipate, we could have excess component inventory for a specific product that we would not be able to sell to another customer, likely resulting in inventory write-offs, which could have a material adverse affect on our business, financial condition and operating results. In addition, because many of our costs are fixed in the short term, we could experience deterioration in our gross profit when our production volumes decline.

***The manufacturing of our products is highly complex, and if we are not able to manage our manufacturing and procurement process effectively, our business and operating results will suffer.***

The manufacturing of our products is a highly complex process that involves the integration of multiple components and requires effective management of our supply chain while meeting our customers' design-to-delivery cycle time requirements. Through the course of the manufacturing process, our customers may modify design and system configurations in response to changes in their own customers' requirements. In order to rapidly respond to these modifications and deliver our products to our customers in a timely manner, we must effectively manage our manufacturing and procurement process. If we fail to manage this process effectively, we risk losing customers and damaging our reputation. In addition, if we acquire inventory in excess of demand or that does not meet customer specifications, we could incur excess or obsolete inventory charges. These risks are even greater as we expand our business beyond gas delivery systems into new subsystems. As a result, this could limit our growth and have a material adverse effect on our business, financial condition and operating results.

***OEMs may not continue to outsource other critical subsystems, which would adversely impact our operating results.***

The success of our business depends on OEMs continuing to outsource the manufacturing of critical subsystems. Most of the largest OEMs have already outsourced production of a significant portion of their critical subsystems. If OEMs

do not continue to outsource critical subsystems for their capital equipment, our revenue would be significantly reduced, which would have a material adverse affect on our business, financial condition and operating results. In addition, if we are unable to obtain additional business from OEMs, even if they continue to outsource their production of critical subsystems, our business, financial condition and operating results could be adversely affected.

**Table of Contents**

***If our new products are not accepted by OEMs or if we are unable to maintain historical margins on our new products, our operating results would be adversely impacted.***

We design, develop and market critical subsystems to OEMs. Sales of new products are expected to make up an increasing part of our total revenue. The introduction of new products is inherently risky because it is difficult to foresee the adoption of new standards, coordinate our technical personnel and strategic relationships and win acceptance of new products by OEMs. We may not be able to recoup design and development expenditures if our new products are not accepted by OEMs. Newly introduced products typically carry lower gross margins for several or more quarters following their introduction. If any of our new subsystems is not successful in the market, or if we are unable to obtain gross margins on new products that are similar to the gross margins we have historically achieved, our business, operating results and financial condition could be adversely affected.

***We may not be able to manage our future growth successfully.***

Our ability to execute our business plan successfully in a rapidly evolving market requires an effective planning and management process. We have increased, and plan to continue to increase, the scope of our operations. Our revenues in 2007 increased 19.7% over revenues in 2006, and our 2006 revenues increased 128.6% over our 2005 revenues, in significant part due to the acquisition of Sieger. Due to the cyclical nature of the semiconductor industry, however, future growth is difficult to predict. Our expansion efforts could be expensive and may strain our managerial and other resources. To manage future growth effectively, we must maintain and enhance our financial and operating systems and controls and manage expanded operations. Although we occasionally experience reductions in force, over time the number of people we employ has generally grown and we expect this number to continue to grow when our operations expand. The addition and training of new employees may lead to short-term quality control problems and place increased demands on our management and experienced personnel. If we do not manage growth properly, our business, operating results and financial condition could be adversely affected.

***Our business is largely dependent on the know-how of our employees, and we generally do not have a protected intellectual property position.***

Our business is largely dependent upon our design, engineering, manufacturing and testing know-how. We rely on a combination of trade secrets and contractual confidentiality provisions and, to a much lesser extent, patents, copyrights and trademarks, to protect our proprietary rights. Accordingly, our intellectual property position is more vulnerable than it would be if it were protected by patents. If we fail to protect our proprietary rights successfully, our competitive position could suffer, which could harm our operating results. We may be required to spend significant resources to monitor and protect our proprietary rights, and, in the event we do not detect infringement of our proprietary rights, we may lose our competitive position in the market if any such infringement occurs. In addition, competitors may design around our technology or develop competing technologies and know-how.

***If we do not keep pace with developments in the semiconductor industry and with technological innovation generally, our products may not be competitive.***

Rapid technological innovation in semiconductor manufacturing requires the semiconductor capital equipment industry to anticipate and respond quickly to evolving customer requirements and could render our current product offerings and technology obsolete. Technological innovations are inherently complex. We must devote resources to technology development in order to keep pace with the rapidly evolving technologies used in semiconductor manufacturing. We believe that our future success will depend upon our ability to design, engineer and manufacture products that meet the changing needs of our customers. This requires that we successfully anticipate and respond to technological changes in design, engineering and manufacturing processes in a cost-effective and timely manner. If we are unable to integrate new technical specifications into competitive product designs, develop the technical

capabilities necessary to manufacture new products or make necessary modifications or enhancements to existing products, our business prospects could be harmed.

**Table of Contents**

The timely development of new or enhanced products is a complex and uncertain process which requires that we:

design innovative and performance-enhancing features that differentiate our products from those of our competitors;

identify emerging technological trends in the semiconductor industry, including new standards for our products;

accurately identify and design new products to meet market needs;

collaborate with OEMs to design and develop products on a timely and cost-effective basis;

ramp-up production of new products, especially new subsystems, in a timely manner and with acceptable yields;

successfully manage development production cycles; and

respond effectively to technological changes or product announcements by others.

***The industry in which we participate is highly competitive and rapidly evolving, and if we are unable to compete effectively, our operating results would be harmed.***

Our competitors are primarily companies that design and manufacture critical subsystems for semiconductor capital equipment. Although we have not faced competition in the past from the largest subsystem and component manufacturers in the semiconductor capital equipment industry, these suppliers could compete with us in the future. Increased competition has in the past resulted, and could in the future result, in price reductions, reduced gross margins or loss of market share, any of which would harm our operating results. We are subject to pricing pressure as we attempt to increase market share with our existing customers. Competitors may introduce new products for the markets currently served by our products. These products may have better performance, lower prices and achieve broader market acceptance than our products. Further, OEMs typically own the design rights to their products and may provide these designs to other subsystem manufacturers. If our competitors obtain proprietary rights to these designs such that we are unable to obtain the designs necessary to manufacture products for our OEM customers, our business, financial condition and operating results could be adversely affected.

Our competitors may have greater financial, technical, manufacturing and marketing resources than we do. As a result, they may be able to respond more quickly to new or emerging technologies and changes in customer requirements, devote greater resources to the development, promotion, sale and support of their products, and reduce prices to increase market share. Moreover, there may be merger and acquisition activity among our competitors and potential competitors that may provide our competitors and potential competitors an advantage over us by enabling them to expand their product offerings and service capabilities to meet a broader range of customer needs. Further, if one of our customers develops or acquires the internal capability to develop and produce critical subsystems that we produce, the loss of that customer could have a material adverse effect on our business, financial condition and operating results. The introduction of new technologies and new market entrants may also increase competitive pressures.

***We must achieve design wins to retain our existing customers and to obtain new customers.***

New semiconductor capital equipment typically has a lifespan of several years, and OEMs frequently specify which systems, subsystems, components and instruments are to be used in their equipment. Once a specific system, subsystem, component or instrument is incorporated into a piece of semiconductor capital equipment, it will likely

continue to be incorporated into that piece of equipment for at least several months before the OEM switches to the product of another supplier. Accordingly, it is important that our products are designed into the new semiconductor capital equipment of OEMs, which we refer to as a design win, in order to retain our competitive position with existing customers and to obtain new customers.

We incur technology development and sales expenses with no assurance that our products will ultimately be designed into an OEM's semiconductor capital equipment. Further, developing new customer relationships, as well

**Table of Contents**

as increasing our market share at existing customers, requires a substantial investment of our sales, engineering and management resources without any assurance from prospective customers that they will place significant orders. We believe that OEMs often select their suppliers and place orders based on long-term relationships. Accordingly, we may have difficulty achieving design wins from OEMs that are not currently our customers. Our operating results and potential growth could be adversely affected if we fail to achieve design wins with leading OEMs.

***We may not be able to respond quickly enough to increases in demand for our products.***

Demand shifts in the semiconductor industry are rapid and difficult to predict, and we may not be able to respond quickly enough to an increase in demand. Our ability to increase sales of our products depends, in part, upon our ability to:

mobilize our supply chain in order to maintain component and raw material supply;

optimize the use of our design, engineering and manufacturing capacity in a timely manner;

deliver our products to our customers in a timely fashion;

expand, if necessary, our manufacturing capacity; and

maintain our product quality as we increase production.

If we are unable to respond to rapid increases in demand for our products on a timely basis or to manage any corresponding expansion of our manufacturing capacity effectively, our customers could increase their purchases from our competitors, which would adversely affect our business.

***Our dependence on our suppliers may prevent us from delivering an acceptable product on a timely basis.***

We rely on both single-source and sole-source suppliers some of whom are relatively small, for many of the components we use in our products. In addition, our customers often specify components of particular suppliers that we must incorporate into our products. Our suppliers are under no obligation to provide us with components. As a result, the loss of or failure to perform by any of these providers could adversely affect our business and operating results. In addition, the manufacturing of certain components and subsystems is an extremely complex process. Therefore, if a supplier were unable to provide the volume of components we require on a timely basis and at acceptable prices, we would have to identify and qualify replacements from alternative sources of supply. The process of qualifying new suppliers for these complex components is lengthy and could delay our production, which would adversely affect our business, operating results and financial condition. We may also experience difficulty in obtaining sufficient supplies of components and raw materials in times of significant growth in our business. For example, we have in the past experienced shortages in supplies of various components, such as mass flow controllers, valves and regulators, and certain prefabricated parts, such as sheet metal enclosures, used in the manufacture of our products. In addition, one of our competitors manufactures mass flow controllers that may be specified by one or more of our customers. If we are unable to obtain these particular mass flow controllers from our competitor or convince a customer to select alternative mass flow controllers, we may be unable to meet that customer's requirements, which could result in a loss of market share.

***Defects in our products could damage our reputation, decrease market acceptance of our products, cause the unintended release of hazardous materials and result in potentially costly litigation.***

A number of factors, including design flaws, material and component failures, contamination in the manufacturing environment, impurities in the materials used and unknown sensitivities to process conditions, such as temperature and humidity, as well as equipment failures, may cause our products to contain undetected errors or defects. Problems with our products may:

cause delays in product introductions and shipments;

result in increased costs and diversion of development resources;

cause us to incur increased charges due to unusable inventory;



**Table of Contents**

require design modifications;

decrease market acceptance of, or customer satisfaction with, our products, which could result in decreased sales and product returns; or

result in lower yields for semiconductor manufacturers.

If any of our products contain defects or have reliability, quality or compatibility problems, our reputation might be damaged and customers might be reluctant to buy our products. We may also face a higher rate of product defects as we increase our production levels. Product defects could result in the loss of existing customers, or impair our ability to attract new customers. In addition, we may not find defects or failures in our products until after they are installed in a semiconductor manufacturer's fabrication facility. We may have to invest significant capital and other resources to correct these problems. Our current or potential customers also might seek to recover from us any losses resulting from defects or failures in our products. Hazardous materials flow through and are controlled by our products and an unintended release of these materials could result in serious injury or death. Liability claims could require us to spend significant time and money in litigation or pay significant damages.

***We have outstanding indebtedness; the restrictive covenants under some of our debt agreements may limit our ability to expand or pursue our business strategy; if we are forced to prepay some or all of this indebtedness our financial position would be severely and adversely affected.***

We have outstanding indebtedness. At December 28, 2007, our long-term debt was \$18.6 million and our short-term debt was \$3.6 million, for an aggregate total of \$22.2 million. Our loan agreement requires compliance with certain financial covenants, including a leverage and fixed charge coverage test. The covenants contained in our line of credit with the bank also restrict our ability to take certain actions, including our ability to:

incur additional indebtedness;

pay dividends and make distributions in respect of our capital stock;

redeem capital stock;

make investments or other restricted payments outside the ordinary course of business;

engage in transactions with stockholders and affiliates;

create liens;

sell or otherwise dispose of assets;

make payments on our other debt, other than in the ordinary course; and

engage in certain mergers and acquisitions.

While we are currently in compliance with the financial covenants in our loan agreement, we cannot assure you that we will meet these financial covenants in subsequent periods. If we are unable to meet any covenants, we cannot assure you that the bank will grant waivers or amend the covenants, or that the bank will not terminate the agreement, preclude further borrowings or require us to immediately repay any outstanding borrowings. As long as our

indebtedness remains outstanding, the restrictive covenants could impair our ability to expand or pursue our business strategies or obtain additional funding. Forced prepayment of some or all of our indebtedness would reduce our available cash balances and have an adverse impact on our operating and financial performance.

***The technology labor market is very competitive, and our business will suffer if we are unable to hire and retain key personnel.***

Our future success depends in part on the continued service of our key executive officers, as well as our research, engineering, sales, manufacturing and administrative personnel, most of whom are not subject to employment or non-competition agreements. In addition, competition for qualified personnel in the technology industry is intense, and we operate in geographic locations in which labor markets are particularly competitive. Our business is particularly dependent on expertise which only a very limited number of engineers possess. The loss of

**Table of Contents**

any of our key employees and officers, including our Chief Executive Officer, Chief Operating Officer or any of our Senior Vice Presidents, or the failure to attract and retain new qualified employees, would adversely affect our business, operating results and financial condition.

***We may not be able to fund our future capital requirements from our operations, and financing from other sources may not be available on favorable terms or at all.***

We have made capital expenditures of \$8.0 million in 2007, of which \$4.3 million related to the implementation of our new ERP system, and \$1.7 million related to the development of our manufacturing facilities in China. This compares to capital expenditures of \$4.0 million in 2006, most of which was for facility cleanroom expansion and improvement and the implementation of our new ERP system. We have recently leased a second manufacturing facility in Shanghai, China in close proximity to our existing facility for which we have invested \$1.5 million to date, and we have leased a new manufacturing facility in Hayward, California. We expect to invest approximately \$10.2 million in these facilities over the next four years. The amount of our future capital requirements will depend on many factors, including:

- the cost required to ensure access to adequate manufacturing capacity;
- the timing and extent of spending to support product development efforts;
- the timing of introductions of new products and enhancements to existing products;
- changing manufacturing capabilities to meet new customer requirements; and
- market acceptance of our products.

Although we currently have a credit facility, we may need to raise additional funds through public or private equity or debt financing if our current cash and cash flow from operations are insufficient to fund our future activities. Our loan agreement with our credit facility terminates on June 29, 2009 and we may not be able to renew it on favorable terms. Future equity financings could be dilutive to holders of our common stock, and debt financings could involve covenants that restrict our business operations. If we cannot raise funds on acceptable terms, if and when needed, we may not be able to develop or enhance our products, take advantage of future opportunities, grow our business or respond to competitive pressures or unanticipated requirements, any of which could adversely affect our business, operating results and financial condition.

***Fluctuations in currency exchange rates may adversely affect our financial condition and results of operations.***

Our international sales are denominated primarily, though not entirely, in U.S. dollars. Many of the costs and expenses associated with our Chinese subsidiaries are paid in Chinese Renminbi, and we expect our exposure to Chinese Renminbi to increase as we ramp up production in those facilities. In addition, purchases of some of our components are denominated in Japanese Yen. Changes in exchange rates among other currencies in which our revenue or costs are denominated and the U.S. dollar may affect our revenue, cost of sales and operating margins. While fluctuations in the value of our revenue, cost of sales and operating margins as measured in U.S. dollars have not materially affected our results of operations historically, we do not currently hedge our exchange exposure, and exchange rate fluctuations could have an adverse effect on our financial condition and results of operations in the future.

***If environmental contamination were to occur in one of our manufacturing facilities, we could be subject to substantial liabilities.***

We use substances regulated under various foreign, domestic, federal, state and local environmental laws in our manufacturing facilities. Our failure or inability to comply with existing or future environmental laws could result in significant remediation liabilities, the imposition of fines or the suspension or termination of the production of our products. In addition, we may not be aware of all environmental laws or regulations that could subject us to liability.

**Table of Contents**

***We might experience business disruptions and unanticipated expenses associated with the relocation of our headquarters to a new facility.***

The current lease for our headquarters and manufacturing facility in Menlo Park expired on December 31, 2007. We have entered into a new lease in Hayward, California, to consolidate the Menlo Park operations and certain South San Francisco manufacturing operations and we plan to move into the new facility in the second and third quarters of 2008. Beginning January 1, 2008, we are leasing our current facility in Menlo Park on a month-to-month basis. We will incur moving expenses and could experience disruptions in our operations relating to the move, either of which could be material. We may not have anticipated all the logistical impediments and obstacles and may incur unanticipated expenses relating to the move, which could adversely affect our financial condition and results of operation.

***If our facilities were to experience catastrophic loss due to natural disasters, our operations would be seriously harmed.***

Our facilities could be subject to a catastrophic loss caused by natural disasters, including fires and earthquakes. We have facilities in areas with above average seismic activity, such as our manufacturing facility in South San Francisco, California, our manufacturing and headquarters facilities in Menlo Park, California and our new facilities in Hayward, California. If any of our facilities were to experience a catastrophic loss, it could disrupt our operations, delay production and shipments, reduce revenue and result in large expenses to repair or replace the facility. In addition, we have in the past experienced, and may in the future experience, extended power outages at our facilities in South San Francisco, Menlo Park and our new facility in Hayward, California. We do not carry insurance policies that cover potential losses caused by earthquakes or other natural disasters or power loss.

***We must maintain effective controls, and our auditors will report on them.***

The Sarbanes-Oxley Act of 2002 requires, among other things, that we maintain effective disclosure controls and procedures and internal control over financial reporting. In order to maintain and improve the effectiveness of our disclosure controls and procedures and internal control over financial reporting, significant resources and management oversight will be required. As a result, our management's attention might be diverted from other business concerns, which could have a material adverse effect on our business, financial condition and operating results. Any failure by us to maintain adequate controls or to adequately implement new controls could harm our operating results or cause us to fail to meet our reporting obligations. Inferior internal controls could also cause investors to lose confidence in our reported financial information, which could adversely affect the trading price of our common stock. In addition, we might need to hire additional accounting and financial staff with appropriate public company experience and technical accounting knowledge, and we might not be able to do so in a timely fashion.

***The market for our stock is subject to significant fluctuation.***

The size of our public market capitalization is relatively small, and the volume of our shares that are traded is low. The market price of our common stock could be subject to significant fluctuations. Among the factors that could affect our stock price are:

quarterly variations in our operating results;

our ability to successfully introduce new products and manage new product transitions;

changes in revenue or earnings estimates or publication of research reports by analysts;

speculation in the press or investment community;

strategic actions by us or our competitors, such as acquisitions or restructurings;

announcements relating to any of our key customers, significant suppliers or the semiconductor manufacturing and capital equipment industry generally;

general market conditions;

**Table of Contents**

the effects of war and terrorist attacks; and

domestic and international economic factors unrelated to our performance.

The stock markets in general, and the markets for technology stocks in particular, have experienced extreme volatility that has often been unrelated to the operating performance of particular companies. These broad market fluctuations may adversely affect the trading price of our common stock.

***Provisions of our charter documents could discourage potential acquisition proposals and could delay, deter or prevent a change in control.***

The provisions of our amended and restated certificate of incorporation and bylaws could deter, delay or prevent a third party from acquiring us, even if doing so would benefit our stockholders. These provisions include:

a requirement that special meetings of stockholders may be called only by our board of directors, the chairman of our board of directors, our president or our secretary;

advance notice requirements for stockholder proposals and director nominations; and

the authority of our board of directors to issue, without stockholder approval, preferred stock with such terms as our Board of Directors may determine.

**Item 1B. *Unresolved Staff Comments***

None.

**Item 2. *Properties***

Our current headquarters is located in Menlo Park, California, where we lease approximately 64,000 square feet of commercial space under a term lease that expired on December 31, 2007. We continue to lease this facility month to month and plan to vacate this facility in early third quarter of 2008 upon occupying our new facility in Hayward. We use this space for our principal administrative, sales and support, engineering and technology development facilities and for manufacturing purposes. Approximately 6,500 square feet at our Menlo Park facility is a clean room manufacturing facility. In September 2007, we entered into a new facility lease agreement for approximately 104,000 square feet of office space in Hayward, California with plans to move into this space in the second and third quarters of 2008. We will use this space as our new principal administrative, sales and support, engineering and technology development facilities and for manufacturing purposes. This lease will expire in February 2015. We also have manufacturing and engineering facilities in South San Francisco and Sacramento. In South San Francisco we lease approximately 102,000 square feet under 6 leases with varying expiration dates and extension periods. Approximately 12,300 square feet in South San Francisco is a neat room facility and 1,300 square feet is a clean room manufacturing facility. In Sacramento, we lease approximately 20,000 square feet under a lease that expires in August of 2010 with one five-year extension. We also have manufacturing facilities in Austin, Texas, Tualatin, Oregon and Shanghai, China. In Austin, we lease approximately 44,000 square feet of commercial space under a lease that expires on October 31, 2008, subject to renewal for up to three years at our option. Approximately 6,800 square feet in Austin is a clean room manufacturing facility. In Tualatin, we lease approximately 28,000 square feet of commercial space under a lease that expires on November 7, 2010. Approximately 6,800 square feet in Tualatin is a clean room manufacturing facility. In Shanghai, we lease approximately 132,000 square feet of commercial space under two leases which expire on June 30, 2009 and February 28, 2011. Approximately 11,000 square feet of this space is a

clean room facility.

The table below lists our properties as of February 28, 2008:

<b>Location</b>	<b>Principal Use</b>	<b>Square Footage</b>	<b>Ownership</b>
Menlo Park, California	Headquarters, manufacturing, sales, engineering, technology development	64,000	Leased(1)
Hayward, California	Headquarters, manufacturing, sales, engineering, technology development sales, engineering, technology development	104,000	Leased



**Table of Contents**

<b>Location</b>	<b>Principal Use</b>	<b>Square Footage</b>	<b>Ownership</b>
South San Francisco, California	Manufacturing, engineering	102,000	Leased(2)
Sacramento, California	Manufacturing	20,000	Leased
Austin, Texas	Manufacturing, engineering	44,000	Leased
Tualatin, Oregon	Manufacturing, engineering	28,000	Leased
Shanghai, China	Manufacturing, customer support	132,000	Leased

- (1) The Company is currently leasing this space on a month-month basis until it moves into its new facility in Hayward, California.
- (2) As part of the acquisition of Sieger, the Company leases a facility from an entity controlled by one of the Company's directors. The Company incurred rent expense resulting from the lease of this facility of \$0.1 million from the time of acquisition to December 29, 2006 and \$0.3 million during the year ended December 28, 2007.

**Item 3. *Legal Proceedings***

On September 2, 2005, we filed suit in the federal court for the Northern District of California against Celerity, Inc., or Celerity, seeking a declaratory judgment that our new substrate technology does not infringe certain of Celerity's patents and/or that Celerity's patents are invalid. On September 13, 2005, Celerity filed suit in the federal court of Delaware alleging that we have infringed eight patents by developing and marketing products that use Celerity's fluid distribution technology. The complaint by Celerity seeks injunction against future infringement of its patents and compensatory and treble damages. The Delaware litigation was transferred to the Northern District of California on October 19, 2005 and on December 12, 2005 was consolidated with our previously filed declaratory judgment action. The Court issued its claim construction order on September 29, 2006. We then filed motions for summary judgments of non-infringement and invalidity with the Court. The Court issued summary judgment in April 2007, dismissing four of Celerity's patent infringement claims. In addition, Celerity had previously withdrawn two of its patent infringement claims. The case ultimately went to trial in June 2007, and, on June 25, 2007, a jury found that we did not infringe on one of the two remaining patents at issue but did infringe on the other. The jury awarded damages of \$13,900 to Celerity and enjoined us from making, using, or selling the product that was found to infringe the Celerity patent. The court also ordered us to pay Celerity \$45,000 in court costs and \$31,000 in royalty fees for gas panel sales to date related to the product that was found to infringe the Celerity patent. We have filed a notice of appeal, and intend to appeal the jury verdict and injunction to the Court of Appeals for the Federal Circuit (CAFC). In addition, we have requested, and the United States Patent and Trademark Office (USPTO) has granted, our request for re-examination of the one Celerity patent that we were found to infringe. The reexamination by the USPTO is pending. We do not expect the outcome of the appeal to the CAFC or the ruling by the USPTO in the re-examination of the Celerity patent to have a material impact on our operating results or cash flows.

From time to time, we are also subject to various legal proceedings and claims, either asserted or unasserted, that arise in the ordinary course of business.

**Item 4. *Submission of Matters to a Vote of Security Holders***

None.

21

---

**Table of Contents****PART II****Item 5. Market for Registrant's Common Equity, Related Stockholder Matters, and Issuer Purchases of Equity Securities****COMPARISON OF 45 MONTH CUMULATIVE TOTAL RETURN\***

Among Ultra Clean Holdings, Inc., The NASDAQ Composite Index  
And The RDG Semiconductor Composite Index

\* \$100 invested on 3/25/04 in stock or 2/28/04 in index-including reinvestment of dividends.  
Fiscal year ending December 31.

Our common stock has been traded on the NASDAQ Global Market under the symbol UCTT since March 25, 2004. The following table sets forth for the periods indicated the high and low closing sales prices per share of our common stock as reported by the NASDAQ Global Market:

	<b>High</b>	<b>Low</b>
<b>Fiscal year 2006</b>		
First quarter	\$ 9.80	\$ 7.10
Second quarter	\$ 9.45	\$ 7.44
Third quarter	\$ 11.10	\$ 7.36
Fourth quarter	\$ 14.08	\$ 10.02
<b>Fiscal year 2007</b>		
First quarter	\$ 18.52	\$ 13.25
Second quarter	\$ 19.60	\$ 12.91
Third quarter	\$ 15.55	\$ 12.77
Fourth quarter	\$ 16.58	\$ 12.13

To date, we have not declared or paid cash dividends to our stockholders and we do not intend to do so for the foreseeable future in order to retain earnings for use in our business. Our credit facility limits our ability to pay dividends. As of February 28, 2008, we had approximately 22 stockholders of record.

**Table of Contents****Item 6. Selected Consolidated Financial Data**

You should read the following tables in conjunction with other information contained under Management's Discussion and Analysis of Financial Condition and Results of Operations, our consolidated financial statements and related notes and other financial information contained elsewhere in this Annual Report.

**Statements of Income Data:**

	<b>Years Ended</b>				
	<b>12/28/2007</b>	<b>12/29/2006</b>	<b>12/30/2005</b>	<b>12/31/2004</b>	<b>12/26/2003</b>
<b>Consolidated Statements of Operations Data:</b>					
Sales	\$ 403,807	\$ 337,228	\$ 147,535	\$ 184,204	\$ 77,520
Cost of goods sold	346,347	286,542	127,459	154,995	67,313
Gross profit	57,460	50,686	20,076	29,209	10,207
Operating expenses	33,953	25,352	17,515	15,761	8,409
Income from operations	23,507	25,334	2,561	13,448	1,798
Other income (expense)	(1,797)	(1,758)	147	(387)	(1,458)
Income before income taxes	21,710	23,576	2,708	13,061	340
Income tax provision	5,817	7,266	705	4,511	232
Net income	\$ 15,893	\$ 16,310	\$ 2,003	\$ 8,550	\$ 108
Net income per share:					
Basic	\$ 0.75	\$ 0.85	\$ 0.12	\$ 0.59	\$ 0.01
Diluted	\$ 0.72	\$ 0.83	\$ 0.12	\$ 0.55	\$ 0.01
Shares used in computation:					
Basic	21,293	19,220	16,241	14,605	9,976
Diluted	22,118	19,649	17,169	15,542	10,711

The results for the year ended December 29, 2006 include the activity of UCT-Sieger beginning June 30, 2006, the date of acquisition.

**Consolidated Balance Sheet Data:**

	<b>12/28/2007</b>	<b>12/29/2006</b>	<b>12/30/2005</b>	<b>12/31/2004</b>	<b>12/26/2003</b>
Cash & cash equivalents	\$ 33,447	\$ 23,321	\$ 10,663	\$ 11,440	\$ 6,035
Working capital	80,498	71,587	33,889	29,861	17,519
Total assets	195,027	187,047	75,009	67,698	50,155
Bank borrowings and long- term debt	22,211	31,564	2,343		
	1,062	379	354	528	558

Short-and long-term capital lease and other long-term obligations					
Debt to related parties					30,013
Total stockholders equity	129,488	107,168	55,281	52,475	8,320

**Table of Contents**

**Item 7. *Management's Discussion and Analysis of Financial Condition and Results of Operations***

**Introduction**

Management's Discussion and Analysis (MD&A) is intended to provide an understanding of Ultra Clean Technology's business and results of operations. This MD&A should be read in conjunction with Ultra Clean's Consolidated Financial Statements and the accompanying Notes to Consolidated Financial Statements included elsewhere in this report. MD&A consists of the following sections:

*Overview:* a summary of Ultra Clean's business.

*Results of Operations:* a discussion of operating results.

*Financial Condition, Liquidity and Capital Resources:* cash flows, sources and uses of cash, contractual obligations and financial position.

*Critical Accounting Policies:* a discussion of our critical accounting policies that require the exercise of judgments and estimates.

**Overview**

***General***

We are a leading developer and supplier of critical subsystems, primarily for the semiconductor capital equipment (SCE) industry. We also leverage the specialized skill sets required to support SCE to serve the technologically similar markets in the flat panel, solar and medical device industries, collectively referred to as Other Addressed Industries. We develop, design, prototype, engineer, manufacture and test subsystems which are highly specialized and tailored to specific steps in the semiconductor manufacturing process as well as in other addressed markets. Our revenue is derived from the sale of gas delivery systems and other critical subsystems including chemical mechanical planarization (CMP) subsystems, chemical delivery modules, top-plate assemblies, frame assemblies, process modules and other high level assemblies.

Our customers are primarily original semiconductor equipment manufacturers in the industries we support. We provide our customers with complete subsystem solutions that combine our expertise in design, test, component characterization and highly flexible manufacturing operations with quality control and financial stability. This combination helps us drive down total manufacturing costs, reduce design-to-delivery cycle times and maintain high quality standards for our customers. We believe these characteristics, as well as our standing as a leading supplier of gas delivery systems, place us in a strong position to benefit from the growing demand for subsystem outsourcing.

We operate clean room manufacturing facilities in Menlo Park and South San Francisco, California; Austin, Texas; Tualatin, Oregon; and Shanghai, China. We also operate machine shop facilities in South San Francisco as well as our new facility in Shanghai, China.

We have in the past considered and will continue to consider acquisitions that will enable us to expand our geographic presence, secure new customers and diversify into complementary products and markets as well as broaden our technological capabilities in semiconductor capital equipment manufacturing.

***Cyclical Business***

Our business and operating results depend in significant part upon capital expenditures by manufacturers of semiconductors, which in turn depend upon the current and anticipated market demand for semiconductors. Historically, the semiconductor industry has been highly cyclical, with recurring periods of over-supply of semiconductor products that have had a severe negative effect on the demand for capital equipment used to manufacture semiconductors. During these periods, we have experienced significant fluctuations in customer orders for our products. Our sales were \$403.8 million in 2007, \$337.2 million in 2006 and \$147.5 million in 2005. In periods where supply exceeds demand for semiconductor capital equipment, we generally experience significant reductions in customer orders for our products. Sharp decreases in demand for semiconductor capital equipment may lead our customers to cancel order forecasts, change production quantities from forecasted volumes or delay

**Table of Contents**

production, which may negatively impact our gross profit, as we may be unable to quickly reduce costs and may be required to hold inventory longer than anticipated. In periods where demand for semiconductor capital equipment exceeds supply, we generally need to quickly increase our production of gas delivery systems and other critical subsystems, requiring us to order additional inventory, effectively manage our component supply chain, hire additional employees and expand, if necessary, our manufacturing capacity.

***Customer and Geographic Concentration***

A relatively small number of OEM customers have historically accounted for a significant portion of our revenue, and we expect this trend to continue. Applied Materials, Inc., Lam Research Corporation and Novellus Systems, Inc. collectively accounted for 83% of our sales in 2007, 86% of our sales in 2006 and 89% of our sales in 2005. Because of the small number of OEMs in our industry, most of whom are already our customers, it would be difficult to replace lost revenue resulting from the loss of, reduction in, cancellation of or delay in purchase orders by, any one of these customers. Consolidation among our customers may further concentrate our business in a limited number of customers and expose us to increased risks relating to dependence on a small number of customers. In addition, any significant pricing pressure exerted by a key customer could adversely affect our operating results.

We have had to qualify, and are required to maintain our status, as a supplier for each of our customers. This is a lengthy process that involves the inspection and approval by a customer of our engineering, documentation, manufacturing and quality control procedures before that customer will place volume orders. Our ability to lessen the adverse effect of any loss of or reduction in sales to an existing customer through the rapid addition of one or more new customers is minimal because of these qualification requirements. Consequently, our business, operating results and financial condition would be adversely affected by the loss of, or any reduction in orders by, any of our significant customers.

In 2007, 2006 and 2005, 2.2%, 4.9% and 5.5%, respectively, of our total sales were derived from sales outside the United States, based upon the location to which our products were shipped.

**Results of Operations**

The following table sets forth income statement data for the periods indicated as a percentage of revenue:

	<b>December 28, 2007</b>	<b>Year Ended December 29, 2006</b>	<b>December 30, 2005</b>
Sales	100.0%	100.0%	100.0%
Cost of goods sold	85.8%	85.0%	86.4%
Gross profit	14.2%	15.0%	13.6%
Operating expenses:			
Research and development	0.7%	0.9%	1.6%
Sales and marketing	1.5%	1.4%	2.3%
General and administrative	6.2%	5.2%	8.0%
Total operating expenses	8.4%	7.5%	11.9%
Income from operations	5.9%	7.5%	1.7%



Edgar Filing: ULTRA CLEAN HOLDINGS INC - Form 10-K

Interest and other income (expense), net	(0.4)%	(0.5)%	0.1%
Income before provision for income taxes	5.5%	7.0%	1.8%
Income tax provision	1.4%	2.1%	0.4%
Net income	3.9%	4.9%	1.4%

**Table of Contents**

***Year Ended December 28, 2007 Compared With Year Ended December 29, 2006***

*Sales*

Sales for the year ended December 28, 2007 increased \$66.6 million, or 19.7%, to \$403.8 million from \$337.2 million for the year ended December 29, 2006. The increase reflects continued market penetration and strong demand in the first six months of 2007, offset, in part, by a decrease in demand resulting from the overall slowdown in the semiconductor capital equipment market in the second half of 2007. The increase includes incremental revenue of \$32.2 million derived from the acquisition of UCT-Sieger. We expect sequential revenues to be relatively flat in the first quarter of 2008.

Historically, a relatively small number of OEM customers have accounted for a significant portion of our sales. Applied Materials, Inc., Lam Research Corporation and Novellus Systems, Inc. are our three largest customers and each has greater than 10% of our total sales. As a percentage of total revenue, sales to our three largest customers combined were 83%, 86% and 89% for the years ended December 28, 2007, December 29, 2006 and December 30, 2005, respectively.

*Gross Profit*

Cost of goods sold consists primarily of purchased materials, labor and overhead, including depreciation, associated with the design and manufacture of products sold. Gross profit for the year ended December 28, 2007 increased to \$57.5 million, or 14.2% of sales, from \$50.7 million, or 15.0% of sales, for the year ended December 29, 2006. Gross profit for the year ended 2007 reflects a correction in inventory resulting from incorrect material transfers in our newly implemented ERP system, which increased our cost of goods sold by \$297,000 and decreased gross margins by 0.1% from the 14.3% reported in our earnings release dated February 19, 2008. The increase in gross profit from 2006 was due primarily to an increase in revenues, net of a decrease of approximately \$3.2 million resulting from a reduction in gross margins, primarily from our US operations. The decrease in gross margin was due primarily to declining, sequential quarterly revenue beginning in the first quarter of fiscal 2007, and the increased pressure on pricing associated with shrinking market demand. A contributing factor to the decrease in the gross margin in 2007 related to the increase in SFAS 123(R) stock-based compensation expense of \$0.5 million.

*Research and Development Expense*

Research and development expense consists primarily of activities related to new component testing and evaluation, test equipment, design and implementation, new product design and testing and other product development activities. Research and development expense remained relatively flat decreasing to \$3.0 million, or 0.7% of sales, for the year ended December 28, 2007 compared to \$3.1 million, or 0.9% of sales for the year ended December 29, 2006. The decrease as a percentage of sales was due primarily to a higher revenue base in 2007 as compared to 2006.

*Sales and Marketing Expense*

Sales and marketing expense consists primarily of salaries and commissions paid to our sales and service employees, salaries paid to our engineers who work with our sales and service employees to help determine the components and configuration requirements for new products and other costs related to the sales of our products. Sales and marketing expense was \$5.9 million and \$4.6 million for the years ended December 28, 2007 and December 29, 2006, respectively. The increased spending was due primarily to approximately \$1.1 million in additional compensation expense as a result of increases in sales and service headcount to support higher revenue including the Sieger revenue. The balance of the increase was attributed primarily to increased travel expenses of \$0.1 million and \$0.1 million of SFAS 123(R) stock compensation expense. As a percentage of sales, sales and marketing expense increased to 1.5%

for the year ended December 28, 2007 compared to 1.4% for the year ended December 29, 2006.

*General and Administrative Expense*

General and administrative expense consists primarily of salaries and overhead of our administrative staff and professional fees. General and administrative expense increased to \$25.1 million, or 6.2% of sales, for the year

**Table of Contents**

ended December 28, 2007 from \$17.7 million, or 5.2% of sales, for the year ended December 29, 2006. The increase in spending was due to increases in labor costs of \$3.5 million in part related to the addition of UCT-Sieger administrative personnel as well as increases in administrative personnel related to our China facilities. The increase is also due to accounting and consulting costs related to SOX 404 compliance of \$1.3 million, legal fees related primarily to legal proceedings described above in Item 3 Legal Proceedings of \$1.4 million and SFAS 123(R) stock compensation expenses of \$0.7 million.

*Interest and Other Income (Expense), net*

Interest and other income (expense), net for the year ended December 28, 2007 was \$(1.8) million compared to \$(1.8) million in 2006. Components of interest and other income (expense) relate primarily to the interest expense incurred for debt financing related to the Sieger acquisition. Interest expense for the year 2007 was \$2.2 million compared to \$1.4 million in 2006. The increase in 2007 was due to interest on debt incurred for a full year in 2007 compared to interest on debt incurred for only a part of 2006 as a result of the acquisition of Sieger in June 2006. This increase in interest expense was partially offset by an increase in interest income of approximately \$0.1 million as well as a decrease in other expense of approximately \$0.5 million. Other expense in fiscal 2006 included approximately \$0.5 million of stock offering expenses related to our secondary offering in the first quarter of 2006.

*Income Tax Provision*

Our effective tax rate for the year ended December 28, 2007 was 26.8% compared to 30.8% for the year ended December 29, 2006. Our effective tax rate is substantially impacted by several items including Section 199 deduction for domestic production activities, state taxes and the effect of foreign operations. The decreased rate in 2007 reflects primarily a change in our geographic mix of US and China earnings.

***Year Ended December 29, 2006 Compared With Year Ended December 31, 2005***

*Sales*

Sales for the year ended December 29, 2006 increased 128.6% to \$337.2 million from \$147.5 million for the year ended December 31, 2005. The increase reflected, primarily, a rebound in demand that began during the first quarter of 2006 and, to a lesser extent, incremental revenue derived from the acquisition of Sieger.

*Gross Profit*

Gross profit for the year ended December 29, 2006 increased to \$50.7 million, or 15.0% of sales, from \$20.1 million, or 13.6% of sales, for the year ended December 31, 2005. The increase in gross profit was due primarily to an increase in the percentage of revenue generated from our Shanghai facility, as well as improved margins from our U.S. operations. This increase was partially offset by SFAS 123(R) stock-based compensation expense of \$0.4 million.

*Research and Development Expense*

Research and development expense increased to \$3.1 million or 0.9% of sales for the year ended December 29, 2006 from \$2.4 million, or 1.6% of sales for the year ended 2005. The increase in absolute dollars was due primarily to an increase in engineering activity related to new product design and other product development activity and \$0.1 million of SFAS 123(R) stock-based compensation expenses. The decrease as a percentage of sales was due primarily to a higher revenue base in 2006 as compared to 2005.

*Sales and Marketing Expense*

Sales and marketing expense was \$4.6 million and \$3.4 million for the years ended December 29, 2006 and December 30, 2005, respectively. The increased spending was due primarily to approximately \$1.1 million in additional compensation expense resulting from increases in commissions and sales and service headcount to support higher revenue and the balance of the increase was primarily attributed to increased travel expense and \$0.1 million of SFAS 123(R) stock compensation expenses. As a percentage of sales, sales and marketing expense

## **Table of Contents**

decreased to 1.4% for the year ended December 29, 2006 compared to 2.3% of sales for the year ended December 30, 2005. The decrease as a percentage of sales was due primarily to a higher revenue base in 2006 compared to 2005.

### *General and Administrative Expense*

General and administrative expense increased to \$17.7 million, or 5.2% of sales, for the year ended December 29, 2006 from \$11.8 million, or 8.0% of sales, for the year ended December 30, 2005. The increase in spending was due to accounting and consulting costs relating to SOX 404 compliance, \$1.5 million of amortization of certain intangible assets acquired through the Sieger acquisition, legal fees related to certain legal proceedings, \$1.2 million of SFAS 123(R) stock compensation expenses and the addition of UCT-Sieger administrative personnel. The decrease as a percentage of sales was due primarily to a higher revenue base in 2006 as compared to 2005.

### *Interest and Other Income (Expense), net*

Interest and other income (expense) for the year ended December 29, 2006 decreased to \$(1.8) million compared to \$0.1 million in 2005. The decrease in interest and other income (expense), net over the comparable prior period is attributable primarily to the interest expense incurred for debt financing related to the Sieger acquisition.

### *Income Tax Provision*

Our effective tax rate for the year ended December 29, 2006 was 30.8% compared to 26.0% for the year ended December 30, 2005. Our effective tax rate was substantially impacted by several items including the extraterritorial income exclusion (ETI), Section 199 deduction for domestic production activities and the effect of foreign operations. The increased rate in 2006 reflected primarily a decrease in the tax benefit associated with the ETI exclusion and a change in our geographic mix of worldwide earnings that contributed to a year-end adjustment related to transfer pricing.

## **Critical Accounting Policies, Significant Judgments and Estimates**

Our consolidated financial statements have been prepared in accordance with accounting principles generally accepted in the United States, which requires us to make estimates and judgments that affect the reported amounts of assets, liabilities, revenue and expenses and related disclosure at the date of our financial statements. On an on-going basis, we evaluate our estimates and judgments, including those related to sales, inventories, intangible assets, stock compensation and income taxes. We base our estimates and judgments on historical experience and on various other factors that we believe to be reasonable under the circumstances, the results of which form the basis of our judgments about the carrying values of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates. We consider certain accounting policies related to revenue recognition, inventory valuation, accounting for income taxes, business combinations, valuation of intangible assets and goodwill and equity incentives to employees to be critical policies due to the estimates and judgments involved in each.

### ***Revenue Recognition***

Our revenue is concentrated in a few OEM customers in the semiconductor capital equipment, solar, flat panel and medical device industry. Our standard arrangement for our customers includes a signed purchase order or contract, no right of return of delivered products and no customer acceptance provisions. Revenue from sales of products is recognized when:

we enter into a legally binding arrangement with a customer;

we ship the products;

## **Table of Contents**

customer payment is deemed fixed or determinable and free of contingencies or significant uncertainties; and collection is probable.

Revenue is generally recognized upon shipment of the product. In arrangements which specify title transfer upon delivery, revenue is not recognized until the product is delivered. In addition, if we have not substantially completed a product or fulfilled the terms of the agreement at the time of shipment, revenue recognition is deferred until completion. Determination of criteria in the third and fourth bullet points above is based on our judgment regarding the fixed nature of the amounts charged for the products delivered and the collectability of those amounts.

We assess collectability based on the creditworthiness of the customer and past transaction history. We perform on-going credit evaluations of, and do not require collateral from, our customers. We have not experienced significant collection losses in the past. A significant change in the liquidity or financial position of any one customer could make it more difficult for us to assess collectability.

### ***Inventory Valuation***

We value the majority of our inventories at the lesser of standard cost, determined on a first-in, first-out basis, or market. We value inventory of our subsidiary, UCT-Sieger, at the lesser of actual cost or market. We assess the valuation of all inventories, including raw materials, work-in-process, finished goods and spare parts on a periodic basis. Obsolete inventory or inventory in excess of our estimated usage is written-down to its estimated market value less costs to sell, if less than its cost. The inventory write-downs are recorded as an inventory valuation allowance established on the basis of obsolete inventory or specific identified inventory in excess of established usage. Inherent in our estimates of market value in determining inventory valuation are estimates related to economic trends, future demand for our products and technological obsolescence of our products. If actual market conditions are less favorable than our projections, additional inventory write-downs may be required. If the inventory value is written down to its net realizable value, and subsequently there is an increased demand for the inventory at a higher value, the increased value of the inventory is not realized until the inventory is sold either as a component of a subsystem or as separate inventory. For the years ended December 28, 2007 and December 29, 2006, we wrote off \$0.9 million and \$0.8 million, respectively, in inventory determined to be obsolete.

### ***Accounting for Income Taxes***

The determination of our tax provision is subject to judgments and estimates. The carrying value of our net deferred tax assets, which is made up primarily of tax deductions, assumes we will be able to generate sufficient future income to fully realize these deductions. In determining whether the realization of these deferred tax assets may be impaired, we make judgments with respect to whether we are likely to generate sufficient future taxable income to realize these assets. We have not recorded any valuation allowance to impair our tax assets because, based on the available evidence, we believe it is more likely than not that we will be able to utilize all of our deferred tax assets in the future. If we do not generate sufficient future income, the realization of these deferred tax assets may be impaired, resulting in an additional income tax expense.

On December 30, 2006, we adopted the provision of Financial Accounting Standards Board ( FASB ) Interpretation No. 48, Accounting for Uncertainty in Income Taxes an interpretation of FASB Statement No. 109 ( FIN 48 ), which clarifies the accounting for uncertainty in income tax positions. This interpretation requires that we recognize in our consolidated financial statements the impact of a tax position that is more likely than not to be sustained upon examination based on the technical merits of the position. When tax returns are filed, it is highly certain that some positions taken would be sustained upon examination by the taxing authorities, while others are subject to uncertainty



about the merits of the position taken or the amount of the position that would be ultimately sustained. The benefit of a tax position is recognized in the financial statements in the period during which, based on all available evidence, management believes it is more likely than not that the position will be sustained upon examination, including the resolution of appeals or litigation processes, if any. Tax positions taken are not offset or aggregated with other positions. Tax positions that meet the more-likely-than-not recognition threshold are measured as the largest amount of tax benefit that is more than 50 percent likely of being realized upon settlement with the applicable taxing authority. The portion of the benefits associated with tax positions taken that exceeds the amount measured as described above is reflected as a liability for recognized tax benefits in the

## **Table of Contents**

accompanying balance sheets along with any associated interest that would be payable to the taxing authorities upon examination (See note 7).

We are currently open to audit under the statute of limitations by the Internal Revenue Service for fiscal years 2004 through 2007, and our state income tax returns are open to audit under the statute of limitations for fiscal years 2003 through 2007.

### ***Business Combinations***

In accordance with business combination accounting, we allocate the purchase price of acquired companies to the tangible and intangible assets acquired and liabilities assumed based on their estimated fair values. We engage third-party appraisal firms to assist management in determining the fair values of acquired intangible assets such as trade name and customer relationships. Such valuations require management to make significant estimates and assumptions. Management makes estimates of fair value based upon assumptions believed to be reasonable. These estimates are based on historical experience and information obtained from the management of the acquired companies and are inherently uncertain.

On June 29, 2006, we completed the acquisition of Sieger Engineering, Inc, a privately-held contract manufacturing company based in South San Francisco, California ( UCT-Sieger ). The total purchase price was approximately \$53.5 million and was comprised of cash consideration of \$32.4 million, including acquisition costs of \$1.4 million, and stock consideration of \$21.1 million. Our subsidiary, UCT-Sieger, is a supplier of chemical mechanical planarization (CMP) modules and other critical subsystems to the semiconductor, solar and flat panel capital equipment industries. We believe that the acquisition has enhanced our strategic position as a semiconductor equipment subsystem supplier. We have accounted for the acquisition of UCT-Sieger as a business combination and the operating results of UCT-Sieger have been included in our consolidated financial statements from the date of acquisition. (See Note 2).

### ***Valuation of Intangible Assets and Goodwill***

We annually evaluate our intangible assets and goodwill in accordance with Statement of Financial Accounting Standards No. 142 ( SFAS No. 142 ), *Goodwill and Other Intangible Assets*, for indications of impairment whenever events or changes in circumstances indicate that the carrying value may not be recoverable. Intangible assets include goodwill, customer lists and tradename. Factors we consider important that could trigger an impairment review include significant under-performance relative to historical or projected future operating results, significant changes in the manner of our use of the acquired assets or the strategy for our overall business, or significant negative industry or economic trends. The provisions of SFAS No. 142 also require a goodwill impairment test annually or more frequently if impairment indicators arise. In testing for a potential impairment of goodwill, the provisions of SFAS No. 142 require the application of a fair value based test at the reporting unit level. We operate in one reportable segment and have one reporting unit. Therefore, all goodwill is considered enterprise goodwill and the first step of the impairment test prescribed by SFAS No. 142 requires a comparison of our fair value to our book value. If the estimated fair value is less than the book value, SFAS No. 142 requires an estimate of the fair value of all identifiable assets and liabilities of the business, in a manner similar to a purchase price allocation for an acquired business. This estimate requires valuations of certain internally generated and unrecognized intangible assets such as in-process research and development and developed technology. Potential goodwill impairment is measured based upon this two-step process. We performed our annual goodwill impairment test as of December 28, 2007 and determined that goodwill was not impaired.

### ***Equity Incentives to Employees***

On January 1, 2006, we began to account for our employee stock purchase plan (ESPP) and employee stock-based compensation plan in accordance with the provisions of Statement of Financial Account Standards 123(R) *Accounting for Stock-Based Compensation*, (SFAS 123(R)), which requires recognition of the fair value of stock-based compensation. The fair value of stock options was estimated using a Black-Scholes option valuation model. This methodology requires the use of subjective assumptions in implementing SFAS 123(R), including expected stock price volatility and the estimated life of each award. The fair value of stock-based compensation awards less

**Table of Contents**

the estimated forfeitures is amortized over the service period of the award, and we have elected to use the straight-line method. We make quarterly assessments of the adequacy of the tax credit pool to determine if there are any deficiencies that require recognition in the consolidated income statements.

Prior to the implementation of SFAS 123(R), we accounted for stock options and ESPP shares under the provisions of Accounting Principles Board ( APB ) Opinion 25, *Accounting for Stock Issued to Employees*, ( APB 25 ), and FASB Interpretation ( FIN ), No. 44, *Accounting for Certain Transactions Involving Stock Compensation*, ( FIN 44 ) and made footnote disclosures as required by SFAS 148, *Accounting for Stock-Based Compensation Transition and Disclosure*, (SFAS 148). Accordingly, no compensation was recognized for purchase rights issued through the employee stock purchase plan or employee stock-based awards granted with exercise prices equal to the fair value of the underlying common stock at the date of grant. Rather, we disclosed pro forma net income and pro forma net income per share in the footnotes to the Consolidated Financial Statements as required by SFAS 148. The pro forma income calculations were estimated using a Black-Scholes option valuation model.

**Unaudited Quarterly Financial Results**

The following tables set forth statement of operations data, in thousands, for the periods indicated. The information for each of these periods is unaudited and has been prepared on the same basis as our audited consolidated financial statements included herein and includes all adjustments, consisting only of normal recurring adjustments that we consider necessary for a fair presentation of our unaudited operations data for the periods presented. Historical results are not necessarily indicative of the results to be expected in the future (in thousands):

	<b>First Quarter</b>	<b>Second Quarter</b>	<b>Third Quarter</b>	<b>Fourth Quarter</b>	<b>Fiscal Year</b>
<b>2007</b>					
Sales	\$ 110,792	\$ 104,722	\$ 95,535	\$ 92,758	\$ 403,807
Gross profit	\$ 16,757	\$ 15,816	\$ 13,370	\$ 11,517	\$ 57,460
Net income	\$ 5,185	\$ 5,096	\$ 3,541	\$ 2,071	\$ 15,893
<b>2006</b>					
Sales	\$ 57,195	\$ 68,469	\$ 104,065	\$ 107,499	\$ 337,228
Gross profit	\$ 8,191	\$ 10,710	\$ 15,371	\$ 16,414	\$ 50,686
Net income	\$ 2,131	\$ 3,957	\$ 5,560	\$ 4,662	\$ 16,310

Our operating results for fiscal 2007 reflect a downturn in the semiconductor capital equipment industry beginning in the second quarter of 2007 and worsening further in the third and fourth quarters of fiscal year 2007. Gross profit for the fourth quarter and full year ended 2007 reflects a correction in inventory resulting from incorrect material transfers in our newly implemented ERP system which increased our cost of goods sold by \$297,000 from amounts previously reported in our earnings release dated February 19, 2008. On a comparative basis, the operations of Sieger are included in the operating results above beginning in the third quarter of fiscal 2006.

**Liquidity and Capital Resources**

With the exception of the Sieger acquisition, which was funded by third-party debt, historically, we have required capital principally to fund our working capital needs, satisfy our debt obligations, maintain our equipment and purchase new capital equipment. As of December 28, 2007, we had cash of \$33.4 million as compared to \$23.3 million as of December 29, 2006.

Edgar Filing: ULTRA CLEAN HOLDINGS INC - Form 10-K

For the year ended December 28, 2007 we generated cash from operating activities of \$23.5 million compared to a use of cash of \$7.7 million for the year ended December 29, 2006. Cash flow in 2007 was favorably impacted by increases in net income and depreciation and amortization of \$15.9 million and \$4.4 million, respectively, and a decrease in accounts receivable of \$9.7 million respectively, offset in part by an increase in inventory of \$1.9 million, and a decrease in income taxes payable of \$4.9 million.

Net cash used in investing activities for the year ended December 28, 2007 decreased \$28.4 million to \$7.9 million. The decrease was due primarily to our acquisition of Sieger in 2006 offset by higher levels of capital

## **Table of Contents**

expenditures relating to our investment in a new ERP system and leasehold and capital equipment for our second manufacturing facility in Shanghai, China. In addition to our normal general capital expenditures, in 2008, we expect to invest approximately \$7.2 million in our new Hayward facility and \$3.0 million in our new Shanghai facility over the next four years. Cash for these investments will be provided from existing cash and cash from operations.

Net cash used in financing activities for the year ended December 28, 2007 increased \$47.0 million to \$5.7 million used in financing activities from \$41.3 million provided by financing activities in the year ended December 29, 2006. In 2007 the use of cash in financing activities was primarily due to payments on long-term debt of \$9.4 million offset primarily by proceeds from the issuance of common stock from our employee stock compensation plans. In 2006, we generated cash primarily through bank borrowings and stock issuance, including approximately \$10.5 million in net proceeds from our secondary stock offering of 1.6 million shares of common stock conducted in March 2006. Cash provided by financing activities in 2006 was used primarily to fund the acquisition of Sieger.

We anticipate that our operating cash flow, together with available borrowings under our revolving credit facility, will be sufficient to meet our working capital requirements, capital lease obligations, expansion plans and technology development projects for at least the next twelve months. The adequacy of these resources to meet our liquidity needs beyond that period will depend on our growth, the cyclical expansion or contraction of the semiconductor capital equipment industry and capital expenditures required to meet possible increased demand for our products.

### ***Borrowing Arrangements***

In connection with our acquisition of Sieger in the second quarter of 2006, we entered into a borrowing arrangement and an equipment loan. The loan and security agreement ( *Loan Agreement* ) provides senior secured credit facilities in an aggregate principal amount of up to \$32.5 million, consisting of a \$25 million revolving line of credit (\$10 million of which may be used for the issuance of letters of credit) and a \$7.5 million term loan. The aggregate amount of the credit facilities is also subject to a borrowing base equal to 80% of eligible accounts receivable and is secured by substantially all of our assets. Each of the credit facilities will expire on June 29, 2009 and contains certain financial covenants, including minimum profitability and liquidity ratios. In addition, the term loan is subject to monthly amortization payments in 36 equal installments. In December 2007, we paid down the balance of this loan by an additional amount of \$5.0 million. Interest rates on outstanding loans under the credit facilities ranged from 6.5% to 8.3% per annum during the year ended December 28, 2007 and were 6.5% per annum as of December 28, 2007. The equipment loan is a 5-year, \$5 million loan that is secured by certain equipment. The interest rate on the equipment loan was 7.6% as of December 28, 2007. The combined balance outstanding on the borrowing arrangement and equipment loan at December 28, 2007 was \$22.2 million.

We anticipate that we will continue to finance our operations with cash flows from operations, existing cash balances and a combination of long-term debt and/or lease financing and additional sales of equity securities. The combination and sources of capital will be determined by management based on our then-current needs and prevailing market conditions.

Although cash requirements fluctuate based on the timing and extent of many factors, management believes that cash generated from operations, together with the liquidity provided by existing cash balances and borrowing capability, will be sufficient to satisfy our liquidity requirements for at least the next 12 months.

### ***Capital Expenditures***

We made capital expenditures of \$8.0 million in the year ended December 28, 2007, the majority of which was used for the facilities expansion in China and the implementation of our new ERP system which went live during the fourth quarter of 2007. Capital expenditures in the year ended December 29, 2006 and 2005 were \$4.0 million and

\$1.1 million, respectively, the majority of which was domestic cleanroom expansion activities and the purchase and implementation of a new ERP system.

**Table of Contents****Contractual Obligations**

Other than operating leases for certain equipment and real estate, we have no off-balance sheet transactions, unconditional purchase obligations or similar instruments and, other than the revolving credit facility described above, are not a guarantor of any other entities' debt or other financial obligations. The following table summarizes our future minimum lease payments and principal payments under debt obligations as of December 28, 2007 (in thousands):

	2008	2009	2010	2011	2012	Thereafter	Total
Capital lease	\$ 33	\$ 12	\$	\$	\$	\$	\$ 45
Operating lease(1)	1,905	2,404	1,867	1,817	1,944	4,329	14,266
Borrowing arrangements	3,575	17,185	1,008	443			22,211
Purchase obligations	49,012						49,012
Total(2)	\$ 54,525	\$ 19,601	\$ 2,875	\$ 2,260	\$ 1,944	\$ 4,329	\$ 85,534

- (1) Operating lease expense reflects (a) the lease for our headquarters facility in Menlo Park, California expires on December 31, 2007 and we have entered into a new lease in Hayward, California; (b) the lease for a manufacturing facility in Portland, Oregon expires on October 31, 2010; (c) the leases for manufacturing facilities in South San Francisco expire in 2007, 2008, 2009 and 2010; (d) three leases for manufacturing facilities in Austin, Texas that expire on February 29, 2008 and August 31, 2009. We have options to renew certain of the leases in South San Francisco, which we expect to exercise.
- (2) We adopted the provisions of FASB Interpretation No. 48, *Accounting for Uncertainty in Income Taxes* (FIN 48), on December 30, 2006. As a result of the implementation of FIN 48, we recorded an additional tax liability of \$750,000 to offset the recognition of previously recorded excess tax benefits. Because of the uncertainty surrounding the future payment of these liabilities, the amounts have been excluded from the table above.

**Recently Issued Accounting Standards**

In September 2006, the Financial Accounting Standards Board ( FASB ) issued Statement of Financial Accounting Standards ( SFAS) No. 157, *Fair Value Measurements* ( SFAS 157 ), which defines fair value, establishes a framework for measuring fair value in generally accepted accounting principles, and expands disclosures about fair value measurements. SFAS 157 does not require any new fair value measurements; rather, it applies under other accounting pronouncements that require or permit fair value measurements. The provisions of SFAS 157 are to be applied prospectively as of the beginning of the fiscal year in which this statement is initially applied, with any transition adjustment recognized as a cumulative-effect adjustment to the opening balance of retained earnings. SFAS 157 is effective for financial statements issued for fiscal years beginning after November 15, 2007 and interim periods within those fiscal years. We will adopt SFAS 157 as required in January 2008 and are currently evaluating the impact of SFAS 157 on our consolidated financial statements.

In February 2007, the FASB issued SFAS No. 159, *The Fair Value Option for Financial Assets and Financial Liabilities* ( SFAS No. 159 ) which allows entities the option to measure eligible financial instruments at fair value as of specified dates. Such election, which may be applied on an instrument by instrument basis, is irrevocable once elected. SFAS No. 159 will be effective in fiscal 2008. We are evaluating the potential impact of the implementation of



SFAS No. 159 on our financial position and results of operations.

In December 2007, the FASB issued Statement 141 (revised), Business Combinations (SFAS 141(R)). The standard changes the accounting for business combinations, including the measurement of acquirer shares issued in consideration for a business combination, the recognition of contingent consideration, the accounting for preacquisition gain and loss contingencies, the recognition of capitalized in-process research and development, the accounting for acquisition-related restructuring cost accruals, the treatment of acquisition related transaction costs, and the recognition of changes in the acquirer's income tax valuation allowance. SFAS 141(R) will be effective for Ultra Clean Technology in fiscal 2009, with early adoption prohibited. Ultra Clean is evaluating the potential impact of the implementation of Statement 141(R) on its financial position and results of operations.

**Table of Contents**

**Item 7A. *Quantitative and Qualitative Disclosures About Market Risk***

Market risk represents the risk of changes in value of a financial instrument caused by fluctuations in interest rates, foreign exchange rates or equity prices.

***Foreign Exchange Rates***

During the first quarter of fiscal 2005, we entered into a loan and security agreement providing for revolver loans of up to \$3.0 million with a bank in China. As of December 28, 2007, we had no such balance outstanding under the revolver loan under such agreement. However, if we enter into future borrowing arrangements or borrow under our existing revolving credit facility, we may seek to manage our exposure to interest rate changes by using a mix of debt maturities and variable- and fixed-rate debt, together with interest rate swaps where appropriate, to fix or lower our borrowing costs. We do not make material sales in currencies other than the United States Dollar or have material purchase obligations outside of the United States, except in China where we have purchase commitments totaling \$0.8 million in United States Dollar equivalents. We have performed a sensitivity analysis assuming a hypothetical 10-percent movement in foreign currency exchange rates and interest rates applied to the underlying exposures described above. As of December 28, 2007, the analysis indicated that such market movements would not have a material effect on our business, financial condition or results of operations. Although we do not anticipate any significant fluctuations, there can be no assurance that foreign currency exchange risk will not have a material impact on our financial position, results of operations or cash flow in the future.

***Interest Rates***

Our interest rate risk relates primarily to our third party debt which totals \$22.2 million and carries interest rates pegged to the LIBOR and PRIME rates. An immediate increase in interest rates of 100 basis points would increase our interest expense by approximately \$56,000 per quarter. This would be partially offset by increased interest income on our invested cash. Conversely, an immediate decline of 100 basis points in interest rates would decrease our interest expense by approximately \$56,000 per quarter. This would be partially offset by decreased interest income on our invested cash.

**Table of Contents**

**Item 8. *Financial Statements and Supplementary Data***

**REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

To the Board of Directors and Stockholders of Ultra Clean Holdings, Inc.:

We have audited the accompanying consolidated balance sheets of Ultra Clean Holdings, Inc. and subsidiaries (the Company ) as of December 28, 2007 and December 29, 2006, and the related consolidated statements of income, stockholders' equity and cash flows for each of the three years in the period ended December 28, 2007. These consolidated financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these consolidated financial statements based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, such consolidated financial statements present fairly, in all material respects, the financial position of the Company at December 28, 2007 and December 29, 2006, and the results of its operations and its cash flows for each of the three years in the period ended December 28, 2007, in conformity with accounting principles generally accepted in the United States of America.

As discussed in Note 7 to the consolidated financial statements, effective December 30, 2006, the Company adopted FASB Interpretation No. 48, Accounting for Uncertainty in Income Taxes an Interpretation of FASB No. 109. As discussed in Note 1 to the consolidated financial statements, effective January 1, 2006, the Company changed its method of accounting for stock-based compensation in accordance with guidance provided in Statement of Financial Accounting Standards No. 123(R), *Share-Based Payment*.

We have also audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), the Company's internal control over financial reporting as of December 28, 2007, based on the criteria established in *Internal Control - Integrated Framework* issued by the Committee of Sponsoring Organizations of the Treadway Commission and our report dated March 12, 2008 expressed an unqualified opinion on the Company's internal control over financial reporting.

/s/ Deloitte & Touche LLP

San Jose, California  
March 12, 2008

**Table of Contents****Ultra Clean Holdings, Inc.****Consolidated Balance Sheets**

	<b>December 28, 2007</b>	<b>December 29, 2006</b>
	<b>(In thousands, except share amounts)</b>	
<b>ASSETS</b>		
Current assets:		
Cash and cash equivalents	\$ 33,447	\$ 23,321
Accounts receivable, net of allowance of \$352 and \$287, respectively	34,845	44,543
Inventory, net	49,342	47,914
Deferred income taxes	3,597	4,186
Prepaid expenses and other	4,110	1,303
Total current assets	125,341	121,267
Equipment and leasehold improvements, net	14,095	9,433
Long-term assets:		
Goodwill	34,196	33,490
Purchased intangibles	20,762	22,112
Other non-current assets	633	745
Total assets	\$ 195,027	\$ 187,047
<b>LIABILITIES &amp; STOCKHOLDERS EQUITY</b>		
Current liabilities:		
Bank borrowings	\$ 3,575	\$ 4,206
Accounts payable	36,817	37,583
Accrued compensation and related benefits	3,006	4,021
Capital lease obligations, current portion	33	61
Income taxes payable		2,355
Other current liabilities	1,412	1,454
Total current liabilities	44,843	49,680
Long-term debt	18,636	27,358
Deferred and other tax liabilities	1,031	2,523
Capital lease obligations and other liabilities	1,029	318
Total liabilities	65,539	79,879
Commitments and contingencies (See note 13)		
Stockholders' equity:		
Preferred stock \$0.001 par value, 10,000,000 authorized; none outstanding		

Edgar Filing: ULTRA CLEAN HOLDINGS INC - Form 10-K

Common stock \$0.001 par value, 90,000,000 authorized; 21,562,836 and 21,080,540 shares issued and outstanding, in 2007 and 2006, respectively	89,092	82,046
Retained earnings	40,396	25,122
Total stockholders equity	129,488	107,168
Total liabilities and stockholders equity	\$ 195,027	\$ 187,047

(See notes to consolidated financial statements)

**Table of Contents****Ultra Clean Holdings, Inc.****Consolidated Income Statements**

	<b>Twelve Months Ended</b>		
	<b>December 28, 2007</b>	<b>December 29, 2006</b>	<b>December 30, 2005</b>
	<b>(In thousands, except per share amounts)</b>		
Sales	\$ 403,807	\$ 337,228	\$ 147,535
Cost of goods sold	346,347	286,542	127,459
Gross profit	57,460	50,686	20,076
Operating expenses:			
Research and development	2,985	3,051	2,360
Sales and marketing	5,914	4,644	3,357
General and administrative	25,054	17,657	11,798
Total operating expenses	33,953	25,352	17,515
Income from operations	23,507	25,334	2,561
Interest and other income (expense), net	(1,797)	(1,758)	147
Income before provision for income taxes	21,710	23,576	2,708
Income tax provision	5,817	7,266	705
Net income	\$ 15,893	\$ 16,310	\$ 2,003
Net income per share:			
Basic	\$ 0.75	\$ 0.85	\$ 0.12
Diluted	\$ 0.72	\$ 0.83	\$ 0.12
Shares used in computing net income per share			
Basic	21,293	19,220	16,241
Diluted	22,118	19,649	17,169

(See notes to consolidated financial statements)

Table of Contents

## Ultra Clean Holdings, Inc.

## Consolidated Statements of Stockholders Equity

	Common Stock		Deferred Stock-based Compensation	Retained Earnings/ (Accumulated Deficit)	Total Stockholders Equity
	Shares	Amount			
	(In thousands, except share amounts)				
<b>Balance, December 31, 2004</b>	16,366,466	\$ 46,237	\$ (571)	\$ 6,809	\$ 52,475
Net issuance under employee stock plans, including tax benefits of \$116	134,897	598			598
Amortization of stock-based compensation		(16)	221		205
Net income				2,003	2,003
<b>Balance, December 30, 2005</b>	16,501,363	46,819	(350)	8,812	55,281
Issuance of common stock for business acquisition	2,599,393	21,071			21,071
Sale of common stock	1,600,000	10,510			10,510
Net issuance under employee stock plans, including tax benefits of \$1,060	379,784	2,089			2,089
Amortization of stock-based compensation		1,709	198		1,907
Net income				16,310	16,310
<b>Balance, December 29, 2006</b>	21,080,540	82,198	(152)	25,122	107,168
Issuance of restricted common stock	25,000				
Net issuance under employee stock plans, including tax benefits of \$1,323	457,296	3,759			3,759
Amortization of stock-based compensation		3,162	125		3,287
Excess tax benefits recognized under adoption of FIN 48				(619)	(619)
Net income				15,893	15,893
<b>Balance, December 28, 2007</b>	21,562,836	\$ 89,119	\$ (27)	\$ 40,396	\$ 129,488

(See notes to consolidated financial statements)

**Table of Contents****Ultra Clean Holdings, Inc.****Consolidated Statements of Cash Flows**

	<b>Twelve Months Ended</b>		
	<b>December 28, 2007</b>	<b>December 29, 2006</b>	<b>December 30, 2005</b>
	<b>(in thousands)</b>		
Cash flows from operating activities:			
Net income	\$ 15,893	\$ 16,310	\$ 2,003
Adjustments to reconcile net income to net cash provided by (used in) operating activities:			
Depreciation and amortization	4,375	3,871	2,167
Loss on sale of equipment			30
Deferred income tax	(903)	(2,002)	(318)
Excess tax benefit from stock-based compensation	(1,323)	(1,060)	116
Stock-based compensation	3,287	1,907	221
Changes in assets and liabilities:			
Accounts receivable	9,698	(10,719)	(5,743)
Inventory	(1,933)	(14,073)	(3,973)
Prepaid expenses and other	(266)	145	158
Other non-current assets	112	53	45
Accounts payable	(772)	8,749	1,770
Accrued compensation and related benefits	(1,015)	1,524	(777)
Income taxes payable	(4,921)	2,944	(865)
Other current liabilities	1,288	36	1,990
Net cash provided by operating activities	23,520	7,685	3,176
Cash flows from investing activities:			
Purchases of equipment and leasehold improvements	(7,707)	(3,941)	(1,126)
Proceeds from sale of equipment	27		9
Net cash used in acquisition	(46)	(32,353)	
Decrease in restricted cash			130
Acquisition related tax benefit			533
Net cash used in investing activities	(7,726)	(36,294)	(454)
Cash flows from financing activities:			
Principal payments on capital lease obligations	(67)	(45)	(72)
Proceeds from bank borrowings		31,991	2,343
Principal payments on long-term debt	(9,353)	(3,278)	
Excess tax benefit from stock-based compensation	1,323	1,060	
Proceeds from issuance of common stock	2,429	11,539	582
Net cash provided by (used in) financing activities	(5,668)	41,267	2,853



Edgar Filing: ULTRA CLEAN HOLDINGS INC - Form 10-K

Net increase (decrease) in cash	10,126	12,658	(777)
Cash and cash equivalents at beginning of year	23,321	10,663	11,440
Cash and cash equivalents at end of year	\$ 33,447	\$ 23,321	\$ 10,663
Supplemental cash flow information:			
Income taxes paid	\$ 10,249	\$ 5,256	\$ 510
Interest paid	\$ 2,242	\$ 1,307	\$ 80
Non-cash investing and financing activities:			
Restricted stock issued	\$ 335	\$	\$
Common stock issued in acquisition	\$	\$ 21,071	\$

(See notes to consolidated financial statements)

**Table of Contents****Ultra Clean Holdings, Inc.****Notes to Consolidated Financial Statements****1. Organization and Significant Accounting Policies**

*Organization* Ultra Clean Holdings, Inc. (the Company) is a developer and supplier of critical delivery subsystems, primarily for the semiconductor capital equipment industry, producing primarily gas delivery systems and other critical subsystems, including chemical mechanical planarization (CMP) subsystems, chemical delivery modules, frame and top plate assemblies and process modules. The Company's products improve efficiency and reduce the costs of our customers' design and manufacturing processes. The Company's customers are primarily original equipment manufacturers (OEMs) of semiconductor capital equipment. On June 29, 2006, the Company completed the acquisition of Sieger Engineering, Inc. (Sieger) which was renamed UCT-Sieger Engineering LLC (UCT-Sieger).

*Basis of Presentation* The consolidated financial statements include the accounts of the Company and its wholly owned subsidiaries. All significant inter-company accounts and transactions have been eliminated in consolidation. This financial information reflects all adjustments which are, in the opinion of the Company, normal, recurring and necessary to present fairly the statements of financial position, results of operations and cash flows for the dates and periods presented.

*Use of Accounting Estimates* The presentation of financial statements in conformity with generally accepted accounting principles in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, and disclosures of contingent liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. The Company bases its estimates and judgments on historical experience and on various other assumptions that it believes are reasonable under the circumstances. However, future events are subject to change and the best estimates and judgments routinely require adjustment. Actual amounts may differ from those estimates.

*Certain Significant Risks and Uncertainties* The Company operates in a dynamic industry and, accordingly, can be affected by a variety of factors. For example, any of the following areas could have a negative effect on the Company in terms of its future financial position, results of operations or cash flows: the highly cyclical nature of the semiconductor industry; the loss of any of a small number of customers; ability to obtain additional financing; pursuing acquisition opportunities; regulatory changes; fundamental changes in the technology underlying semiconductor manufacturing processes or semiconductor manufacturing equipment; the hiring, training and retention of key employees; successful and timely completion of product design efforts; and new product design introductions by competitors.

*Concentration of Credit Risk* Financial instruments which subject the Company to concentrations of credit risk consist principally of cash and cash equivalents and accounts receivable. The Company sells its products primarily to semiconductor capital equipment manufacturers in the United States. The Company performs credit evaluations of its customers' financial condition and generally requires no collateral.

The Company had significant sales to three customers, each accounting for 10% or more of sales: Applied Materials, Inc., Lam Research Corporation and Novellus Systems, Inc. Sales to each of these customers as a percentage of total sales were as follows:

<b>Fiscal Year Ended</b>		
<b>2007</b>	<b>2006</b>	<b>2005</b>

Customer A	43%	40%	40%
Customer B	29%	32%	31%
Customer C	11%	14%	18%

These same three significant customers and one other customer, Intuitive Surgical, Inc., represented 70% and 13%, respectively, for a combined total of 83% of accounts receivable at December 28, 2007. The same three significant customers represented a combined total of 74% of accounts receivable at December 29, 2006.

**Table of Contents****Ultra Clean Holdings, Inc.****Notes to Consolidated Financial Statements (Continued)**

*Fair Value of Financial Instruments* Our financial instruments consist of cash and cash equivalents, accounts receivable, accounts payable and bank borrowings. The carrying value of these instruments approximates their fair value because of their short-term nature.

*Fiscal Year* The Company uses a 52-53 week fiscal year ending on the Friday nearest December 31. All references to quarters refer to fiscal quarters and all references to years refer to fiscal years.

*Inventories* Inventories are generally stated at the lower of standard cost (which approximates actual cost on a first-in, first-out basis) or market. The Company evaluates the valuation of all inventories, including raw materials, work-in-process, finished goods and spare parts on a periodic basis. Obsolete inventory or inventory in excess of management's estimated usage is written-down to its estimated market value less costs to sell, if less than its cost. Inherent in the estimates of market value are management's estimates related to economic trends, future demand for products, and technological obsolescence of the Company's products.

At December 28, 2007 and December 29, 2006, inventory balances of \$49.3 million and \$47.9 million, respectively, were net of write-downs. The inventory write-downs are recorded as an inventory valuation allowance established on the basis of obsolete inventory or specific identified inventory in excess of estimated usage.

*Equipment and Leasehold Improvements* Equipment and leasehold improvements are stated at cost, or, in the case of equipment under capital leases, the present value of future minimum lease payments at inception of the related lease. Depreciation and amortization are computed using the straight-line method over the lesser of the estimated useful lives of the assets or the terms of the leases. Useful lives range from three to fifteen years.

*Product Warranty* The Company provides a warranty on its products for a period of up to two years, and provides for warranty costs at the time of sale based on historical activity. The determination of such provisions requires the Company to make estimates of product return rates and expected costs to repair or replace the products under warranty. If actual return rates and/or repair and replacement costs differ significantly from these estimates, adjustments to recognize additional cost of sales may be required in future periods. The warranty reserve is included in other current liabilities on the consolidated balance sheet. Warranty cost activity consisted of the following (in thousands):

	<b>December 28, 2007</b>	<b>Year Ended December 29, 2006</b>	<b>December 30, 2005</b>
Beginning Balance	\$ 344	\$ 76	\$ 127
Adjustment for acquisition		214	
Additions related to sales	109	376	57
Warranty costs incurred	(233)	(322)	(108)
Ending Balance	\$ 220	\$ 344	\$ 76

*Income Taxes* Income taxes are reported under Statement of Financial Accounting Standards No. 109, *Accounting for Income Taxes*, ( SFAS 109 ) and, accordingly, deferred taxes are recognized using the asset and liability method, whereby deferred tax assets and liabilities are recognized for the future tax consequence attributable to differences between the financial statement carrying amounts of existing assets and liabilities and their respective tax base, and operating loss and tax credit carry-forwards. Valuation allowances are provided if it is more likely than not that some or all of the deferred tax assets will not be recognized.

***Stock-based compensation and deferred stock-based compensation***

The Company maintains stock-based compensation plans which allow for the issuance of stock options to executives and certain employees. The Company also maintains an employee stock purchase plan ( ESPP ) that provides for the issuance of shares to all eligible employees of the Company at a discounted price. Prior to fiscal year 2006, the Company accounted for the plans under the recognition and measurement provisions of Accounting

**Table of Contents****Ultra Clean Holdings, Inc.****Notes to Consolidated Financial Statements (Continued)**

Principles Board ( APB ) Opinion 25, *Accounting for Stock Issued to Employees* , and related Interpretations. Accordingly, because stock options granted had an exercise price equal to the market value of the underlying common stock on the date of the grant, no expense related to employee stock options was recognized. Also, as the employee stock purchase plan was considered non-compensatory, no expense related to this plan was recognized. In accordance with SFAS 123 (SFAS 123), *Accounting for Stock-Based Compensation*, as amended by SFAS No. 148 (SFAS 148), *Accounting for Stock-Based Compensation Transition and Disclosure* , the Company provided pro forma net income and net income per share disclosures for each period prior to the adoption of Statement of Accounting Standards 123R (SFAS 123(R)), *Share-Based Payment* , as if it had applied the fair value-based method in measuring compensation expense for its share-based compensation plans.

Effective January 1, 2006, the Company adopted the fair value recognition provisions of SFAS 123(R) using the modified prospective method. This statement applies to all awards granted after the effective date and to modifications, repurchases or cancellations of existing awards. Additionally, under the modified prospective transition method of adoption, the Company recognizes compensation expense for equity-based awards granted after January 1, 2006, plus the portion of outstanding awards on the adoption date for which the requisite service period has not yet been rendered based on the grant-date fair value of those awards calculated under SFAS 123, as amended by SFAS 148. Under this method of implementation, no restatement of prior periods has been made.

Stock-based compensation expense from stock options and the related income tax benefit from the expense recognized under SFAS 123(R) were \$3.0 million and \$0.8 million, respectively, for the year ended December 28, 2007, and \$1.7 million and \$0.5 million, respectively, for the year ended December 29, 2006. The estimated fair value of the Company's equity-based awards, net of expected forfeitures, is amortized over the awards' vesting period on a straight-line basis over a weighted average period of four years and will be adjusted for subsequent changes in estimated forfeitures and future option grants. The implementation of SFAS 123(R) reduced basic and fully diluted earnings per share, net of tax benefit, by \$0.10 and \$0.06 for the years ended December 28, 2007 and December 29, 2006, respectively.

**Comparable Disclosures**

The following table illustrates the effect on the Company's net income and net income per share for the year ended December 30, 2005 as if it had applied the fair value recognition provisions of SFAS No. 123 to share-based compensation using the Black-Scholes valuation model (in thousands, except per share amounts):

	<b>Year Ended December 30, 2005</b>
Net income as reported	\$ 2,003
Add: stock-based employee compensation included in reported net income, net of tax	151
Less: total stock-based compensation determined under the fair value-based method for all awards, net of tax	(828)
Pro forma net income	\$ 1,326

Basic net income per share:		
As reported	\$	0.12
Pro forma	\$	0.08
Diluted net income per share:		
As reported	\$	0.12
Pro forma	\$	0.08

**Table of Contents****Ultra Clean Holdings, Inc.****Notes to Consolidated Financial Statements (Continued)*****Determining Fair Value***

*Valuation and amortization method.* The Company estimates the fair value of stock options granted using the Black-Scholes option valuation model and a single option award approach. All options are amortized over the requisite service periods of the awards, which are generally the vesting periods, and are amortized using the straight-line basis method.

*Expected term.* The expected term of options granted represents the period of time that they are expected to be outstanding. The Company estimates the expected term of options granted based on historical exercise patterns, which the Company believes are representative of future behavior.

*Expected volatility.* The Company estimates the volatility of its common stock in the Black-Scholes option valuation at the date of grant based on historical volatility rates over the expected term, consistent with SFAS 123(R) and Staff Accounting Bulletin 107 (SAB 107), *Share-Based Payment*.

*Risk-free interest rate.* The Company bases the risk-free interest rate in the Black-Scholes option valuation model on the implied yield in effect at the time of option grant on U.S. Treasury zero-coupon issues with equivalent remaining term.

*Dividend yield.* The Company has never paid any cash dividends on its common stock and does not anticipate paying any cash dividends in the foreseeable future. Consequently, the Company uses an expected dividend yield of 0.0% in the Black-Scholes option valuation model.

*Forfeiture rate.* SFAS No. 123(R) requires the Company to estimate forfeitures at the time of grant and revise those estimates in subsequent periods if actual forfeitures differ from those estimates. The Company uses historical data to estimate pre-vesting option forfeitures and records share-based compensation expense only for those awards that are expected to vest. For purposes of calculating pro forma information under SFAS No. 123 for periods prior to fiscal year 2006, the Company accounted for forfeitures only as they occurred.

The exercise price of each stock option equals the market price of the Company's stock on the date of grant. The weighted average estimated fair value of employee stock option grants for the years ended December 28, 2007, December 29, 2006 and December 30, 2005 was \$7.26, \$4.41 and \$3.51, respectively. Most options are scheduled to vest over four years and expire no later than ten years from the grant date. The fair value for the options granted during the years ended December 28, 2007, December 29, 2006 and December 30, 2005 was estimated at the date of grant using the Black-Scholes option pricing model. The weighted average assumptions used in the model are outlined in the following table:

	<b>December 28, 2007</b>	<b>Year Ended December 29, 2006</b>	<b>December 30, 2005</b>
Dividend yield	0.0%	0.0%	0.0%
Expected volatility	50.0%	50.0%	57.9%



Risk-free interest rate	4.25%	4.9%	3.9%
Expected life (in years)	5.0	4.9	5.0

**Table of Contents****Ultra Clean Holdings, Inc.****Notes to Consolidated Financial Statements (Continued)**

The following table summarizes the Company's restricted stock award activity for the year ended December 28, 2007 (in thousands):

	<b>Number of Shares</b>	<b>Weighted Average Grant Date Fair Value(1)</b>
Unvested stock at December 30, 2006	31	
Granted	25	
Vested	(15)	
Forfeited	( )	
Unvested at December 28, 2007	41	

(1) There is no weighted fair value associated with these restricted stock awards.

To comply with the pro forma reporting requirements of SFAS No. 123, compensation cost is also estimated for the fair value of future employee stock purchase plan issuances, which is included in the pro forma totals above. In anticipation of the required implementation of SFAS 123(R) in January 2006, the Company modified the terms of its ESPP plan in November 2005 to eliminate the look-back feature and reduce the discount on purchased shares from 15% to 5%. The fair value of purchase rights granted under the purchase plan is estimated on the date of grant using the Black-Scholes option pricing model using the following weighted average assumptions and resulting in the weighted-average fair value:

	<b>Year Ended December 30, 2005</b>
Dividend yield	0%
Expected volatility	46.5%
Risk-free interest rate	3.5%
Expected life (in years)	0.5

During the years ended December 28, 2007, December 29, 2006 and December 30, 2005, the Company recorded \$2.4 million, \$1.3 million and \$0.2 million, respectively, of stock-based compensation expense, net of tax, associated with employee and director stock plans and employee stock purchase plan programs. As of December 28, 2007, there was \$6.0 million, net of forfeitures of \$2.0 million, of unrecognized compensation cost related to employee and director stock which is expected to be recognized on a straight-line basis over a weighted average period of approximately four years, and will be adjusted for subsequent changes in estimated forfeitures and future option

grants.

Total stock-based compensation during the years ended December 28, 2007, December 29, 2006 and December 30, 2005, respectively, to various operating expense categories was as follows (in thousands):

	<b>December 28, 2007</b>	<b>Year Ended December 29, 2006</b>	<b>December 30, 2005(2)</b>
Cost of goods sold(1)	\$ 915	\$ 376	\$
Sales and marketing	203	111	
Research and development	111	81	
General and administrative	2,073	1,339	205
	3,302	1,907	205
Income tax benefit	(885)	(586)	(54)
Net stock-based compensation expense	\$ 2,417	\$ 1,321	\$ 151

**Table of Contents**

**Ultra Clean Holdings, Inc.**

**Notes to Consolidated Financial Statements (Continued)**

- (1) As of December 28, 2007 and December 29, 2006, there were no stock-based compensation expenses capitalized in inventory.
- (2) For the year ended December 30, 2005, the Company accounted for its employee stock purchase plan and employee stock option plan in accordance with the provisions of Accounting Principles Board ( APB ) Opinion No. 25. Accordingly, no compensation expense was recognized for purchase rights issued through the employee stock purchase plan or employee stock options granted with exercise prices greater than or equal to the fair value of the underlying common stock at the date of grant.

Prior to the adoption of SFAS 123(R), we presented all tax benefits of deductions resulting from the exercise of stock options as operating cash flows in our statement of cash flows. In accordance with SFAS 123(R), the cash flows resulting from excess tax benefits (tax benefits related to the excess of proceeds from employee s exercises of stock options over the stock-based compensation cost recognized for those options) are classified as financing cash flows. During the year ended December 28, 2007, we recorded \$1.3 million of excess tax benefits as a financing cash inflow.

*Purchased Intangibles and Goodwill* Purchased intangibles consist of tradenames and customer relationships acquired as part of a purchase business combination.

As part of the Sieger acquisition in June 2006, the Company allocated the purchase price to the tangible and intangible assets acquired and liabilities assumed based on their estimated fair values. The intangible assets acquired from Sieger are stated at cost less accumulated amortization and are being amortized on a straight-line basis over their estimated useful lives of six months to 10.7 years.

Ultra Clean Technology Systems and Service, Inc. was founded in 1991 by Mitsubishi Corporation and was operated as a subsidiary of Mitsubishi until November 2002, when it was acquired by the Company. As part of the Ultra Clean Technology Systems and Services acquisition in November 2002, the Company allocated the purchase price to the tangible and intangible assets acquired, liabilities assumed, and in-process research and development based on their estimated fair values. Such valuations required management to make significant estimates and assumptions, especially with respect to intangible assets.

Critical estimates in valuing certain intangible assets include, but are not limited to: future expected cash flows from customer contracts; acquired developed technologies and patents; expected costs to develop the in-process research and development into commercially viable products and estimated cash flows from the projects when completed; the market position of the acquired products; and assumptions about the period of time the trade name will continue to be used in the Company s product portfolio. Based upon these estimates, the tradename asset was assigned an indefinite life.

Management s estimates of fair value are based upon assumptions believed to be reasonable, but which are inherently uncertain.

Goodwill represents the excess of the purchase price over the fair value of tangible and identifiable intangible assets acquired. SFAS No. 141, *Business Combinations* , and SFAS No. 142, *Goodwill and Other Intangible Assets* requires that all business combinations be accounted for under the purchase method and addresses the initial recognition and

measurement of goodwill and other intangible assets acquired in a business combination. Goodwill amounts are not amortized, but rather are tested for impairment. The provisions of SFAS No. 142 require an annual goodwill impairment test or more frequently if impairment indicators arise. In testing for a potential impairment of goodwill, the provisions of SFAS No. 142 require the application of a fair value based test at the reporting unit level. The Company operates in one reporting segment which has one reporting unit. Therefore, all goodwill is considered enterprise goodwill and the first step of the impairment test prescribed by SFAS No. 142 requires a comparison of fair value to book value of the Company. If the estimated fair value of the Company is less than the book value, SFAS No. 142 requires an estimate of the fair value of all identifiable assets and liabilities of the business, in a manner similar to a purchase price allocation for an acquired business. This estimate requires valuations of certain

**Table of Contents**

**Ultra Clean Holdings, Inc.**

**Notes to Consolidated Financial Statements (Continued)**

internally generated and unrecognized intangible assets such as in-process research and development and developed technology. Potential goodwill impairment is measured based upon this two-step process. Management performed the annual goodwill impairment test as of December 28, 2007 and December 29, 2006 and determined that goodwill was not impaired. In the event that the Company determines that the value of goodwill has become impaired, the Company will incur an accounting charge for the amount of impairment during the period in which such determination is made.

*Long-Lived Assets* In accordance with SFAS No. 144, *Accounting for the Impairment or Disposal of Long-Lived Assets*, the Company evaluates the impairment of long-lived assets, based on the projection of undiscounted cash flows whenever events or changes in circumstances indicate that the carrying amounts of such assets may not be recoverable. In the event such cash flows are not expected to be sufficient to recover the recorded value of the assets, the assets are written down to their estimated fair values.

*Revenue Recognition* Product revenue is generally recorded upon shipment. In arrangements which specify title transfer upon delivery, revenue is not recognized until the product is delivered. The Company recognizes revenue when persuasive evidence of an arrangement exists, shipment has occurred, price is fixed or determinable and collectability is reasonably assured. If the Company has not substantially completed a product or fulfilled the terms of a sales agreement at the time of shipment, revenue recognition is deferred until completion. Our standard arrangement for our customers includes a signed purchase order or contract, no right of return of delivered products and no customer acceptance provisions.

The Company assesses collectability based on the credit worthiness of the customer and past transaction history. The Company performs on-going credit evaluations of customers and does not require collateral from customers.

*Research and Development Costs* Research and development costs are expensed as incurred.

*Net Income per Share* Basic net income per share is computed by dividing net income by the weighted average number of shares outstanding for the period. Diluted net income per share earnings is calculated by dividing net income by the weighted average number of common shares outstanding and common equivalent shares from dilutive stock options and restricted stock using the treasury stock method, except when anti-dilutive (see Note 9).

*Comprehensive Income* In accordance with SFAS No. 130, *Reporting Comprehensive Income*, the Company reports by major components and as a single total, the change in its net assets during the period from non-owner sources. Comprehensive income for all periods presented was the same as net income.

*Recently Issued Accounting Standards* In September 2006, the Financial Accounting Standards Board ( FASB ) issued Statement of Financial Accounting Standards ( SFAS) No. 157, Fair Value Measurements ( SFAS 157 ), which defines fair value, establishes a framework for measuring fair value in generally accepted accounting principles, and expands disclosures about fair value measurements. SFAS 157 does not require any new fair value measurements; rather, it applies under other accounting pronouncements that require or permit fair value measurements. The provisions of SFAS 157 are to be applied prospectively as of the beginning of fiscal 2008, with any transition adjustment recognized as a cumulative-effect adjustment to the opening balance of retained earnings. We will adopt SFAS 157 as required in January 2008 and are currently evaluating the impact of SFAS 157 on our consolidated financial statements.

In February 2007, the FASB issued SFAS No. 159, *The Fair Value Option for Financial Assets and Financial Liabilities*. SFAS No. 159 allows entities the option to measure eligible financial instruments at fair value as of specified dates. Such election, which may be applied on an instrument by instrument basis, is irrevocable once elected. SFAS No. 159 will be effective in fiscal 2008. We are evaluating the potential impact of the implementation of SFAS No. 159 on our financial position and results of operations.

In December 2007, FASB issued Statement 141 (revised), *Business Combinations* (SFAS 141(R)). The standard changes the accounting for business combinations, including the measurement of acquirer shares issued in

**Table of Contents****Ultra Clean Holdings, Inc.****Notes to Consolidated Financial Statements (Continued)**

consideration for a business combination, the recognition of contingent consideration, the accounting for preacquisition gain and loss contingencies, the recognition of capitalized in-process research and development, the accounting for acquisition-related restructuring cost accruals, the treatment of acquisition related transaction costs, and the recognition of changes in the acquirer's income tax valuation allowance. SFAS 141(R) will be effective for Ultra Clean Technology in fiscal 2009, with early adoption prohibited. Ultra Clean is evaluating the potential impact of the implementation of Statement 141(R) on its financial position and results of operations.

**2. Acquisition**

In June 2006, the Company acquired Sieger, a supplier of CMP modules and other critical subsystems to the semiconductor, solar and flat panel capital equipment industries. The total purchase price was approximately \$53.5 million and was comprised of cash consideration of \$32.4 million, including acquisition costs of \$1.4 million, and stock consideration of \$21.1 million. In accordance with EITF 99-12, *Determination of the Measurement Date for the Market Price of Acquirer Securities Issued in a Purchase Business Combination*, the Company valued the common stock consideration based on the average closing sales price on the NASDAQ Global Market for two days before and two days after June 29, 2006, which was both the Company's announcement date and transaction date for the acquisition.

The Company accounted for the acquisition of Sieger as a business combination and the operating results of Sieger have been included in the Company's consolidated financial statements from the date of acquisition. The allocation of the purchase price to the assets acquired and liabilities assumed is as follows (in thousands):

Tangible assets, net	\$ 10,894
Customer lists	13,800
Tradenname	800
Goodwill	27,957
Total	\$ 53,451

The Company recognized amortization expense related to purchased intangibles of approximately \$1.4 million and \$1.5 million for the years ended December 28, 2007 and December 29, 2006, respectively. The weighted average useful life of customer lists was determined to be 10.7 years. The weighted average useful life of the tradenname was determined to be six months and therefore was fully amortized by December 29, 2006.

*Pro Forma Results* The following unaudited pro forma financial information presents the combined results of operations of the Company and UCT-Sieger as if the acquisition had occurred as of the beginning of the periods presented. The unaudited pro forma financial information is not intended to represent or be indicative of the consolidated results of operations or financial condition of the Company that would have been reported had the acquisition been completed as of the dates presented, and should not be taken as being representative of the future consolidated results of operations or financial condition of the Company (in thousands):



	<b>Year Ended</b>	
	<b>December 29, 2006</b>	<b>December 30, 2005</b>
Sales	\$ 396,610	\$ 234,005
Net income	\$ 18,825	\$ 2,047
Basic net income per share	\$ 0.92	\$ 0.11
Diluted net income per share	\$ 0.90	\$ 0.10

**Table of Contents****Ultra Clean Holdings, Inc.****Notes to Consolidated Financial Statements (Continued)****3. Inventory, Net**

Inventory consisted of the following (in thousands):

	<b>December 28, 2007</b>	<b>December 29, 2006</b>
Raw materials	\$ 35,625	\$ 30,234
Work in process	15,449	19,240
Finished goods	2,556	2,537
	53,630	52,011
Reserve for obsolescence	(4,288)	(4,097)
Total	\$ 49,342	\$ 47,914

**4. Equipment and Leasehold Improvements, Net**

Equipment and leasehold improvements, net, consisted of the following (in thousands):

	<b>December 28, 2007</b>	<b>December 29, 2006</b>
Computer equipment and software	\$ 6,980	\$ 4,008
Furniture and fixtures	622	570
Machinery and equipment	8,274	6,201
Leasehold improvements	8,221	5,677
	24,097	16,456
Accumulated depreciation and amortization	(10,002)	(7,023)
Total	\$ 14,095	\$ 9,433

**5. Purchased Intangibles and Goodwill**

The following tables provide a summary of the carrying amounts of purchased intangibles that continue to be amortized (in thousands):

Gross	Net	Weighted
-------	-----	----------

	<b>Carrying Amount</b>	<b>Accumulated Amortization</b>	<b>Carrying Amount</b>	<b>Average Years</b>
<b>Year Ended December 28, 2007</b>				
Customer list	\$ 13,800	\$ (2,025)	\$ 11,775	10.7
Tradenames	9,787	(800)	8,987	*
Total	\$ 23,587	\$ (2,825)	\$ 20,762	
<b>Year Ended December 29, 2006</b>				
Customer list	\$ 13,800	\$ (675)	\$ 13,125	10.7
Tradenames	9,787	(800)	8,987	*
Total	\$ 23,587	\$ (1,475)	\$ 22,112	

\* Tradename associated with UCT-Sieger had an average life of six months and, as of December 29, 2006, had been fully amortized. Trade name associated with Ultra Clean Technology Systems and Service, Inc. has an indefinite life.

**Table of Contents****Ultra Clean Holdings, Inc.****Notes to Consolidated Financial Statements (Continued)**

Amortization expense related to purchased intangibles was \$1.4 million, \$1.5 and \$0.0 in fiscal 2007, fiscal 2006 and fiscal 2005, respectively. The total expected future amortization related to purchased intangibles will be approximately \$1.4 million, \$1.4 million, \$1.3 million and \$1.2 million in fiscal years 2008 through 2011, respectively, and \$6.4 million thereafter.

The change in the carrying amount of goodwill during the year ended December 28, 2007 is as follows (in thousands):

	<b>Net Carrying Amount</b>
Goodwill, as of December 29, 2006	\$ 33,490
FIN 48 adjustment	156
Incremental Sieger acquisition goodwill(1)	550
Goodwill, as of December 28, 2007	\$ 34,196

- (1) Incremental goodwill relates primarily to additional reserves required for inventory acquired at the time of the acquisition of Sieger.

**6. Debt and Lease Obligations**

In connection with our acquisition of Sieger in the second quarter of 2006, we entered into a borrowing arrangement and an equipment loan. The loan and security agreement ( Loan Agreement ) provides senior secured credit facilities in an aggregate principal amount of up to \$32.5 million, consisting of a \$25 million revolving line of credit (\$10 million of which may be used for the issuance of letters of credit) and a \$7.5 million term loan. The aggregate amount of the credit facilities is also subject to a borrowing base equal to 80% of eligible accounts receivable and is secured by substantially all of our assets. Each of the credit facilities will expire on June 29, 2009 and contains certain financial covenants, including minimum profitability and liquidity ratios. In addition, the term loan is subject to monthly amortization payments in 36 equal installments. In December 2007, we paid down the balance of this loan by the amount of \$5.0 million. Interest rates on outstanding loans under the credit facilities ranged from 6.5% to 8.3% per annum during the year ended December 28, 2008 and were 6.5% per annum as of December 28, 2007. The equipment loan is a 5-year, \$5 million loan that is secured by certain equipment. The interest rate on the equipment loan was 7.6% as of December 28, 2007. The combined balance outstanding on the borrowing arrangement and equipment loan at December 28, 2007 was \$22.2 million.

The Company leases certain equipment under capital lease arrangements. In addition, the Company leases its corporate and regional offices as well as some of its office equipment under non-cancelable operating leases. The Company has a renewal option for its leased facilities in South San Francisco, Hayward and Sacramento, California; Austin, Texas; Tualatin, Oregon; and Shanghai, China.

The following table summarizes our future minimum lease payments and principal payments under debt obligations as of December 28, 2007 (in thousands):

	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>Thereafter</b>	<b>Total</b>
Capital lease	\$ 33	\$ 12	\$	\$	\$	\$	\$ 45
Operating lease(1)	1,905	2,404	1,867	1,817	1,944	4,329	14,266
Borrowing arrangements	3,575	17,185	1,008	443			22,211
<b>Total</b>	<b>\$ 5,513</b>	<b>\$ 19,601</b>	<b>\$ 2,875</b>	<b>\$ 2,260</b>	<b>\$ 1,944</b>	<b>\$ 4,329</b>	<b>\$ 36,522</b>

(1) Operating lease expense reflects (a) the lease for our headquarters facility in Menlo Park, California expires on December 31, 2007 and we have entered into a new lease in Hayward, California; (b) the lease for a

**Table of Contents****Ultra Clean Holdings, Inc.****Notes to Consolidated Financial Statements (Continued)**

manufacturing facility in Portland, Oregon expires on October 31, 2010; (c) the leases for manufacturing facilities in South San Francisco expire in 2007, 2008, 2009 and 2010; (d) three leases for manufacturing facilities in Austin, Texas that expire on February 29, 2008 and August 31, 2009. We have options to renew certain of the leases in South San Francisco, which we expect to exercise.

The cost of equipment under the capital leases included in property and equipment at December 28, 2007 and December 29, 2006 was approximately \$0.4 million and \$0.3 million, respectively. Net book value of leased equipment at December 28, 2007 and December 29, 2006, was approximately \$23,000 and \$0.1 million, respectively.

Rental expense for the years ended December 28, 2007, December 29, 2006 and December 30, 2005 was approximately \$2.9 million, \$2.0 million and \$1.3 million, respectively. Included within capital lease obligations and other liabilities in 2007 and 2006 were \$0.0 and \$6,600 of deferred rent, respectively.

**7. Income Taxes**

The provision for taxes on income consisted of the following (in thousands):

	<b>December 28, 2007</b>	<b>Year Ended December 29, 2006</b>	<b>December 30, 2005</b>
Current:			
Federal	\$ 5,220	\$ 7,389	\$ 707
State	1,512	1,934	324
Total current	6,732	9,323	1,031
Deferred:			
Federal	(867)	(2,111)	(226)
State	(48)	54	(100)
Total deferred	(915)	(2,057)	(326)
Total provision	\$ 5,817	\$ 7,266	\$ 705

Significant components of net deferred tax assets and deferred tax liabilities for federal and state income taxes were as follows (in thousands):

	<b>Year Ended December 28, 2007</b>	<b>December 29, 2006</b>
--	---	------------------------------

Edgar Filing: ULTRA CLEAN HOLDINGS INC - Form 10-K

Net current deferred tax asset:			
Inventory valuation and basis difference	\$	2,390	\$ 2,848
Other accrued expenses		740	721
State taxes		467	617
		3,597	4,186
Net non-current deferred tax liability (asset):			
Deferred rent		(29)	(3)
Other accrued expenses		(1,744)	(843)
Depreciation		(2,162)	(2,180)
State taxes		380	502
Purchased intangibles		4,587	5,047
		1,031	2,523
Net deferred tax assets	\$	2,566	\$ 1,663

**Table of Contents****Ultra Clean Holdings, Inc.****Notes to Consolidated Financial Statements (Continued)**

The effective tax rate differs from the federal statutory tax rate as follows:

	<b>December 28, 2007</b>	<b>Year Ended December 29, 2006</b>	<b>December 30, 2005</b>
Federal income tax provision at statutory rate	35.0%	35.0%	34.0%
State income taxes, net of federal benefit	4.0%	4.4%	5.4%
Effect of foreign operations	(11.3)%	(7.4)%	(4.2)%
Exempt income	( )%	(2.5)%	(7.9)%
Other	(0.9)%	1.3%	(1.3)%
Effective income tax rate	26.8%	30.8%	26.0%

All foreign earnings are considered to be permanently reinvested under APB Opinion No. 23, Accounting for Income Taxes - Special Areas .

The Company adopted the provisions of FASB Interpretation No. 48, Accounting for Uncertainty in Income Taxes (FIN 48), on December 30, 2006. As a result of the implementation of FIN 48, the Company recorded a long-term tax liability of \$827,000 for the recognition of excess tax benefits, which was accounted for as a decrease of \$619,000 in retained earnings, including interest of \$67,000, and an increase of \$208,000 in goodwill as of December 30, 2006. The increase in goodwill is the result of certain tax benefits related to the acquisition of Ultra Clean Technologies and Services in 2002.

Derecognition in future periods of amounts recorded upon adoption of FIN 48, will result in an income tax benefit. The Company does not currently believe that the recognized tax benefit will change significantly within the next twelve months. There was no impact on the Company's estimated effective tax rate for 2007 as a result of the adoption of FIN 48.

The following table summarizes the activity related to the Company's unrecognized tax benefits (in thousands):

Balance as of December 29, 2006	\$ 827
Increases related to current year tax positions	27
Settlement of tax	(25)
Expiration of the statute of limitations for the assessment of taxes	(79)
Balance as of December 28, 2007	\$ 750

The Company is currently open to audit under the statute of limitations by the Internal Revenue Service for fiscal years 2004 through 2007, and the Company's state income tax returns are open to audit under the statute of limitations



for the fiscal years 2003 through 2007.

## **8. Stockholders Equity**

*Stock Options* On February 20, 2003, the Company adopted the 2003 Stock Incentive Plan (the 2003 Incentive Plan ) which was subsequently amended and restated. The Company has reserved 3,774,783 shares of its common stock for issuance under the 2003 Incentive Plan, as amended and restated. The 2003 Incentive Plan provides for the issuance of options and other stock-based awards. Options are generally granted at fair value at the date of grant as determined by the Board of Directors, have terms up to ten years and generally vest over four years. At December 28, 2007, 267,159 shares were available for future grants under the 2003 Incentive Plan.

Table of Contents

## Ultra Clean Holdings, Inc.

## Notes to Consolidated Financial Statements (Continued)

Option activity under the 2003 Incentive Plan is as follows:

	Shares	Weighted Average Exercise Price	Weighted Average Remaining Contractual Life		Aggregate Intrinsic Value (In thousands)
Outstanding, December 31, 2004	1,572,414	\$ 3.01			
Granted	859,000	6.60			
Exercised	(48,180)	1.10			
Cancelled	(262,797)	5.76			
Outstanding, December 30, 2005	2,120,437	4.17	8.25	\$	6,546
Granted	1,257,500	9.02			
Exercised	(373,296)	2.44			
Cancelled	(89,997)	6.72			
Outstanding, December 29, 2006	2,916,144	6.41	8.29	\$	17,543
Granted	529,600	14.79			
Exercised	(440,861)	5.02			
Cancelled	(77,547)	10.31			
Outstanding, December 28, 2007	2,927,336	\$ 8.03	7.70	\$	13,597

The following table summarizes information with respect to options outstanding and exercisable at December 28, 2007:

Range of Exercise Price	Shares Outstanding	Weighted Average Remaining Average Life (Years)	Weighted Average Exercise Price	Shares Exercisable	Weighted Average Exercise Price
\$1.00 - 3.99	482,878	5.43	\$ 1.05	479,645	\$ 1.03
\$4.00 - 6.99	609,946	7.42	6.50	368,604	6.52

Edgar Filing: ULTRA CLEAN HOLDINGS INC - Form 10-K

\$7.00 - 7.99	285,149	6.25	7.03	207,798	7.02
\$8.00 - 8.99	853,054	8.29	8.30	274,125	8.42
\$9.00 - 17.90	696,309	9.23	14.29	47,044	12.81
Grand Total	2,927,336	7.70	\$ 8.03	1,377,216	\$ 5.28

*Employee Stock Purchase Plan* In 2004 the Company adopted an Employee Stock Purchase Plan ( ESPP ) and is authorized to issue 555,343 shares of common stock under the ESPP. The ESPP permits employees to purchase common stock at a discount through payroll withholdings at certain specified dates (purchase period) within a defined offering period. The purchase price is 95% of the fair market value of the common stock at the end of the purchase period and is intended to qualify as an employee stock purchase plan under Section 423 of the Internal Revenue Code. There were 16,235 shares issued under the ESPP during the year ended December 29, 2007.

*Common Stock* On March 24, 2004, the Company sold 6,000,000 shares of its common stock at a price to the public of \$7.00 per share in an initial public offering ( IPO ). After deducting the underwriting discount of \$0.49 per share, the net proceeds to the Company were approximately \$39.1 million. Of the net proceeds, approximately \$31.1 million was used to redeem the Company s outstanding Series A Senior Notes plus accrued interest.

**Table of Contents****Ultra Clean Holdings, Inc.****Notes to Consolidated Financial Statements (Continued)**

On April 21, 2004, as part of the Company's IPO, FP-Ultra Clean, L.L.C., the Company's principle stockholder sold 720,350 shares of the Company's common stock in connection with the exercise by the underwriters of an over-allotment option. The Company did not receive any of the proceeds from the exercise of the over-allotment option.

On March 9, 2006, the Company sold 1,600,000 shares of its common stock to the public in a secondary offering. After deducting the underwriting discount and other costs of the offering, the net proceeds to the Company were approximately \$10.5 million. As of December 31, 2006, FP-Ultra Clean's ownership of the Company was approximately 9.5%.

On June 29, 2006, as part of the acquisition of Sieger Inc., the Company issued 2,471,907 shares of its common stock valued at approximately \$20.1 million. On November 13, 2006, the company issued 127,486 additional shares of its common stock valued at approximately \$1.0 million as part of the acquisition of Sieger Inc. As of December 28, 2007, FP-Ultra Clean's ownership of the Company was 0.0%.

*Restricted Stock* On November 26, 2002, the Company granted 268,525 shares of common stock to certain key employees and on March 1, 2004, the Company granted 62,500 shares of common stock to a board member under the 2003 Incentive Plan. These restricted shares vest, in equal installments, over a four year period from the date of grant. On May 31, 2007, the Company granted 25,000 shares of common stock to its board members under the 2003 Incentive Plan. These restricted shares vest 365 days from the date of grant.

For the years ended December 28, 2007, December 29, 2006 and December 30, 2005, the Company charged \$0.3 million, \$0.2 million and \$0.2 million, respectively, to compensation expense related to the vesting of restricted stock. The unvested amount is subject to forfeiture, until the common stock is fully vested. At December 28, 2007, 40,625 shares were subject to repurchase.

**9. Net Income Per Share**

The following is a reconciliation of the numerators and denominators used in computing basic and diluted net income per share (in thousands)

	<b>December 28, 2007</b>	<b>Year Ended December 29, 2006</b>	<b>December 30, 2005</b>
Numerator:			
Net income	\$ 15,893	\$ 16,310	\$ 2,003
Denominator:			
Shares used in computation - basic:			
Weighted average common shares outstanding	21,333	19,271	16,417
Weighted average common shares outstanding subject to repurchase	(40)	(51)	(176)

Edgar Filing: ULTRA CLEAN HOLDINGS INC - Form 10-K

Shares used in computing basic net income per share	21,293	19,220	16,241
Shares used in computation diluted:			
Weighted average common shares outstanding	21,293	19,220	16,241
Dilutive effect of common shares outstanding subject to repurchase	40	51	129
Dilutive effect of options outstanding	785	378	799
Shares used in computing diluted net income per share	22,118	19,649	17,169
Net income per share basic	\$ 0.75	\$ 0.85	\$ 0.12
Net income per share diluted	\$ 0.72	\$ 0.83	\$ 0.12

**Table of Contents****Ultra Clean Holdings, Inc.****Notes to Consolidated Financial Statements (Continued)**

The Company had securities outstanding which could potentially dilute basic earnings per share in the future, but the incremental shares from the assumed exercise of these securities were excluded in the computation of diluted net income per share, as their effect would have been anti-dilutive. Such outstanding securities consist of the following (in thousands):

	<b>December 28, 2007</b>	<b>Year Ended December 29, 2006</b>	<b>December 30, 2005</b>
Shares of common stock subject to repurchase			47
Outstanding options	499	161	925

*Deferred Stock Compensation* During the year ended December 31, 2003, the Company issued 1,067,000 common stock options to employees at a weighted average exercise price of \$1.00 per share. The weighted average exercise price was below the weighted average deemed fair value of the Company's common stock which ranged from \$1.00 to \$4.97 per share. In connection with these options, the Company recorded deferred stock-based compensation of approximately \$0.1 million and amortized approximately \$15,000, \$27,000 and \$29,000 as an expense during the years ended December 28, 2007, December 29, 2006, and December 30, 2005, respectively.

**10. Employee Benefit Plan**

The Company sponsors a 401(k) savings and profit sharing plan (the "401(k) Plan") for all employees who meet certain eligibility requirements. Participants could elect to contribute to the 401(k) Plan, on a pre-tax basis, from 2-19% of their salary up to a maximum of \$15,500. The Company may make matching contributions of up to 6% of employee contributions based upon eligibility. The Company made approximately \$0.6 million, \$0.5 million, and \$0.3 million discretionary employer contributions to the 401(k) Plan in the years ended December 28, 2007, December 29, 2006 and December 30, 2005, respectively.

**11. Related Party Transactions**

As part of the acquisition of Sieger, the Company leases a facility from an entity controlled by one of the Company's former executive officers and current member of the Board of Directors of the Company. During the year ended December 28, 2007, the Company incurred rent expense resulting from the lease of this facility of \$0.3 million and from completion of the acquisition of UCT-Sieger through December 29, 2006 rent expense resulting from the lease of this facility was \$0.1 million.

The wife of one of the Company's executives is the sole owner of the Company's primary travel agency. The Company incurred fees for travel-related services, including the cost of airplane tickets, of \$0.4 million, \$0.3 million and \$0.2 million for the years ended December 28, 2007, December 29, 2006, and December 30, 2005, respectively.

The sister, son and sister-in-law of one of the Company's executives worked for the Company during the year ended December 28, 2007. These employees were employees of Sieger prior to the date of acquisition. During the year ended December 28, 2007, the Company made payments to these individuals totaling \$161,000. From the date of

acquisition to December 29, 2006, aggregate payments by the Company to the aforementioned individuals totaled \$84,000.

In November 2002, the Company entered into an agreement with a key executive of the Company to defer payment of \$265,000 in compensation until November 15, 2009. Under this arrangement the Company pays interest of 2.7% per annum, payable on June 30 and December 31 of each year. The amounts owed under this arrangement may be prepaid by the Company at the discretion of the board of directors. The principal amount owed under this arrangement is contained within Capital lease obligations and other liabilities on the balance sheet of the Company.

**Table of Contents****Ultra Clean Holdings, Inc.****Notes to Consolidated Financial Statements (Continued)****12. Industry Information**

The Company operates in one reportable segment and is engaged in the development, manufacture and supply of critical subsystems for the semiconductor capital equipment industry. The nature of the Company's products and production processes as well as type of customers and distribution methods is consistent among all of the Company's products. The Company's foreign operations are conducted primarily through its wholly-owned subsidiary in China. The Company's principal markets include North America, Europe and Asia. Sales by geographic area represent sales to unaffiliated customers.

All information on sales by geographic area is based upon the location to which the products were shipped. The following table sets forth revenue by geographic area (in thousands):

Sales	Year Ended		
	December 28, 2007	December 29, 2006	December 30, 2005
United States	\$ 395,039	\$ 320,662	\$ 139,363
Export sales to Europe and Asia	8,768	16,566	8,172
Total	\$ 403,807	\$ 337,228	\$ 147,535

At December 28, 2007 and December 29, 2006, approximately \$4.2 million and \$2.1 million, respectively, of the Company's long-lived assets were located in China and the balances were located in the United States.

**13. Commitments and Contingencies**

The Company had commitments to purchase inventory totaling approximately \$49.0 million at December 28, 2007.

The current lease for the Company's corporate headquarters in Menlo Park expired on December 31, 2007. In September 2007, the Company entered into a facility lease agreement for approximately 104,000 square feet of office space in Hayward, California and plans to move into the new facility in the second quarter of 2008. In lieu of a cash security deposit, the Company established an irrevocable standby letter of credit in the amount of \$156,000 naming the landlord of the new facility as the beneficiary. Pursuant to the lease agreement, the Company will receive approximately \$4.1 million in tenant improvement allowances and incentives as well as \$1.2 million in rent abatements over the first two years of the lease. The operating lease term for the new facility will commence on February 15, 2008, and will continue through February 14, 2015, with minimum monthly lease payments beginning at \$119,000 and escalating annually after the first two years. The Company's total future minimum lease payments over the term of the lease will be approximately \$10.2 million.

On September 2, 2005, the Company filed suit in the federal court for the Northern District of California against Celerity, Inc., or Celerity, seeking a declaratory judgment that our new substrate technology does not infringe certain of Celerity's patents and/or that Celerity's patents are invalid. On September 13, 2005, Celerity filed suit in the federal



court of Delaware alleging that the Company has infringed eight patents by developing and marketing products that use Celerity's fluid distribution technology. The complaint by Celerity seeks injunction against future infringement of its patents and compensatory and treble damages. The Delaware litigation was transferred to the Northern District of California on October 19, 2005 and on December 12, 2005 was consolidated with the Company's previously filed declaratory judgment action. The Court issued its claim construction order on September 29, 2006. The Company then filed motions for summary judgments of non-infringement and invalidity with the Court. The Court issued summary judgment in April 2007, dismissing four of Celerity's patent infringement claims. In addition, Celerity had previously withdrawn two of its patent infringement claims. The case ultimately went to trial in June 2007, and, on June 25, 2007, a jury found that the Company did not infringe on one of the two remaining patents at issue but did infringe on the other. The jury awarded damages of \$13,900 to Celerity and enjoined the Company from making, using, or selling the product that was found to infringe the

**Table of Contents**

**Ultra Clean Holdings, Inc.**

**Notes to Consolidated Financial Statements (Continued)**

Celerity patent. The court also ordered the Company to pay Celerity \$45,000 in court costs, and \$31,000 in royalty fees for gas panel sales to date related to the product that was found to infringe the Celerity patent. The Company has filed a notice of appeal, and intends to appeal the jury verdict and injunction to the Court of Appeals for the Federal Circuit (CAFC). In addition, the Company has requested, and the United States Patent and Trademark Office (USPTO) has granted, the Company's request for re-examination of the one Celerity patent that the Company was found to infringe. The reexamination by the USPTO is pending. The Company does not expect the outcome of the appeal to the CAFC or the ruling by the USPTO in the re-examination of the Celerity patent to have a material impact on the Company's operating results or cash flows.

From time to time, the Company is also subject to various legal proceedings and claims, either asserted or unasserted, that arise in the ordinary course of business.

**Table of Contents**

**Item 9. *Changes in and Disagreements With Accountants on Accounting and Financial Disclosure***

Not Applicable

**Item 9A. *Controls and Procedures***

**Evaluation of Disclosure Controls and Procedures**

As of the end of the period covered by this Annual Report on Form 10-K, we carried out an evaluation, under the supervision and with the participation of our Disclosure Committee and our management, including the Chief Executive Officer (CEO) and the Chief Financial Officer (CFO), of the effectiveness of the design and operation of our disclosure controls and procedures (Disclosure Controls) pursuant to Exchange Act Rule 13a-15(e). Disclosure Controls are procedures that are designed to ensure that information required to be disclosed in our reports filed under the Securities Exchange Act of 1934, as amended (the Exchange Act), such as this Annual Report on Form 10-K, is recorded, processed, summarized and reported within the time periods specified by the SEC.

The evaluation of our Disclosure Controls included a review of their objectives and design, our implementation of them and their effect on the information generated for use in this Annual Report on Form 10-K. In the course of the controls evaluation, we reviewed any data errors or control problems that we had identified and sought to confirm that appropriate corrective actions, including process improvements, were being undertaken. This type of evaluation is performed on a quarterly basis so that the conclusions of management, including our CEO and CFO, concerning the effectiveness of the Disclosure Controls can be reported in our periodic reports on Form 10-K and Form 10-Q. Many of the components of our Disclosure Controls are also evaluated on an ongoing basis by our finance department. The overall goals of these various evaluation activities are to monitor our Disclosure Controls and to modify them as necessary. We intend to maintain the Disclosure Controls as dynamic systems that we adjust as circumstances merit.

Based on this evaluation, our CEO and CFO concluded that as of December 28, 2007, our Disclosure Controls were effective to provide reasonable assurance that the information required to be disclosed in our SEC reports (i) is recorded, processed, summarized and reported within the time periods specified in SEC rules and forms, and (ii) is accumulated and communicated to our management, including our CEO and CFO, as appropriate to allow timely decisions regarding required disclosure.

We intend to review and evaluate the design and effectiveness of our Disclosure Controls on an ongoing basis and to correct any material deficiencies that we may discover. Our goal is to ensure that our senior management has timely access to material information that could affect our business.

**Management's Report on Internal Control Over Financial Reporting**

Our management is responsible for establishing and maintaining adequate internal control over financial reporting, as such term is defined in Exchange Act Rules 13a-15(f). Under the supervision and with the participation of management, including our CEO and CFO, we conducted an evaluation of the effectiveness of our internal controls over financial reporting based on the framework in *Internal Control - Integrated Framework* issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). Based on our evaluation under the framework in *Internal Control - Integrated Framework*, management has concluded that our internal control over financial reporting was effective as of December 28, 2007 to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external reporting purposes in accordance with U.S. generally accepted accounting principles. As a result of such evaluation, there were no significant changes in our internal controls over financial reporting identified during the most recent fiscal year that materially affected, or are reasonably likely to materially affect, our internal control over financial reporting except for the implementation in the fourth quarter of

2007 of a new enterprise resource planning system (including new accounting software). This change in systems facilitated the integration of the operations in South San Francisco, acquired as part of the acquisition of Sieger in 2006, onto a common platform with our other U.S. operations. As a result, certain business processes and accounting procedures have changed. The decision to change systems was made in order to increase efficiencies within the operations of our business and was not in response to any identified deficiency or weakness in our internal control over financial reporting.

**Table of Contents**

Our internal control over financial reporting as of December 28, 2007 has been audited by Deloitte & Touche LLP, an independent public accounting firm, as stated in the report below.

**Management Certifications**

The certifications of our CEO and CFO required in accordance with Section 302 of the Sarbanes-Oxley Act of 2002 are attached as exhibits to this Annual Report on Form 10-K. The disclosures set forth in this Item 9A contain information concerning (i) the evaluation of our Disclosure Controls referred to in paragraph 4 of the certifications, and (ii) material weaknesses in the design or operation of our internal control over financial reporting referred to in paragraph 5 of the certifications. Those certifications should be read in conjunction with this Item 9A for a more complete understanding of the matters covered by the certifications.

**Inherent Limitations on Effectiveness of Controls**

Our management, including our CEO and CFO, do not expect that our Disclosure Controls or our internal control over financial reporting will prevent all errors and all fraud. A control system, no matter how well conceived and operated, can provide only reasonable, not absolute, assurance that the objectives of the control system are met. Further, the design of a control system must reflect the fact that there are resource constraints, and the benefits of controls must be considered relative to their costs. Because of the inherent limitations in all control systems, no evaluation of controls can provide absolute assurance that all control issues and instances of fraud, if any, within a company have been detected. These inherent limitations include the realities that judgments in decision making can be faulty, and that breakdowns can occur because of a simple error or mistake. Additionally, controls can be circumvented by the individual acts of some persons, by collusion of two or more people or by management override of the controls. The design of any system of controls also is based in part upon certain assumptions about the likelihood of future events, and there can be no assurance that any design will succeed in achieving its stated goals under all potential future conditions; over time, controls may become inadequate because of changes in conditions, or the degree of compliance with policies or procedures may deteriorate. Because of the inherent limitations in a cost-effective control system, misstatements due to error or fraud may occur and not be detected.

**Table of Contents**

**REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

To the Board of Directors and Stockholders of Ultra Clean Holdings, Inc.:

We have audited the internal control over financial reporting of Ultra Clean Holdings, Inc. and its subsidiaries (the Company) as of December 28, 2007, based on the criteria established in *Internal Control – Integrated Framework* issued by the Committee of Sponsoring Organizations of the Treadway Commission. The Company's management is responsible for maintaining effective internal control over financial reporting, and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying Management's Report on Internal Control Over Financial Reporting (Management's Report). Our responsibility is to express an opinion on the Company's internal control over financial reporting based on our audit.

We conducted our audit in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects. Our audit included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, testing and evaluating the design and operating effectiveness of internal control based on the assessed risk, and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.

A company's internal control over financial reporting is a process designed by, or under the supervision of, the company's principal executive and principal financial officers, or persons performing similar functions, and effected by the company's board of directors, management, and other personnel to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Because of the inherent limitations of internal control over financial reporting, including the possibility of collusion or improper management override of controls, material misstatements due to error or fraud may not be prevented or detected on a timely basis. Also, projections of any evaluation of the effectiveness of the internal control over financial reporting to future periods are subject to the risk that the controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

In our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of December 28, 2007, based on the criteria established in *Internal Control – Integrated Framework* issued by the Committee of Sponsoring Organizations of the Treadway Commission.

We have also audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), the consolidated financial statements as of and for the year ended December 28, 2007 of the Company and our report dated March 12, 2008 expressed an unqualified opinion on those consolidated financial statements and included an explanatory paragraph related to the Company's adoption of FASB Interpretation No. 48, *Accounting for Uncertainty in Income Taxes* – an Interpretation of FASB No. 109, effective December 30, 2006, and the Company's adoption of Statement of Financial Accounting Standards No. 123(R), *Share-Based Payment* effective January 1,

2006.

/s/ Deloitte & Touche LLP

San Jose, California

March 12, 2008

**Table of Contents**

**Item 9B. *Other Information***

None.

**PART III**

Pursuant to Paragraph G(3) of the General Instructions to Form 10-K, portions of the information required by Part III of Form 10-K are incorporated by reference from our definitive Proxy Statement to be filed with the SEC in connection with our 2008 Annual Meeting of Stockholders.

**Item 10. *Directors and Executive Officers of the Registrant***

The information required by this item concerning directors, including our audit committee financial expert, is incorporated by reference to the section entitled, *Election of Directors* in our definitive Proxy Statement for the 2008 Annual Meeting of Stockholders.

For information with respect to Executive Officers, see Part I, Item 1 of this Annual Report on Form 10-K, under Executive Officers.

The information required by the item with respect to Section 16(a) beneficial reporting compliance is incorporated by reference to the section entitled, *Section 16(a) Beneficial Ownership Reporting Compliance* in our definitive Proxy Statement for the 2008 Annual Meeting of Stockholders.

We have adopted a code of ethics that is designed to qualify as a *code of ethics* within the meaning of Section 406 of the Sarbanes-Oxley Act of 2002 and the rules promulgated thereunder. This code of ethics is available on our website at *www.uct.com*. To the extent required by law, any amendments to, or waivers from, any provision of the code of ethics will be promptly disclosed to the public. To the extent permitted by such legal requirements, we intend to make such public disclosure by posting the relative material on our website in accordance with SEC rules.

**Item 11. *Executive Compensation***

The information required by this item is incorporated by reference to the sections entitled *Executive Compensation* and *Election of Directors* in the Company's definitive Proxy Statement for the 2008 Annual Meeting of Stockholders.

**Item 12. *Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters***

The information required by this item is incorporated by reference to the sections entitled *Security Ownership of Certain Beneficial Owners and Management* in the Company's definitive Proxy Statement for the 2008 Annual Meeting of Stockholders.

This table summarizes our equity plan information as of December 28, 2007:

(c)  
**Number of  
Securities  
Remaining  
Available**



<b>Plan Category</b>	<b>(a) Number of Securities  to be Issued Upon Exercise of Outstanding Options, Warrants and Rights</b>	<b>(b) Weighted-Average  Exercise Price of Outstanding Options, Warrants  and Rights</b>	<b>for Future Issuance  Under Equity Compensation Plans (Excluding Securities Reflected  in Column (a))</b>
Equity compensation plans approved by security holders:(1)	2,927,336	\$ 8.03	1,217,675
Equity compensation plans not approved by security holders			
<b>Total</b>	<b>2,927,336</b>		<b>1,217,675</b>

(1) Consists of the Amended and Restated Stock Incentive Plan and, for purposes of column (c), the Employee Stock Purchase Plan. The number of shares available under our Amended and Restated Stock Incentive Plan automatically increases each year, beginning January 1, 2005 through January 1, 2014, by an amount equal to

**Table of Contents**

the lesser of (i) 370,228 shares, (ii) 2% of the number of shares of the common stock outstanding on the date of the increase or (iii) an amount determined by the Board of Directors.

**Item 13. *Certain Relationships and Related Transactions***

The information required by this item is incorporated by reference to the section entitled *Certain Relationships and Related Transactions* in the Company's definitive Proxy Statement for the 2008 Annual Meeting of Stockholders.

**Item 14. *Principal Accountant Fees and Services***

The information required by this item is incorporated by reference to the section entitled *Ratification of Independent Accountants* in the Company's definitive Proxy Statement for the 2008 Annual Meeting of Stockholders.

**Table of Contents**

**Part IV**

**Item 15. Exhibits, Financial Statement Schedules**

(a) The following documents are filed as part of this Form 10-K:

1. Financial Statements:

	<b>Form 10-K Page No.</b>
<u>Report of Independent Registered Public Accounting Firm</u>	35
<u>Consolidated Balance Sheets</u>	36
<u>Consolidated Income Statements</u>	37
<u>Consolidated Statements of Stockholders Equity</u>	38
<u>Consolidated Statements of Cash Flows</u>	39
<u>Notes to Consolidated Financial Statements</u>	40

2. Financial statement schedules not listed have been omitted because they are not applicable or required, or the information required to be set forth therein is included in the Consolidated Financial Statements or Notes thereto.

3. Exhibits

**Exhibit Index**

<b>Exhibit</b>	<b>Description</b>
2.1	Agreement and Plan of Merger dated as of October 30, 2002, among Ultra Clean Holdings, Inc., Ultra Clean Technology Systems and Service, Inc., Mitsubishi Corporation, Mitsubishi International Corporation and Clean Merger Company(a)
2.2	Agreement and Plan of Merger and Reorganization dated as of June 29, 2006 by and among Sieger Engineering, Inc., Leonid Mezhvinsky, Ultra Clean Holdings, Inc., Bob Acquisition Inc., Pete Acquisition LLC, Leonid and Inna Mezhvinsky as trustees of the Revocable Trust Agreement of Leonid Mezhvinsky and Inna Mezhvinsky dated April 26, Joe and Jenny Chen as trustees of the Joe Chen and Jenny Chen Revocable Trust dated 2002, Victor Mezhvinsky, Victor Mezhvinsky as trustee of the Joshua Mezhvinsky 2004 Irrevocable Trust under Agreement dated June 4, 2004, David Hongyu Wu and Winnie Wei Zhen Wu as trustees of the Chen Minors Irrevocable Trust, Frank Moreman and Leonid Mezhvinsky as Sellers Agent(i)
3.1	Amended and Restated Certificate of Incorporation of Ultra Clean Holdings, Inc.(c)
3.2	Second Amended and Restated Bylaws of Ultra Clean Holdings, Inc.(c)
4.1	Form of Restricted Securities Purchase Agreement dated November 26, 2002 with Ultra Clean Holdings, Inc.(a)
4.2	Amended and Restated Registration Rights Agreement dated as of June 29, 2006 among Ultra Clean, FP-Ultra Clean L.L.C. and the Sieger Shareholders(i)
4.3	Restricted Stock Purchase Agreement dated as of February 20, 2003 between Ultra Clean Holdings, Inc. and Clarence L. Granger(b)

Edgar Filing: ULTRA CLEAN HOLDINGS INC - Form 10-K

- 10.1 Employment Agreement dated November 15, 2002 between Clarence L. Granger and Ultra Clean Holdings, Inc.(a)
- 10.2 Offer letter dated as of December 7, 2007 between Ultra Clean and David Savage(j)
- 10.3 Agreement to Preserve Corporate Opportunity dated as of June 29, 2006 between Ultra Clean and Leonid Mezhvinsky(i)
- 10.4 Lock-Up Agreement dated as of June 29, 2006 between Ultra Clean and the Sieger Shareholders(i)
- 10.5 Amended and Restated 2003 Stock Incentive Plan(e)
- 10.6 Form of Stock Option Agreement(d)
- 10.7 Loan and Security Agreement dated as of June 29, 2006 among Silicon Valley Bank, Ultra Clean Technology Systems and Service, Inc., Bob Acquisition Inc. and Pete Acquisition LLC(i)
- 10.8 Unconditional Guaranty by Ultra Clean in favor of Silicon Valley Bank dated as of June 29, 2006(i)
- 10.9 Securities Pledge Agreement dated as of June 29, 2006 between Silicon Valley Bank and Ultra Clean(i)

**Table of Contents**

<b>Exhibit</b>	<b>Description</b>
10.10	Intellectual Property Security Agreement dated as of June 29, 2006 between Silicon Valley Bank and Ultra Clean(i)
10.11	Intellectual Property Security Agreement dated as of June 29, 2006 between Silicon Valley Bank and Ultra Clean Technology(i)
10.12	Employee Stock Purchase Plan (Restated as of October 21, 2004)(f)
10.13	Form of Indemnification Agreement between Ultra Clean Holdings, Inc. and each of its directors and executive officers(c)
10.14	Amendment No. 1 to Employment Agreement between Clarence L. Granger and Ultra Clean Holdings, Inc. dated March 2,2004(c)
10.15	Amendment No. 2 to Employment Agreement between Clarence L. Granger and Ultra Clean Holding, Inc. dated May 9, 2005(g)
10.16	Form of Award Agreement(d)
10.17	Severance Policy for Certain Executive Officers
10.18	Form of Restricted Stock Unit Award Agreement
21.1	Subsidiaries of Ultra Clean Holdings, Inc.
23.1	Consent of Independent Registered Public Accounting Firm
24.1	Power of Attorney (included on signature page)
31.1	Certification of Chief Executive Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
31.2	Certification of Chief Financial Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
32.1	Certification of Chief Executive Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
32.2	Certification of Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
(a)	Filed as an exhibit to the Registrant's Registration Statement on Form S-1 (File No. 333-11904), filed January 14, 2004.
(b)	Filed as an exhibit to Amendment No. 1 to the Registrant's Registration Statement on Form S-1/A (File No. 333-11904), filed February 17, 2004.
(c)	Filed as an exhibit to Amendment No. 2 to the Registrant's Registration Statement on Form S-1/A (File No. 333-11904), filed March 7, 2004.
(d)	Filed as an exhibit to Amendment No. 3 to the Registrant's Registration Statement on Form S-1/A (File No. 333-11904), filed March 8, 2004.
(e)	Filed as an exhibit to the Registrant's Registration Statement on Form S-8 (File No. 333-114051), filed March 30, 2004.
(f)	Filed as an exhibit to the Registrant's Quarterly Report on Form 10-Q for the three months ended September 30, 2004.
(g)	Filed as an exhibit to the Registrant's Current Report on Form 8-K, filed May 13, 2005.
(h)	Filed as an exhibit to the Registrant's Current Report on Form 8-K, filed June 22, 2005.

- (i) Filed as an exhibit to the Registrant's Current Report on Form 8-K, filed July 6, 2006.
- (j) Filed as an exhibit to the Registrant's Current Report on Form 8-K, filed December 12, 2007.
- (k) Filed as an exhibit to the Registrant's Current Report on Form 8-K filed February 21, 2008.

**Table of Contents**

**SIGNATURES**

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the Registrant has duly caused this Report to be signed on its behalf by the undersigned, thereunto duly authorized.

Ultra Clean Holdings, Inc.

By: /s/ Clarence L. Granger

Clarence L. Granger  
Chairman & Chief Executive Officer

Date: March 12, 2008

**KNOW ALL PERSONS BY THESE PRESENTS**, that each person whose signature appears below constitutes and appoints Clarence L. Granger and Jack Sexton, and each of them, as his true and lawful attorneys-in-fact and agents, with full power of substitution and re-substitution, for him in any and all capacities, to sign any and all amendments to this Annual Report on Form 10-K and to file the same, with all exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission hereby ratifying and confirming that each of said attorneys-in-fact and agents, or his substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Exchange Act of 1934, this Report has been signed below by the following persons on behalf of the Registrant and in the capacities and on the dates indicated.

<b>Signature</b>	<b>Title</b>	<b>Date</b>
/s/ Clarence L. Granger Clarence L. Granger	Chairman & Chief Executive Officer (Principal Executive Officer) and Director	March 12, 2008
/s/ Jack Sexton Jack Sexton	Vice President and Chief Financial Officer (Principal Financial Officer and Principal Accounting Officer)	March 12, 2008
/s/ Leonid Mezhvinsky Leonid Mezhvinsky	Director	March 12, 2008
/s/ Brian R. Bachman Brian R. Bachman	Director	March 12, 2008
/s/ Susan H. Billat Susan H. Billat	Director	March 12, 2008
/s/ Kevin C. Eichler	Director	March 12, 2008

Kevin C. Eichler

/s/ David T. ibnAle

Director

March 12, 2008

David T. ibnAle

/s/ Thomas M. Rohrs

Director

March 12, 2008

Thomas M. Rohrs



**Table of Contents**

**Exhibit Index**

<b>Exhibit</b>	<b>Description</b>
2.1	Agreement and Plan of Merger dated as of October 30, 2002, among Ultra Clean Holdings, Inc., Ultra Clean Technology Systems and Service, Inc., Mitsubishi Corporation, Mitsubishi International Corporation and Clean Merger Company(a)
2.2	Agreement and Plan of Merger and Reorganization dated as of June 29, 2006 by and among Sieger Engineering, Inc., Leonid Mezhvinsky, Ultra Clean Holdings, Inc., Bob Acquisition Inc., Pete Acquisition LLC, Leonid and Inna Mezhvinsky as trustees of the Revocable Trust Agreement of Leonid Mezhvinsky and Inna Mezhvinsky dated April 26, Joe and Jenny Chen as trustees of the Joe Chen and Jenny Chen Revocable Trust dated 2002, Victor Mezhvinsky, Victor Mezhvinsky as trustee of the Joshua Mezhvinsky 2004 Irrevocable Trust under Agreement dated June 4, 2004, David Hongyu Wu and Winnie Wei Zhen Wu as trustees of the Chen Minors Irrevocable Trust, Frank Moreman and Leonid Mezhvinsky as Sellers Agent(i)
3.1	Amended and Restated Certificate of Incorporation of Ultra Clean Holdings, Inc.(c)
3.2	Second Amended and Restated Bylaws of Ultra Clean Holdings, Inc.(c)
4.2	Form of Restricted Securities Purchase Agreement dated November 26, 2002 with Ultra Clean Holdings, Inc.(a)
4.3	Amended and Restated Registration Rights Agreement dated as of June 29, 2006 among Ultra Clean, FP-Ultra Clean L.L.C. and the Sieger Shareholders(i)
4.4	Restricted Stock Purchase Agreement dated as of February 20, 2003 between Ultra Clean Holdings, Inc. and Clarence L. Granger(b)
10.1	Employment Agreement dated November 15, 2002 between Clarence L. Granger and Ultra Clean Holdings, Inc.(a)
10.2	Offer letter dated as of December 7, 2007 between Ultra Clean and David Savage(j)
10.3	Agreement to Preserve Corporate Opportunity dated as of June 29, 2006 between Ultra Clean and Leonid Mezhvinsky(i)
10.4	Lock-Up Agreement dated as of June 29, 2006 between Ultra Clean and the Sieger Shareholders(i)
10.5	Amended and Restated 2003 Stock Incentive Plan(e)
10.6	Form of Stock Option Agreement(d)
10.7	Loan and Security Agreement dated as of June 29, 2006 among Silicon Valley Bank, Ultra Clean Technology Systems and Service, Inc., Bob Acquisition Inc. and Pete Acquisition LLC(i)
10.8	Unconditional Guaranty by Ultra Clean in favor of Silicon Valley Bank dated as of June 29, 2006(i)
10.9	Securities Pledge Agreement dated as of June 29, 2006 between Silicon Valley Bank and Ultra Clean(i)
10.10	Intellectual Property Security Agreement dated as of June 29, 2006 between Silicon Valley Bank and Ultra Clean(i)
10.11	Intellectual Property Security Agreement dated as of June 29, 2006 between Silicon Valley Bank and Ultra Clean Technology(i)
10.12	Employee Stock Purchase Plan (Restated as of October 21, 2004)(f)
10.13	Form of Indemnification Agreement between Ultra Clean Holdings, Inc. and each of its directors and executive officers(c)
10.14	Amendment No. 1 to Employment Agreement between Clarence L. Granger and Ultra Clean Holdings, Inc. dated March 2,2004(c)
10.15	Amendment No. 2 to Employment Agreement between Clarence L. Granger and Ultra Clean Holding, Inc. dated May 9, 2005(g)
10.16	Form of Award Agreement(d)
10.17	Severance Policy for Certain Executive Officers

- 10.18 Form of Restricted Stock Unit Award Agreement
- 21.1 Subsidiaries of Ultra Clean Holdings, Inc.
- 23.1 Consent of Independent Registered Public Accounting Firm
- 24.1 Power of Attorney (included on signature page)

**Table of Contents**

<b>Exhibit</b>	<b>Description</b>
31.1	Certification of Chief Executive Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
31.2	Certification of Chief Financial Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
32.1	Certification of Chief Executive Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
32.2	Certification of Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
(a)	Filed as an exhibit to the Registrant's Registration Statement on Form S-1 (File No. 333-11904), filed January 14, 2004.
(b)	Filed as an exhibit to Amendment No. 1 to the Registrant's Registration Statement on Form S-1/A (File No. 333-11904), filed February 17, 2004.
(c)	Filed as an exhibit to Amendment No. 2 to the Registrant's Registration Statement on Form S-1/A (File No. 333-11904), filed March 7, 2004.
(d)	Filed as an exhibit to Amendment No. 3 to the Registrant's Registration Statement on Form S-1/A (File No. 333-11904), filed March 8, 2004.
(e)	Filed as an exhibit to the Registrant's Registration Statement on Form S-8 (File No. 333-114051), filed March 30, 2004.
(f)	Filed as an exhibit to the Registrant's Quarterly Report on Form 10-Q for the three months ended September 30, 2004.
(g)	Filed as an exhibit to the Registrant's Current Report on Form 8-K, filed May 13, 2005.
(h)	Filed as an exhibit to the Registrant's Current Report on Form 8-K, filed June 22, 2005.
(i)	Filed as an exhibit to the Registrant's Current Report on Form 8-K, filed July 6, 2006.
(j)	Filed as an exhibit to the Registrant's Current Report on Form 8-K, filed December 12, 2007.
(k)	Filed as an exhibit to the Registrant's Current Report on Form 8-K filed February 21, 2008.