

IROBOT CORP  
Form 10-K  
February 21, 2012  
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**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 31, 2011**

**OR**

**TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

**Commission file no. 000-51598**

**iROBOT CORPORATION**

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

**Delaware**

*(State or other jurisdiction of*

*incorporation or organization)*

**8 Crosby Drive, Bedford, MA**  
*(Address of principal executive offices)*

**77-0259 335**

*(I.R.S. Employer*

*Identification No.)*

**01730**  
*(Zip Code)*

**(781) 430-3000**

**(Registrant's telephone number, including area code)**

**SECURITIES REGISTERED PURSUANT TO SECTION 12(b) OF THE ACT:**

**Common Stock, \$0.01 par value per share      The NASDAQ Stock Market LLC**

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**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

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 whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§ 232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes  No

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K (§ 229.405 of this chapter) 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 in Rule 12b-2 of the Exchange Act). Yes  No

The aggregate market value of the Common Stock held by nonaffiliates of the registrant was approximately \$899,000,000 based on the last reported sale of the Common Stock on the NASDAQ Global Market on July 1, 2011.

As of February 13, 2012, there were 27,328,700 shares of the registrant's Common Stock outstanding.

**DOCUMENTS INCORPORATED BY REFERENCE**

The registrant intends to file a definitive Proxy Statement pursuant to Regulation 14A within 120 days of the end of the fiscal year ended December 31, 2011. Portions of such Proxy Statement are incorporated by reference into Part III of this Form 10-K.

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**iROBOT CORPORATION**  
**ANNUAL REPORT ON FORM 10-K**

**Year Ended December 31, 2011**

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**PART I**

**ITEM 1. BUSINESS**

*This Annual Report on Form 10-K contains forward-looking statements. All statements other than statements of historical facts contained in this Annual Report on Form 10-K, including statements regarding our future results of operations and financial position, business strategy, plans and objectives of management for future operations, and plans for product development and manufacturing are forward-looking statements. These statements involve known and unknown risks, uncertainties and other factors that may cause our actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. We discuss certain of these risks in greater detail in the Risk Factors section and elsewhere in this Annual Report on Form 10-K. Also, these forward-looking statements speak only as of the date of this Annual Report on Form 10-K, and we have no plans to update our forward-looking statements to reflect events or circumstances occurring after the date of this Annual Report. We caution readers not to place undue reliance upon any such forward-looking statements.*

*iRobot, Roomba, Scooba, iRobot Dirt Dog, PackBot, Warrior, FirstLook, Looj, Verro, Create, Virtual Wall, Home Base, and Aware are trademarks of iRobot Corporation.*

**Overview**

iRobot Corporation ( iRobot or the Company or we ) designs and builds robots that make a difference. For over 20 years, we have developed proprietary technology incorporating advanced concepts in navigation, mobility, manipulation and artificial intelligence to build industry-leading robots. Our home care robots perform time-consuming domestic chores while our government and industrial robots perform tasks such as battlefield reconnaissance and bomb disposal, multi-purpose tasks for local police and first responders, and long-endurance oceanic missions. We sell our robots to consumers through a variety of distribution channels, including chain stores and other national retailers, and through our on-line store, and to the U.S. military and other government agencies worldwide. We maintain certifications for AS9100 and Capability Maturity Model Integration, or CMMI, which enable us to service our military products and services.

Since our founding, we have accumulated expertise in all the disciplines necessary to design and build durable, high-performance and cost-effective robots through the close integration of software, electronics and hardware. Our core technologies serve as reusable building blocks that we adapt and expand to develop next generation and new products, reducing the time, cost and risk of product development. Our significant expertise in robot design and engineering, combined with our management team's experience in military and consumer markets, positions us to capitalize on the growth we expect in the market for robot-based products. We believe that the sophisticated technologies in our existing consumer and military applications are adaptable to a broad array of markets such as law enforcement, homeland security, commercial cleaning, elder care, energy services, home automation, healthcare, landscaping, agriculture, construction and other vertical markets.

Over the past nine years, we sold more than 7 million of our home care robots. We also sold during that time more than 4,500 of our tactical military robots, most of which have been sold to the U.S. military and deployed on missions in Afghanistan and Iraq.

**Strategy**

Our goal is to design and market innovative robots that make a difference and are adaptable for use in a broad range of applications. We intend to increase the penetration of our products in existing markets, expand existing products into new markets, and develop and launch new products into current and adjacent markets. Our strategy is to maintain a leadership position by delivering robotic technology-based remote presence and automated home maintenance solutions that delight our customers and anticipate their needs, while extending our technical leadership in the areas of robot autonomy, manipulation and platforms. Remote presence is the core of our military robots which save lives by keeping warfighters at safe standoff distances from hazards while they perform dangerous, difficult and persistent missions. With increasing levels of autonomy, continued mobility

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improvements, more sophisticated sensor suites and advanced human interfaces, remote presence systems will expand in effectiveness and efficiency and reduce the requirements for actual physical operator presence and control. In the area of automated home maintenance, we seek to improve the quality of life with robotic solutions requiring as little human physical intervention as possible. Key elements of our strategy include:

*Leverage Common Platforms and Software.* By committing long-term to a given platform and providing incremental upgrades, we create a valuable installed base that supports third-party development and greatly simplifies service and support. When entering new product areas that cannot be serviced with existing platforms, we intend to develop a multi-generational platform strategy that allows for rapid learning and long-term incremental improvements. Through the use and development of a common software architecture, we intend to create a robot intelligence system of enduring value and build a formidable advantage that stifles competition. Our common software will allow high reuse, reducing development costs of new systems and payloads, as well as reducing development timelines.

*Continued Growth through Profitability, Operational Excellence and Customer Focus.* We intend to consistently improve our profitability through disciplined allocation of resources and by reducing costs of materials, adjusting prices, optimizing our product and channel mix and focusing on our discretionary spending. We will continue to focus on improving the scalability and efficiency of our supply chain process and on mitigating single source supply exposure. We will identify, develop and enhance product features and functionality while also aggressively focusing on product reliability.

*Leverage Research and Development Across Different Products and Markets.* We leverage our research and development across all of our products and markets. For example, we use technological expertise developed through government-funded research and development projects across our other product development efforts. Similarly, expertise developed while designing consumer products is used in designing products for government and industrial applications. This strategy helps us avoid the need to start each robot project from scratch, developing robots in a cost-effective manner and minimizing time to market.

*Continue to Strengthen Our Brand.* Our robots' performance and uniqueness have enabled us to obtain strong word-of-mouth and extensive press coverage leading to increasing brand awareness, brand personality and momentum. We intend to continue to invest in our marketing programs to strengthen our brand recognition and reinforce our message of innovation, reliability, safety and value.

*Complement Core Competencies with Strategic Alliances.* Our core competencies are the design, development and marketing of robots. We rely on strategic alliances to provide complementary competencies that we integrate into our products and to enhance market access. We outsource certain non-core activities, such as manufacturing and back-office functions, which helps us focus our resources on our core competencies.

*Develop a Community of Third-Party Developers Around Our Platforms.* We have developed products around which communities of researchers, third-party developers or robot enthusiasts can create related accessories, software and complementary products. We intend to foster this community by making our products into extensible platforms with open interfaces designed to carry payloads.

## **Technology**

We are focused on behavior-based, artificially-intelligent systems developed to meet customer requirements in multiple market segments. In contrast to robotic manufacturing equipment or entertainment systems that are designed to repeat actions in specific, known environments, our systems are designed to complete missions in complex and dynamic real-world environments.

Our robots rely on the interplay among behavior-based artificially intelligent systems, real-world dynamic sensors, user-friendly interfaces and tightly-integrated, electromechanical designs to accomplish their missions efficiently.

*AWARE Robot Intelligence Systems.* Our proprietary AWARE Robot Intelligence Systems are code bases that enable the behavioral control of robots. Moreover, the AWARE systems include modules that control

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behaviors, sensor fusion, power management and communication. Our AWARE systems allow our Roomba floor vacuuming robot and our Scooba floor washing robot to clean an entire floor while navigating around obstacles and not falling down stairs, and also allow our PackBot robots and our other unmanned ground vehicles to accomplish complex missions such as waypoint navigation and real-time obstacle avoidance.

*Real-World, Dynamic Sensing.* The degree of intelligence that our robots display is directly attributable to their ability to perceive or sense the world around them. Using specialized hardware and signal processing, we have developed sensors that fit particular cost-performance criteria. In other cases, we use off-the-shelf sensing hardware, such as laser scanners, cameras and optical sensors.

*User-Friendly Interfaces.* Our robots allow users to interact and instruct our robots in intuitive ways without extensive end-user set-up, installation, training or instruction. For example, our Roomba robots require only one button to have the robot begin its mission, determine the size of the room to be cleaned, thoroughly clean the room and return to its re-charger, right out of the box without any pre-programmed knowledge of the user's home. Similarly, our PackBot robots use intuitive controllers, interoperable between systems, that integrate high-level supervisory commands from the user into the behaviors of the robot.

*Tightly-Integrated, Electromechanical Design.* Our products rely on our ability to build inherently robust integrated electrical and mechanical components into required form factors. For instance, the computer that powers the PackBot tactical military robot must withstand being dropped from more than ten feet onto concrete. Such high performance specifications require tight design integration.

Combining these four components, we have created proprietary, reusable building blocks of robotics capabilities, including mobility platforms, manipulators, navigation and control algorithms and user interfaces. Our technology building blocks typically allow us to take a known platform and modify it for a new mission instead of starting from scratch for each application. We believe this allows us to design and develop innovative robots cost-effectively.

## **Products and Development Contracts**

We design and market robots for the consumer and government and industrial markets. With two decades of leadership in the robot industry, we remain committed to establishing robot and software platforms for invention and discovery, building key partnerships to develop mission-critical payloads and creating robots that improve the standards of safety and living worldwide.

### ***Consumer Products***

We sell various products that are designed for use in and around the home. Our current consumer products are focused on both indoor and outdoor cleaning applications. We believe our consumer products provide value to our customers by delivering better cleaning solutions at an affordable price and by freeing people from repetitive home cleaning tasks.

We currently offer multiple Roomba floor vacuuming robots with varying price points ranging from \$349 to \$599 based upon performance characteristics. Our Roomba robot's compact disc shape allows it to clean under beds and other furniture, resulting in cleaner floors since the Roomba can access more of the floor than standard upright vacuum cleaners. In addition, Roomba eliminates the need to push a vacuum—it cleans automatically upon the push of a button. The Roomba 700 series robots, introduced in 2011, offers improved debris pick up, a larger debris bin that vigorously pulls debris and hair off brushes into the bin, and dual HEPA air filters that capture dust particles as fine as 0.3 microns.

We currently offer several Scooba floor washing robots with price points ranging from \$279 to \$499. Our Scooba robot's innovative cleaning process allows the robot to simultaneously sweep, wash, scrub and dry hard floors, all at the touch of a button. Unlike a conventional mop that spreads dirty water on the floor, Scooba will apply only fresh water and cleaning solution to the floor from a clean tank. Scooba will clean dirt and grime, is safe for use on all sealed, hard floor surfaces, including wood and tile, and is smart enough to avoid carpet. The Scooba 230, introduced in 2011, is sleek, compact and perfectly sized for hard-to-reach areas like behind bathroom sinks and toilets.

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Our Verro Pool Cleaning Robot is used to clean a residential pool and removes debris as small as two microns from the pool floor, walls and stairs. Verro is brought to market under the iRobot brand through a relationship with the Aqua Products Group companies including AquaJet LLC and Aquatron, Inc., which developed the pool cleaning robots. There are three models available.

Our Looj Gutter Cleaning Robot was designed to simplify the difficult and dangerous job of gutter cleaning. The Looj cleans an entire stretch of gutter, reducing the number of times a ladder must be repositioned and climbed during gutter cleaning. The Looj also features a detachable handle that doubles as a wireless remote control, providing full control of the robot while cleaning.

### ***Government and Industrial Products***

In government and industrial product markets, we currently offer both ground and maritime unmanned vehicles. Our tactical ground robots include the combat-tested 510 PackBot line of small, unmanned ground robots, the 310 SUGV and XM1216 SUGV (Small Unmanned Ground Vehicle) multi-purpose ground robots, the 110 FirstLook small, light, throwable robot, and the 710 Warrior multi-purpose robot capable of carrying heavy payloads. The PackBot, SUGV, FirstLook, and Warrior robots comprise a family of robots using many common platform components and offer our patented flipper technology that enables robots to easily climb stairs, navigate rubble, and penetrate inaccessible areas. These robots are designed to keep war fighters and public safety officials out of harm's way and are designed for high-performance, durability and ease of use while performing search, reconnaissance, mapping, bomb disposal and other dangerous missions. As of December 31, 2011, more than 4,500 robots have been delivered to military and civil defense forces and research communities worldwide. The robots are currently priced between approximately \$20,000 and \$350,000 per unit, depending on configuration and quantities ordered.

We continue to refine the PackBot product line, focusing on enhanced modularity and providing new capabilities to support a variety of mission scenarios. Our unique Aware 2 software is incorporated into the advanced 510 PackBot chassis and operator control unit. As a result, PackBot can support multiple configurations and payloads with the same chassis and operator control unit, providing customers with a single robot capable of performing a variety of missions. iRobot also utilizes Configure-To-Order (CTO) procurement options for our commercial 510 PackBot, allowing customers to tailor the product to their specific mission needs. The combined benefits of the Aware 2 software and CTO procurement options establish the 510 PackBot as a truly modular multi-mission robotic platform.

The 310 and XM1216 SUGVs continue to see strong demand as a family of lightweight, backpackable robots well suited to dismounted operations in Afghanistan. Over 300 310 SUGV mini-EODs were delivered in 2011. The XM1216 SUGV Increment I infantry robot has been fielded in Afghanistan and over 100 units and spares have been delivered. Increment 1 follow-on development efforts continued in 2011 and a successful critical design review was completed in July 2011. Despite the termination of the Brigade Combat Team Modernization (BCTM) program in 2011, the SUGV design improvement work has been continued under a different government contract and is expected to reach production in 2014.

Within our maritime business, the 1KA Seaglider is a long endurance autonomous underwater vehicle designed for oceanic missions to measure temperature, salinity, current profiles and other data for the scientific and research community, military planners, and offshore oil engineers. During 2011, we made significant engineering improvements to the Seaglider, increasing payload volume by 650% and payload mass by 100%. The increased overall payload capacity enabled the integration of a greater suite of sensors, including a Current Profiler, providing invaluable data for the offshore oil & gas industry, and a radiation scintillation sensor enabling the monitoring of water-borne radiation.

### ***Contract Research and Development Projects***

We are involved in several contract development projects with various U.S. governmental agencies and departments. The durations of these projects range from a few months to several years. These projects are usually funded as either cost-plus, firm fixed price, or time and materials contracts. In a cost-plus contract, we are

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allowed to recover our actual costs plus a fixed fee. The total price of a cost-plus contract is based primarily on allowable costs incurred, but generally is subject to a maximum contract funding limit. Under a firm fixed price contract, we receive a fixed amount upon satisfying contractually defined deliverables. On our time and materials contracts, we recover a specific amount per hour worked based on a bill rate schedule, plus the cost of direct materials, subcontracts, and other non-labor costs, including an agreed-upon mark-up. A time and materials contract may provide for a not-to-exceed price ceiling, as well as the potential that we will absorb any cost overrun.

## **Strategic Alliances**

Strategic alliances are an important part of our product development and distribution strategies. We rely on strategic alliances to provide technology, complementary product offerings and increased and quicker access to markets. We seek to form relationships with organizations that can provide best-in-class technology or market advantages for establishing iRobot technology in new market segments. For example, in 2011 we signed a joint development and licensing agreement with InTouch Health, a leading remote presence telemedicine solution provider, to explore potential opportunities for healthcare applications on iRobot platforms such as the iRobot Ava mobile robotics platform.

Our strategy of working closely with third parties extends to the design of our products. By offering extensible platforms designed to carry payloads, we have designed and manufactured our products to leverage the work of those individuals and organizations that offer specialized technological expertise. The PackBot, Warrior, FirstLook, Roomba and Scooba robots are designed with open interfaces that allow third-party developers to add payloads to our robots, improving their functionality.

## **Sales and Distribution Channels**

We sell our products through distinct sales channels to the consumer and government and industrial markets. For the fiscal years ended December 31, 2011, January 1, 2011 and January 2, 2010, sales to non-U.S. customers accounted for 45.5%, 42.1% and 33.3% of total revenue, respectively. For the fiscal year ended December 31, 2011, we generated 10.5% of total revenue from our Japanese distributor of our consumer products, Sales on Demand Corporation. For the fiscal years ended December 31, 2011, January 1, 2011 and January 2, 2010, U.S. federal government orders, contracts and subcontracts accounted for 36.1%, 38.4% and 36.9% of total revenue, respectively. For the fiscal years ended December 31, 2011 and January 1, 2011, we generated 9.4% and 17.4% of total revenue from The Boeing Company as a subcontractor under U.S. federal government contracts. For the year ended December 31, 2011 we generated 23.6% of our revenue from two of our international distributors of consumer products: Sales on Demand Corporation (representing our Japanese market) and Robopolis (one of our European distributors of consumer products).

## ***Home Robots***

In the United States and Canada, we sell our consumer products through a network of national retailers. In 2011, this network consisted of more than 30 retailers which often sell either one or some combination of our products. Certain smaller domestic retail operations are supported by distributors to whom we sell product directly. In support of these sales activities, we maintain an in-house sales and product management team. Outside of the United States and Canada, our products have been sold in more than 40 countries, primarily through a network of in-country distributors who resell to retail stores in their respective countries. These distributors are supported by our international sales and product marketing team.

Our retail and distributor networks are our primary distribution channels for our consumer products. We also offer products direct-to-consumer through our domestic and international on-line stores, representing 9.6% and 11.5% of total home robots division revenue for fiscal 2011 and 2010, respectively. We have established valuable databases and customer lists that allow us to target directly those consumers most likely to purchase a new robot or upgrade. We believe we maintain a close connection with our customers in each of our markets, which provides an enhanced position from which to improve our distribution and product offerings.



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### ***Government and Industrial***

We sell our government and industrial products directly to end users and indirectly through prime contractors and distributors. While the majority of government and industrial products have been sold to date to various operations within the U.S. federal government, we also sell to state and local as well as to international government organizations and research labs and universities. Our military products are sold overseas in compliance with the International Traffic in Arms Regulations, or ITAR. We have sold our products to the governments of various countries in the past several years, including the United Kingdom, France, Germany, Sweden, Norway, Italy, Israel, Australia, Republic of Korea, Singapore, Bosnia, Lithuania, Qatar, Taiwan, South Africa and Canada.

Our government products are sold by a team of sales specialists with significant experience in selling to government and defense agencies. All of these individuals have years of experience selling military products to government procurement offices, both in the United States and internationally. We maintain a direct sales and support presence in Europe.

### ***Customer Service and Support***

We also provide ongoing customer service and support. Consumer customer service representatives, the majority of whom are employees of outsourced service organizations or our distribution partners, are extensively trained on the technical intricacies of our consumer products. Government and industrial customer representatives are usually former military personnel who are experienced in logistical and technical support requirements for military operations.

### **Marketing and Brand**

We market our home robots to end-user customers through our sales and marketing teams as well as through our extensive network of retailers and in-country distributors. We market our government and industrial products directly through our team of government sales specialists to end users and indirectly through prime contractors. Our website is also playing an increasing role in supporting brand awareness, addressing customer questions and serving as a showcase for our products.

Our marketing strategy is to increase our brand awareness and associate the iRobot brand with innovation, reliability, safety and value. Our sales and marketing expenses represented 12.6%, 12.6% and 13.7% of our total revenue in 2011, 2010 and 2009, respectively. We expect to continue to invest in national advertising, consumer and industry trade shows, direct marketing and public relations to further build brand awareness.

We believe that we have built a trusted, recognized brand by providing high-quality robots. We believe that customer word-of-mouth has been a significant driver of our brand's success to date, which can work very well for products that inspire a high level of user loyalty because users are likely to share their positive experiences. Our grass-roots marketing efforts focus on feeding this word-of-mouth momentum and we use public relations as well as advertising to promote our products.

Our innovative robots and public relations campaigns have generated extensive press coverage. In addition, iRobot and our consumer robots have won several awards and our inclusion among the first-tier partners on the U.S. Army's Brigade Combat Team Modernization program has greatly enhanced our brand and awareness among government and industrial customers. Through these efforts, we have been able to build our brand, and we expect that our reputation for innovative products and customer support will continue to play a significant role in our growth and success.

### **Manufacturing**

Our core competencies are the design, development and marketing of robots. Our manufacturing strategy is to outsource non-core competencies, such as the production of our robots, to third-party entities skilled in manufacturing. By relying on the outsourced manufacture of both our consumer and military robots, we can focus our engineering expertise on the design of robots.

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Manufacturing a new product requires a close relationship between our product designers and the manufacturing organizations. Using multiple engineering techniques, our products are introduced to the selected production facility at an early-development stage and the feedback provided by manufacturing is incorporated into the design before tooling is finalized and mass production begins. As a result, we believe that we can significantly reduce the time required to move a product from its design phase to mass production deliveries, with improved quality and yields.

We outsource the manufacturing of our consumer products to three contract manufacturers, each of which manufactures at a single plant in China. Our PackBot, Small Unmanned Ground Vehicle (SUGV) and Maritime families of government and industrial products are each manufactured by separate contract manufacturers located in the United States.

## **Research and Development**

We believe that our future success depends upon our ability to continue to develop new products and product accessories, and enhancements to and applications for our existing products. For the years ended December 31, 2011, January 1, 2011 and January 2, 2010, our research and development expenses were \$36.5 million, \$24.8 million and \$14.7 million, respectively. In addition to our internal research and development activities, for the years ended December 31, 2011, January 1, 2011 and January 2, 2010, we have incurred research and development expenses under funded development arrangements with governments and industrial third parties of \$26.5 million, \$27.1 million and \$30.8 million, respectively. Of our total research and development spending in 2011, 2010 and 2009, approximately 40.2%, 50.4% and 63.9%, respectively was funded by government-sponsored research and development contracts. For the years ended December 31, 2011, January 1, 2011 and January 2, 2010, the combined investment in future technologies, classified as cost of revenue and research and development expense, was \$63.0 million, \$51.9 million and \$45.5 million, respectively. We intend to continue our investment in research and development to respond to and anticipate customer needs, and to enable us to introduce new products over the next few years that will continue to address our existing and adjacent market sectors.

Our research and development is conducted by teams dedicated to particular projects. Our domestic research and development efforts are primarily located at our headquarters in Bedford, Massachusetts, our office in Durham, North Carolina, and our special projects engineering office in San Luis Obispo, California.

Our research and development efforts for our next-generation products are supported by a variety of sources. Our next-generation military products are predominately supported by U.S. governmental research organizations. Government funding is provided to further the development of robot technologies with the expectation that if the projects result in the development of technically viable prototypes, the government will purchase multiple production units for future use in the field. The government funding that we receive allows us to accelerate the development of multiple technologies. While the U.S. government retains certain rights to military projects that it has funded, such as the right to use inventions and disclose technical data relating to those projects without constraining the recipient's use of that data, we retain ownership of patents and know-how and are generally free to develop other commercial products, both consumer and industrial, utilizing the technologies developed during these projects. The rights which the government retains, however, may allow it to provide use of patent rights and know-how to others, and some of the know-how might be used by these third parties for their own development of consumer and industrial products. Similarly, expertise developed while designing consumer products is used in designing products for government and industrial applications. We also work with strategic collaborators to develop industry-specific technologies.

## **Competition**

The market for robots is highly competitive, rapidly evolving and subject to changing technologies, shifting customer needs and expectations and the likely increased introduction of new products. We believe that a number of established companies have developed or are developing robots that will compete directly with our product offerings, and many of our competitors have significantly more financial and other resources than we possess.

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Our competitors include developers of robot floor cleaning products, developers of small unmanned ground vehicles, established government contractors working on unmanned systems, and developers of small unmanned underwater vehicles.

While we believe many of our customers purchase our Roomba floor vacuuming robots and Scooba floor washing robots as a supplement to, rather than a replacement for, their traditional vacuum cleaners and wet floor cleaning methods, we do compete in some cases with providers of traditional cleaning products.

We believe that the principal competitive factors in the market for robots include product features, performance for the intended mission, cost of purchase, total cost of system operation, including maintenance and support, ease of use, integration with existing equipment, quality, reliability, customer support, brand and reputation.

Our ability to remain competitive will depend to a great extent upon our ongoing performance in the areas of product development and customer support. We cannot provide assurance that our products will continue to compete favorably or that we will be successful in the face of increasing competition from new products and enhancements introduced by existing competitors or new companies entering the markets in which we provide products.

## **Intellectual Property**

We believe that our continued success depends in large part on our proprietary technology, the intellectual skills of our employees and the ability of our employees to continue to innovate. We rely on a combination of patent, copyright, trademark and trade secret laws, as well as confidentiality agreements, to establish and protect our proprietary rights.

As of December 31, 2011, we held 97 U.S. patents and more than 175 pending U.S. patent applications. Also, we held 108 foreign patents, additional design registrations, and more than 100 pending foreign applications. Our U.S. patents will begin to expire in 2019. We will continue to file and prosecute patent (or design registration, as applicable) applications when and where appropriate to attempt to protect our rights in our proprietary technologies. We also encourage our employees to continue to invent and develop new technologies so as to maintain our competitiveness in the marketplace. It is possible that our current patents, or patents which we may later acquire, may be successfully challenged or invalidated in whole or in part. It is also possible that we may not obtain issued patents for our pending patent applications or other inventions we seek to protect. In that regard, we sometimes permit certain intellectual property to lapse or go abandoned under appropriate circumstances and due to uncertainties inherent in prosecuting patent applications, sometimes patent applications are rejected and we subsequently abandon them. It is also possible that we may not develop proprietary products or technologies in the future that are patentable, or that any patent issued to us may not provide us with any competitive advantages, or that the patents of others will harm or altogether preclude our ability to do business.

Our registered U.S. trademarks include iRobot, Roomba, Scooba, iRobot Dirt Dog, Create, PackBot, FasTac, Aware, Home Base, Looj, Verro, Virtual Wall, and Warrior. Our marks iRobot, Roomba, Scooba, and certain other trademarks, have also been registered in selected foreign countries.

Our means of protecting our proprietary rights may not be adequate and our competitors may independently develop technology that is similar to ours. Legal protections afford only limited protection for our technology. The laws of many countries do not protect our proprietary rights to as great an extent as do the laws of the United States. Despite our efforts to protect our proprietary rights, unauthorized parties have in the past attempted, and may in the future attempt, to copy aspects of our products or to obtain and use information that we regard as proprietary. Third parties may also design around our proprietary rights, which may render our protected products less valuable, if the design around is favorably received in the marketplace. In addition, if any of our products or the technology underlying our products is covered by third-party patents or other intellectual property rights, we could be subject to various legal actions. We cannot assure you that our products do not infringe patents held by others or that they will not in the future. We have received in the past communications from third parties relating to technologies used in our Roomba floor vacuuming robots that have alleged infringement of

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patents or violation of other intellectual property rights. In response to these communications, we have contacted these third parties to convey our good faith belief that we do not infringe the patents in question or otherwise violate those parties' rights. Although there have been no additional actions or communications with respect to these allegations, we cannot assure you that we will not receive further correspondence from these parties, or not be subject to additional allegations of infringement from others. Litigation may be necessary to enforce our intellectual property rights, to protect our trade secrets, to determine the validity and scope of the proprietary rights of others, or to defend against claims of infringement or invalidity, misappropriation, or other claims. Any such litigation could result in substantial costs and diversion of our resources. Moreover, any settlement of or adverse judgment resulting from such litigation could require us to obtain a license to continue to use the technology that is the subject of the claim, or otherwise restrict or prohibit our use of the technology. Any required licenses may not be available to us on acceptable terms, if at all. If we attempt to design around the technology at issue or to find another provider of suitable alternative technology to permit us to continue offering applicable software or product solutions, our continued supply of software or product solutions could be disrupted or our introduction of new or enhanced software or products could be significantly delayed.

### **Regulations**

We are subject to various government regulations, including various U.S. federal government regulations as a contractor and subcontractor to the U.S. federal government. Among the most significant U.S. federal government regulations affecting our business are:

the Federal Acquisition Regulations and supplemental agency regulations, which comprehensively regulate the formation and administration of, and performance under government contracts;

the Truth in Negotiations Act, which requires certification and disclosure of all cost and pricing data in connection with contract negotiations;

the Cost Accounting Standards, which impose accounting requirements that govern our right to reimbursement under cost-based government contracts;

the Foreign Corrupt Practices Act, which prohibits U.S. companies from providing anything of value to a foreign official to help obtain, retain or direct business, or obtain any unfair advantages;

the False Claims Act and the False Statements Act, which, respectively, impose penalties for payments made on the basis of false facts provided to the government, and impose penalties on the basis of false statements, even if they do not result in a payment; and

laws, regulations and executive orders restricting the use and dissemination of information classified for national security purposes and the exportation of certain products and technical data.

We also need special security clearances to continue working on and advancing certain of our projects with the U.S. federal government. Classified programs generally will require that we comply with various Executive Orders, federal laws and regulations and customer security requirements that may include restrictions on how we develop, store, protect and share information, and may require our employees to obtain government clearances.

The nature of the work we do for the federal government may also limit the parties who may invest in or acquire us. Export laws may keep us from providing potential foreign acquirers with a review of the technical data they would be acquiring. In addition, there are special requirements for foreign parties who wish to buy or acquire control or influence over companies that control technology or produce goods in the security interests of the United States. There may need to be a review under the Exon-Florio provisions of the Defense Production Act. Finally, the government may require a prospective foreign owner to establish intermediaries to actually run that part of the company that does classified work, and establishing a subsidiary and its separate operation may make such an acquisition less appealing to such potential acquirers.

In addition, the export from the United States of many of our products may require the issuance of a license by the U.S. Department of Commerce under the Export Administration Act, as amended, and its implementing Regulations as kept in force by the International Emergency

Economic Powers Act of 1977, as amended. Some

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of our products may require the issuance of a license by the U.S. Department of State under the Arms Export Control Act and its implementing Regulations, which licenses are generally harder to obtain and take longer to obtain than do Export Administration Act licenses.

Our business may require the compliance with state or local laws designed to limit the uses of personal user information gathered online or require online services to establish privacy policies.

## **Government and Industrial Product Backlog**

Our government and industrial product backlog consists of written orders or contracts to purchase our products received from our government and industrial customers. Total backlog of product sales to government and industrial customers, which includes federal, state, local and foreign governments, and non-government customers, as of December 31, 2011 and January 1, 2011 amounted to approximately \$7.6 million and \$23.9 million, respectively. Our funded research and development contracts may be cancelled or delayed at any time without significant, if any, penalty. As a result, we believe that backlog with respect to our funded research and development is not meaningful. There can be no assurance that any of our backlog will result in revenue.

## **Employees**

As of December 31, 2011, we had 619 full-time employees located in the United States and abroad, of whom 257 are in research and development, 153 are in operations, 86 are in sales and marketing and 123 are in general and administration. We believe that we have a good relationship with our employees.

## **Available Information**

We were incorporated in California in August 1990 under the name IS Robotics, Inc. and reincorporated as IS Robotics Corporation in Massachusetts in June 1994. We reincorporated in Delaware as iRobot Corporation in December 2000. We conduct operations and maintain a number of subsidiaries in the United States and abroad, including operations in Hong Kong, the United Kingdom and China. We also maintain iRobot Securities Corporation, a Massachusetts securities corporation, to invest our cash balances on a short-term basis. Our website address is [www.irobot.com](http://www.irobot.com). Our Annual Report on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K and amendments to those reports filed or furnished pursuant to Section 13(a) or 15(d) of the Securities Exchange Act of 1934 are available free of charge through the investor relations page of our internet website as soon as reasonably practicable after we electronically file such material with, or furnish it to, the Securities and Exchange Commission.

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### **ITEM 1A. RISK FACTORS**

We operate in a rapidly changing environment that involves a number of risks, some of which are beyond our control. This discussion highlights some of the risks which may affect future operating results. These are the risks and uncertainties we believe are most important for you to consider. Additional risks and uncertainties not presently known to us, which we currently deem immaterial or which are similar to those faced by other companies in our industry or business in general, may also impair our business operations. If any of the following risks or uncertainties actually occurs, our business, financial condition and operating results would likely suffer.

#### **Risks Related to Our Business**

*We operate in an emerging market, which makes it difficult to evaluate our business and future prospects.*

Robots represent a new and emerging market. Accordingly, our business and future prospects are difficult to evaluate. We cannot accurately predict the extent to which demand for consumer robots will increase, if at all. Moreover, there are only a limited number of major programs under which the U.S. federal government is currently funding the development or purchase of military robots. You should consider the challenges, risks and uncertainties frequently encountered by companies using new and unproven business models in rapidly evolving markets. These challenges include our ability to:

generate sufficient revenue and gross margin to maintain profitability;

acquire and maintain market share in our consumer and military markets;

attract and retain customers of our consumer robots;

develop and renew government contracts for our military robots;

attract and retain additional engineers and other highly-qualified personnel;

expand our product offerings beyond our existing robots; and

adapt to new or changing policies and spending priorities of governments and government agencies.

If we fail to successfully address these and other challenges, risks and uncertainties, our business, results of operations and financial condition would be materially harmed.

*Our financial results often vary significantly from quarter-to-quarter due to a number of factors, which may lead to volatility in our stock price.*

Our quarterly revenue and other operating results have varied in the past and are likely to continue to vary significantly from quarter-to-quarter. These fluctuations will be due to numerous factors including:

the size and timing of orders from military and other government agencies;

the size, timing and mix of orders from retail stores and international distributors for our home care robots;

the mix of products that we sell in the period;

disruption of supply of our products from our manufacturers;

seasonality in the sales of our military and consumer products;

the inability to attract and retain qualified, revenue-generating personnel;

unanticipated costs incurred in the introduction of new products;

costs and availability of labor and raw materials;

costs of freight;

changes in our rate of returns for our consumer products;



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our ability to introduce new products and enhancements to our existing products on a timely basis;

warranty costs associated with our consumer products;

the amount of government funding and the political, budgetary and purchasing constraints of our government agency customers; and

cancellations, delays or contract amendments by government agency customers.

We cannot be certain that our revenues will grow at rates that will allow us to maintain profitability during every fiscal quarter, or even every fiscal year. We base our current and future expense levels on our internal operating plans and sales forecasts, including forecasts of holiday sales for our consumer products. A significant portion of our operating expenses, such as research and development expenses, certain marketing and promotional expenses and employee wages and salaries, do not vary directly with sales and are difficult to adjust in the short term. As a result, if sales for a quarter, particularly the final quarter of a fiscal year, are below our expectations, we might not be able to reduce operating expenses for that quarter and, therefore, we would not be able to reduce our operating expenses for the fiscal year. Accordingly, a sales shortfall during a fiscal quarter, and in particular the fourth quarter of a fiscal year, could have a disproportionate effect on our operating results for that quarter or that year. Because of quarterly fluctuations, we believe that quarter-to-quarter comparisons of our operating results are not necessarily meaningful. Moreover, our operating results may not meet expectations of equity research analysts or investors. If this occurs, the trading price of our common stock could fall substantially either suddenly or over time.

***Global economic conditions and any associated impact on consumer spending could have a material adverse effect on our business, results of operations and financial condition.***

Continued economic uncertainty and reductions in consumer spending may result in reductions in sales of our consumer robots. Additionally, disruptions in credit markets may materially limit consumer credit availability and restrict credit availability of our retail customers, which would also impact purchases of our consumer robots. Any reduction in sales of our consumer robots, resulting from reductions in consumer spending or continued disruption in the availability of credit to retailers or consumers, could materially and adversely affect our business, results of operations and financial condition.

***A significant portion of our business currently depends on our consumer robots, and our sales growth and operating results would be negatively impacted if we are unable to enhance our current consumer robots or develop new consumer robots at competitive prices or in a timely manner, or if the consumer robot market does not achieve broad market acceptance.***

For the years ended December 31, 2011 and January 1, 2011, we derived 59.8% and 57.2% of our total revenue from our consumer robots, respectively. For the foreseeable future, we expect that a significant portion of our revenue will be derived from sales of consumer robots in general and home floor care products in particular. Accordingly, our future success depends upon our ability to further penetrate the consumer home care market, to enhance our current consumer products and develop and introduce new consumer products offering enhanced performance and functionality at competitive prices. The development and application of new technologies involve time, substantial costs and risks. Our inability to achieve significant sales of our newly introduced robots, or to enhance, develop and introduce other products in a timely manner, or at all, would materially harm our sales growth and operating results.

Even if consumer robots gain wide market acceptance, our robots may not adequately address market requirements and may not continue to gain market acceptance. If robots generally, or our robots specifically, do not gain wide market acceptance, we may not be able to achieve our anticipated level of growth, and our revenue and results of operations would suffer.

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***We depend on the U.S. federal government for a significant portion of our revenue, and any reduction in the amount of business that we do with the U.S. federal government would negatively impact our operating results and financial condition.***

For the years ended December 31, 2011 and January 1, 2011, we derived 36.1% and 38.4% of our total revenue, respectively, directly or indirectly, from the U.S. federal government and its agencies. Any reduction in the amount of revenue that we derive from a limited number of U.S. federal government agencies without an offsetting increase in new sales to other customers would have a material adverse effect on our operating results. U.S. Government programs in which we participate, or in which we may seek to participate in the future, must compete with other programs for consideration during our nation's budget formulation and appropriation processes, and may be affected by changes in general economic conditions. Budget decisions made in this environment may have long-term consequences for our size and structure and that of the defense industry. It is possible that one or more of our programs will be reduced, extended, or terminated. Reductions in our existing programs, unless offset by other programs and opportunities, could adversely affect our ability to grow our sales and profitability.

Specifically, the defense industry in which we operate is dependent upon the level of equipment expenditures by the armed forces of countries throughout the world, and especially those of the United States, which represents a significant portion of world-wide defense expenditures. The war on terror has increased the level of equipment expenditures by the U.S. armed forces. This level of spending may not be sustainable in light of government spending priorities by the U.S. and the winding down of U.S. armed forces operations in Iraq and Afghanistan. In addition, as a result of the failure of the Joint Select Committee on Deficit Reduction (Super Committee) to agree on a deficit reduction plan, mandatory reductions in defense are required under the Budget Control Act of 2011. The extent and scope of these cuts is difficult to assess at this time. Any decrease in demand for new equipment or use of existing equipment will likely result in a decrease in demand of our products and services, and correspondingly, our revenues, thereby adversely affecting our business, financial condition and results of operations.

Our participation in specific major U.S. federal government programs is critical to both the development and sale of our military robots. For example, in the years ended December 31, 2011 and January 1, 2011, 63.2% and 62.7% of our total contract revenue was derived from our participation in the U.S. Army's BCTM program, respectively. The BCTM program was terminated in 2011 and additional work related to this program is currently funded on an interim basis. Future sales of our military robots will depend largely on our ability to secure contracts with the U.S. military under its robot programs. We expect that there will continue to be only a limited number of major programs under which U.S. federal government agencies will seek to fund the development of, or purchase, robots. Our business will, therefore, suffer if we are not awarded, either directly or indirectly through third-party contractors, government contracts for robots that we are qualified to develop or build. In addition, if the U.S. federal government or government agencies terminate or reduce the related prime contract under which we serve as a subcontractor, revenues that we derive under that contract could be lost, which would negatively impact our business and financial results. Moreover, it is difficult to predict the timing of the award of government contracts and our revenue could fluctuate significantly based on the timing of any such awards.

Even if we continue to receive funding for research and development under these contracts, there can be no assurance that we will successfully complete the development of robots pursuant to these contracts or that, if successfully developed, the U.S. federal government or any other customer will purchase these robots from us. The U.S. federal government has the right when it contracts to use the technology developed by us to have robots supplied by third parties. Any failure by us to complete the development of these robots, or to achieve successful sales of these robots, would harm our business and results of operations. Our business and results of operations could be negatively affected by significant changes in the policies and spending priorities of governments and government agencies. Many of our government customers are subject to stringent budgetary constraints and our continued performance under these contracts, or award of additional contracts from these agencies, could be jeopardized by spending reductions or budget cutbacks at these agencies.

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***Our contracts with the U.S. federal government contain certain provisions that may be unfavorable to us and subject us to government audits, which could materially harm our business and results of operations.***

Our contracts and subcontracts with the U.S. federal government subject us to certain risks and give the U.S. federal government rights and remedies not typically found in commercial contracts, including rights that allow the U.S. federal government to:

terminate contracts for convenience, in whole or in part, at any time and for any reason;

reduce or modify contracts or subcontracts if its requirements or budgetary constraints change;

cancel multi-year contracts and related orders if funds for contract performance for any subsequent year become unavailable;

exercise production priorities, which allow it to require that we accept government purchase orders or produce products under its contracts before we produce products under other contracts, which may displace or delay production of more profitable orders;

claim certain rights in products provided by us; and

control or prohibit the export of certain of our products.

Several of our prime contracts with the U.S. federal government do not contain a limitation of liability provision, creating a risk of responsibility for direct and consequential damages. Several subcontracts with prime contractors hold the prime contractor harmless against liability that stems from our work and do not contain a limitation of liability. These provisions could cause substantial liability for us, especially given the use to which our products may be put.

In addition, we are subject to audits by the U.S. federal government as part of routine audits of government contracts. As part of an audit, these agencies may review our performance on contracts, cost structures and compliance with applicable laws, regulations and standards. If any of our costs are found to be allocated improperly to a specific contract, the costs may not be reimbursed and any costs already reimbursed for such contract may have to be refunded. Accordingly, an audit could result in a material adjustment to our revenue and results of operations. Moreover, if an audit uncovers improper or illegal activities, we may be subject to civil and criminal penalties and administrative sanctions, including termination of contracts, forfeiture of profits, suspension of payments, fines and suspension or debarment from doing business with the government.

If any of the foregoing were to occur, or if the U.S. federal government otherwise ceased doing business with us or decreased the amount of business with us, our business and operating results could be materially harmed and the value of your investment in our common stock could be impaired.

***Some of our contracts with the U.S. federal government allow it to use inventions developed under the contracts and to disclose technical data to third parties, which could harm our ability to compete.***

Some of our contracts allow the U.S. federal government rights to use, or have others use, patented inventions developed under those contracts on behalf of the government. Some of the contracts allow the federal government to disclose technical data without constraining the recipient in how that data is used. The ability of third parties to use patents and technical data for government purposes creates the possibility that the government could attempt to establish additional sources for the products we provide that stem from these contracts. It may also allow the government the ability to negotiate with us to reduce our prices for products we provide to it. The potential that the government may release some of the technical data without constraint creates the possibility that third parties may be able to use this data to compete with us in the commercial sector.

*We depend on single source manufacturers, and our reputation and results of operations would be harmed if these manufacturers fail to meet our requirements.*

We currently depend largely on several single source contract manufacturers, for the manufacture of our various families of home care and government products. All contract manufacturers for our home robots are located in China. These manufacturers supply substantially all of the raw materials and provide all facilities and

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labor required to manufacture our products. If these companies were to terminate their arrangements with us or fail to provide the required capacity and quality on a timely basis, we would be unable to manufacture our products until replacement contract manufacturing services could be obtained or volume transferred to an alternative manufacturing partner, each of which is a costly and time-consuming process. We cannot assure you that we would be able to establish alternative manufacturing arrangements on acceptable terms or in a timely manner.

Our reliance on these contract manufacturers involves certain risks, including the following:

lack of direct control over production capacity and delivery schedules;

lack of direct control over quality assurance, manufacturing yields and production costs;

lack of enforceable contractual provisions over the production and costs of consumer products;

risk of loss of inventory while in transit;

risks associated with international commerce, including unexpected changes in legal and regulatory requirements, changes in tariffs and trade policies, risks associated with the protection of intellectual property and political and economic instability; and

our attempts to add additional manufacturing resources may be significantly delayed and thereby create disruptions in production of our products.

Any interruption in the manufacture of our products would be likely to result in delays in shipment, lost sales and revenue and damage to our reputation in the market, all of which would harm our business and results of operations. In addition, while our contract obligations with our contract manufacturers in China are typically denominated in U.S. dollars, changes in currency exchange rates could impact our suppliers and increase our prices.

***Any efforts to expand our product offerings beyond our current markets may not succeed, which could negatively impact our operating results.***

We have focused on selling our robots in the home floor care and military markets. We plan to expand into other markets. Efforts to expand our product offerings beyond the markets that we currently serve, however, may divert management resources from existing operations and require us to commit significant financial resources to an unproven business, either of which could significantly impair our operating results. Moreover, efforts to expand beyond our existing markets may never result in new products that achieve market acceptance, create additional revenue or become profitable.

***If we fail to maintain or increase consumer robot sales through our distribution channels, our operating results would be negatively impacted.***

We do not have long-term contracts regarding purchase volumes with any of our retail partners. As a result, purchases generally occur on an order-by-order basis, and the relationships, as well as particular orders, can generally be terminated or otherwise materially changed at any time by our retail partners. A decision by a major retail partner, whether motivated by competitive considerations, financial difficulties, economic conditions or otherwise, to decrease its purchases from us, to reduce the shelf space for our products or to change its manner of doing business with us could significantly damage our consumer product sales and negatively impact our business, financial condition and results of operations. In addition, during recent years, various retailers, including some of our partners, have experienced significant changes and difficulties, including consolidation of ownership, increased centralization of purchasing decisions, restructurings, bankruptcies and liquidations. These and other financial problems of some of our retailers increase the risk of extending credit to these retailers. A significant adverse change in a retail partner relationship with us or in a retail partner's financial position could cause us to limit or discontinue business with that partner, require us to assume more credit risk relating to that partner's receivables or limit our ability to collect amounts related to previous purchases by that partner,

all of which could harm our business and financial condition. Disruption of the iRobot on-line store could also decrease our home care robot sales.

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***We face intense competition from other providers of robots, including diversified technology providers, as well as competition from providers offering alternative products, which could negatively impact our results of operations and cause our market share to decline.***

We believe that a number of companies have developed or are developing robots that will compete directly with our product offerings. Additionally, large and small companies, government-sponsored laboratories and universities are aggressively pursuing contracts for robot-focused research and development. Many current and potential competitors have substantially greater financial, marketing, research and manufacturing resources than we possess, and there can be no assurance that our current and future competitors will not be more successful than us. Moreover, while we believe many of our customers purchase our floor vacuuming robots as a supplement to, rather than a replacement for, their traditional vacuum cleaners; we also compete in some cases with providers of traditional vacuum cleaners. Our competitors include developers of robot floor cleaning products, developers of small unmanned ground vehicles, established government contractors working on unmanned systems, and developers of small unmanned underwater vehicles.

The market for robots is highly competitive, rapidly evolving and subject to changing technologies, shifting customer needs and expectations and the likely increased introduction of new products. Our ability to remain competitive will depend to a great extent upon our ongoing performance in the areas of product development and customer support.

In the event that the robot market expands, we expect that competition will intensify as additional competitors enter the market and current competitors expand their product lines. Companies competing with us may introduce products that are competitively priced, have increased performance or functionality, or incorporate technological advances that we have not yet developed or implemented. Increased competitive pressure could result in a loss of sales or market share or cause us to lower prices for our products, any of which would harm our business and operating results.

We cannot assure you that our products will continue to compete favorably or that we will be successful in the face of increasing competition from new products and enhancements introduced by existing competitors or new companies entering the markets in which we provide products. Our failure to compete successfully could cause our revenue and market share to decline, which would negatively impact our results of operations and financial condition.

***If critical components of our products that we currently purchase from a small number of suppliers become unavailable, we may incur delays in shipment, which could damage our business.***

We and our outsourced manufacturers obtain hardware components, various subsystems, raw materials and batteries from a limited group of suppliers, some of which are sole suppliers. We do not have any long-term agreements with these suppliers obligating them to continue to sell components or products to us. If we or our outsourced manufacturers are unable to obtain components from third-party suppliers in the quantities and of the quality that we require, on a timely basis and at acceptable prices, we may not be able to deliver our products on a timely or cost-effective basis to our customers, which could cause customers to terminate their contracts with us, reduce our gross margin and seriously harm our business, results of operations and financial condition. Moreover, if any of our suppliers become financially unstable, we may have to find new suppliers. It may take several months to locate alternative suppliers, if required, or to re-tool our products to accommodate components from different suppliers. We may experience significant delays in manufacturing and shipping our products to customers and incur additional development, manufacturing and other costs to establish alternative sources of supply if we lose any of these sources. We cannot predict if we will be able to obtain replacement components within the time frames that we require at an affordable cost, or at all.

***Our products are complex and could have unknown defects or errors, which may give rise to claims against us, diminish our brand or divert our resources from other purposes.***

Our robots rely on the interplay among behavior-based artificially intelligent systems, real-world dynamic sensors, user-friendly interfaces and tightly-integrated, electromechanical designs to accomplish their missions. Despite testing, our new or existing products have contained defects and errors and may in the future contain

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defects, errors or performance problems when first introduced, when new versions or enhancements are released, or even after these products have been used by our customers for a period of time. These problems could result in expensive and time-consuming design modifications or warranty charges, delays in the introduction of new products or enhancements, significant increases in our service and maintenance costs, exposure to liability for damages, mandatory or voluntary recall or product upgrades, damaged customer relationships and harm to our reputation, any of which could materially harm our results of operations and ability to achieve market acceptance. Our quality control procedures relating to the raw materials and components that it receives from third-party suppliers as well as our quality control procedures relating to its products after those products are designed, manufactured and packaged may not be sufficient. In addition, increased development and warranty costs, including the costs of any mandatory or voluntary recall, could be substantial and could reduce our operating margins. Moreover, because military robots are used in dangerous situations, the failure or malfunction of any of these robots, including our own, could significantly damage our reputation and support for robot solutions in general. The existence of any defects, errors, or failures in our products could also lead to product liability claims or lawsuits against us. A successful product liability claim could result in substantial cost, diminish our brand and divert management's attention and resources, which could have a negative impact on our business, financial condition and results of operations.

*If we are unable to attract and retain additional skilled personnel, we may be unable to grow our business.*

To execute our growth plan, we must attract and retain additional, highly-qualified personnel. Competition for hiring these employees is intense, especially with regard to engineers with high levels of experience in designing, developing and integrating robots. Many of the companies with which we compete for hiring experienced employees have greater resources than we have. If we fail to attract new technical personnel or fail to retain and motivate our current employees, our business and future growth prospects could be severely harmed.

*We may be sued by third parties for alleged infringement of their proprietary rights, which could be costly, time-consuming and limit our ability to use certain technologies in the future.*

If the size of our markets increases, we would be more likely to be subject to claims that our technologies infringe upon the intellectual property or other proprietary rights of third parties. In addition, the vendors from which we license technology used in our products could become subject to similar infringement claims. Our vendors, or we, may not be able to withstand third-party infringement claims. Any claims, with or without merit, could be time-consuming and expensive, and could divert our management's attention away from the execution of our business plan. Moreover, any settlement or adverse judgment resulting from the claim could require us to pay substantial amounts or obtain a license to continue to use the technology that is the subject of the claim, or otherwise restrict or prohibit our use of the technology. There can be no assurance that we would be able to obtain a license from the third party asserting the claim on commercially reasonable terms, if at all, that we would be able to develop alternative technology on a timely basis, if at all, or that we would be able to obtain a license to use a suitable alternative technology to permit us to continue offering, and our customers to continue using, our affected product. In addition, we may be required to indemnify our retail and distribution partners for third-party intellectual property infringement claims, which would increase the cost to us of an adverse ruling in such a claim. An adverse determination could also prevent us from offering our products to others. Infringement claims asserted against us or our vendors may have a material adverse effect on our business, results of operations or financial condition.

*If we fail to protect, or incur significant costs in defending, our intellectual property and other proprietary rights, our business and results of operations could be materially harmed.*

Our success depends on our ability to protect our intellectual property and other proprietary rights. We rely primarily on patents, trademarks, copyrights, trade secrets and unfair competition laws, as well as license agreements and other contractual provisions, to protect our intellectual property and other proprietary rights. Significant technology used in our products, however, is not the subject of any patent protection, and we may be unable to obtain patent protection on such technology in the future. Moreover, existing U.S. legal standards



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relating to the validity, enforceability and scope of protection of intellectual property rights offer only limited protection, may not provide us with any competitive advantages, and may be challenged by third parties. In addition, the laws of countries other than the United States in which we market our products may afford little or no effective protection of our intellectual property. Accordingly, despite our efforts, we may be unable to prevent third parties from infringing upon or misappropriating our intellectual property or otherwise gaining access to our technology. Unauthorized third parties may try to copy or reverse engineer our products or portions of our products or otherwise obtain and use our intellectual property. Some of our contracts with the U.S. federal government allow the federal government to disclose technical data regarding the products developed on behalf of the government under the contract without constraining the recipient on how it is used. This ability of the government creates the potential that third parties may be able to use this data to compete with us in the commercial sector. If we fail to protect our intellectual property and other proprietary rights, our business, results of operations or financial condition could be materially harmed.

In addition, defending our intellectual property rights may entail significant expense. We believe that certain products in the marketplace may infringe our existing intellectual property rights. We have, from time to time, resorted to legal proceedings to protect our intellectual property and may continue to do so in the future. We may be required to expend significant resources to monitor and protect our intellectual property rights. Any of our intellectual property rights may be challenged by others or invalidated through administrative processes or litigation. If we resort to legal proceedings to enforce our intellectual property rights or to determine the validity and scope of the intellectual property or other proprietary rights of others, the proceedings could result in significant expense to us and divert the attention and efforts of our management and technical employees, even if we were to prevail.

***If we fail to enhance our brand, our ability to expand our customer base will be impaired and our operating results may suffer.***

We believe that developing and maintaining awareness of the iRobot brand is critical to achieving widespread acceptance of our existing and future products and is an important element in attracting new customers. Furthermore, we expect the importance of global brand recognition to increase as competition develops. If customers do not perceive our products to be of high quality, our brand and reputation could be harmed, which could adversely impact our financial results. In addition, brand promotion efforts may not yield significant revenue or increased revenue sufficient to offset the additional expenses incurred in building our brand.

***We depend on the experience and expertise of our senior management team and key technical employees, and the loss of any key employee may impair our ability to operate effectively.***

Our success depends upon the continued services of our senior management team and key technical employees, such as our project management personnel and senior engineers. Moreover, we often must comply with provisions in government contracts that require employment of persons with specified levels of education and work experience. Each of our executive officers, key technical personnel and other employees could terminate his or her relationship with us at any time. The loss of any member of our senior management team might significantly delay or prevent the achievement of our business objectives and could materially harm our business and customer relationships. In addition, because of the highly technical nature of our robots, the loss of any significant number of our existing engineering and project management personnel could have a material adverse effect on our business and operating results.

***We are subject to extensive U.S. federal government regulation, and our failure to comply with applicable regulations could subject us to penalties that may restrict our ability to conduct our business.***

As a contractor and subcontractor to the U.S. federal government, we are subject to and must comply with various government regulations that impact our operating costs, profit margins and the internal organization and operation of our business. Among the most significant regulations affecting our business are:

the Federal Acquisition Regulations and supplemental agency regulations, which comprehensively regulate the formation and administration of, and performance under government contracts;

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the Truth in Negotiations Act, which requires certification and disclosure of all cost and pricing data in connection with contract negotiations;

the Cost Accounting Standards, which impose accounting requirements that govern our right to reimbursement under cost-based government contracts;

the Foreign Corrupt Practices Act, which prohibits U.S. companies from providing anything of value to a foreign official to help obtain, retain or direct business, or obtain any unfair advantage;

the False Claims Act and the False Statements Act, which, respectively, impose penalties for payments made on the basis of false facts provided to the government, and impose penalties on the basis of false statements, even if they do not result in a payment;

laws, regulations and executive orders restricting the use and dissemination of information classified for national security purposes and the exportation of certain products and technical data;

Certain contracts from the U.S. federal government may require us to maintain certain certifications including but not limited to AS9100 and CMMI;

Contractor Purchasing Systems review (CPSR) requirements, which evaluate the efficiency and effectiveness with which we spend U.S. Government funds; and

The sale of our products in countries outside the United States is regulated by the governments of those countries. While compliance with such regulation will generally be undertaken by international distributors, we may assist with such compliance and in certain cases may be liable if a distributor fails to comply.

We must comply with U.S. laws regulating the export of our products. In addition, we are required to obtain a license from the U.S. federal government to export our PackBot, Warrior, FirstLook and SUGV lines of tactical military robots. We cannot be sure of our ability to obtain any licenses required to export our products or to receive authorization from the U.S. federal government for international sales or domestic sales to foreign persons. Moreover, the export regimes and the governing policies applicable to our business are subject to change. We cannot assure you of the extent that such export authorizations will be available to us, if at all, in the future. In some cases where we act as a subcontractor, we rely upon the compliance activities of our prime contractors, and we cannot assure you that they have taken or will take all measures necessary to comply with applicable export laws. If we or our prime contractor partners cannot obtain required government approvals under applicable regulations in a timely manner or at all, we would be delayed or prevented from selling our products in international jurisdictions, which could materially harm our business, operating results and ability to generate revenue.

Also, we need special clearances to continue working on and advancing certain of our projects with the U.S. federal government. Obtaining and maintaining security clearances for employees involves a lengthy process, and it is difficult to identify, recruit and retain employees who already hold security clearances. If our employees are unable to obtain security clearances in a timely manner, or at all, or if our employees who hold security clearances are unable to maintain the clearances or terminate employment with us, then a customer requiring classified work could terminate the contract or decide not to renew it upon its expiration. In addition, we expect that many of the contracts on which we will bid will require us to demonstrate our ability to obtain facility security clearances and employ personnel with specified types of security clearances. To the extent we are not able to obtain facility security clearances or engage employees with the required security clearances for a particular contract, we may not be able to bid on or win new contracts, or effectively rebid on expiring contracts. Classified programs generally will require that we comply with various Executive Orders, federal laws and regulations and customer security requirements that may include restrictions on how we develop, store, protect and share information, and may require our employees to obtain government clearances.

Our failure to comply with applicable regulations, rules and approvals could result in the imposition of penalties, the loss of our government contracts or our suspension or debarment from contracting with the federal government generally, any of which would harm our business, financial condition and results of operations.



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***Acquisitions and potential future acquisitions could be difficult to integrate, divert the attention of key personnel, disrupt our business, dilute stockholder value and impair our financial results.***

As part of our business strategy, we intend to consider additional acquisitions of companies, technologies and products that we believe could accelerate our ability to compete in our core markets or allow us to enter new markets. Acquisitions and combinations are accompanied by a number of risks, including the difficulty of integrating the operations and personnel of the acquired companies, the potential disruption of our ongoing business, the potential distraction of management, expenses related to the acquisition and potential unknown liabilities associated with acquired businesses. Any inability to integrate completed acquisitions or combinations in an efficient and timely manner could have an adverse impact on our results of operations. In addition, we may not be able to recognize any expected synergies or benefits in connection with a future acquisition or combination. If we are not successful in completing acquisitions or combinations that we may pursue in the future, we may incur substantial expenses and devote significant management time and resources without a successful result. In addition, future acquisitions could require use of substantial portions of our available cash or result in dilutive issuances of securities.

***We may not be able to obtain capital when desired on favorable terms, if at all, or without dilution to our stockholders.***

We anticipate that our current cash, cash equivalents, cash provided by operating activities and funds available through our working capital line of credit, will be sufficient to meet our current and anticipated needs for general corporate purposes. We operate in an emerging market, however, which makes our prospects difficult to evaluate. It is possible that we may not generate sufficient cash flow from operations or otherwise have the capital resources to meet our future capital needs. In such cases we may need additional financing to execute on our current or future business strategies. If we raise additional funds through the issuance of equity or convertible debt securities, the percentage ownership of our stockholders could be significantly diluted, and these newly-issued securities may have rights, preferences or privileges senior to those of existing stockholders. We cannot assure you that additional financing will be available on terms favorable to us, or at all. If adequate funds are not available or are not available on acceptable terms, if and when needed, our ability to fund our operations, take advantage of unanticipated opportunities, develop or enhance our products, or otherwise respond to competitive pressures would be significantly limited. In addition, our access to credit through our working capital line of credit may be limited by the restrictive financial covenants contained in that agreement, which require us to maintain profitability.

***Environmental laws and regulations and unforeseen costs could negatively impact our future earnings.***

The manufacture and sale of our products in certain states and countries may subject us to environmental and other regulations. We also face increasing complexity in our product design as we adjust to legal and regulatory requirements relating to our products. There is no assurance that such existing laws or future laws will not impair future earnings or results of operations.

***Business disruptions resulting from international uncertainties could negatively impact our profitability.***

We derive, and expect to continue to derive, a significant portion of our revenue from international sales in various European and Far East markets, and Canada. For the fiscal years ended December 31, 2011 and January 1, 2011, sales to non-U.S. customers accounted for 45.5% and 42.1% of total revenue, respectively. Our international revenue and operations are subject to a number of material risks, including, but not limited to:

difficulties in staffing, managing and supporting operations in multiple countries;

difficulties in enforcing agreements and collecting receivables through foreign legal systems and other relevant legal issues;

fewer legal protections for intellectual property;

foreign and U.S. taxation issues, tariffs, and international trade barriers;

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difficulties in obtaining any necessary governmental authorizations for the export of our products to certain foreign jurisdictions;

potential fluctuations in foreign economies;

government currency control and restrictions on repatriation of earnings;

fluctuations in the value of foreign currencies and interest rates;

general economic and political conditions in the markets in which we operate;

domestic and international economic or political changes, hostilities and other disruptions in regions where we currently operate or may operate in the future;

changes in foreign currency exchange rates;

different and changing legal and regulatory requirements in the jurisdictions in which we currently operate or may operate in the future; and

outside of the United States, we primarily rely on a network of exclusive distributors, some of whom may be operating without written contracts.

Negative developments in any of these areas in one or more countries could result in a reduction in demand for our products, the cancellation or delay of orders already placed, threats to our intellectual property, difficulty in collecting receivables, and a higher cost of doing business, any of which could negatively impact our business, financial condition or results of operations. Moreover, our sales, including sales to customers outside the United States, are primarily denominated in U.S. dollars, and downward fluctuations in the value of foreign currencies relative to the U.S. dollar may make our products more expensive than other products, which could harm our business.

***If we experience a disaster or other business continuity problem, we may not be able to recover successfully, which could cause material financial loss, loss of human capital, regulatory actions, reputational harm, or legal liability.***

If we experience a local or regional disaster or other business continuity problem, such as an earthquake, terrorist attack, pandemic or other natural or man-made disaster, our continued success will depend, in part, on the availability of our personnel, our office facilities, and the proper functioning of our computer, telecommunication and other related systems and operations. As we grow our operations in new geographic regions, the potential for particular types of natural or man-made disasters, political, economic or infrastructure instabilities, or other country- or region-specific business continuity risks increases.

***If we suffer any data breaches involving the designs, schematics or source code for our products, our business and financial results could be adversely affected.***

We attempt to securely store our designs, schematics and source code for our products as they are created. A breach, whether physical, electronic or otherwise, of the systems on which this sensitive data is stored could lead to damage or piracy of our products. In addition, we work with e-commerce providers who hold significant sensitive customer data. If we or our partners are subject to data security breaches, we may have a loss in sales or increased costs arising from the restoration or implementation of additional security measures, either of which could materially and adversely affect our business and financial results.

***Our income tax provision and other tax liabilities may be insufficient if taxing authorities are successful in asserting tax positions that are contrary to our position. Additionally, there is no guarantee that we will realize our deferred tax assets.***

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From time to time, we are audited by various federal, state and local authorities regarding income tax matters. Significant judgment is required to determine our provision for income taxes and our liabilities for federal, state, local and other taxes. Although we believe our approach to determining the appropriate tax treatment is supportable and in accordance with relevant authoritative guidance it is possible that the final tax

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authority will take a tax position that is materially different than that which is reflected in our income tax provision. Such differences could have a material adverse effect on our income tax provision or benefit, in the reporting period in which such determination is made and, consequently, on our results of operations, financial position and/or cash flows for such period.

The realization of our deferred tax assets ultimately depends on the existence of sufficient taxable income in either the carryback or carryforward periods under the tax law. Due to significant estimates utilized in establishing a valuation allowance and the potential for changes in facts and circumstances, it is possible that we will be required to record a valuation allowance in future reporting periods. Our results of operations would be impacted negatively if we determine that a deferred tax asset valuation allowance is required in a future reporting period.

***Provisions in our certificate of incorporation and by-laws, our shareholder rights agreement or Delaware law might discourage, delay or prevent a change of control of our company or changes in our management and, therefore, depress the trading price of our common stock.***

Provisions of our certificate of incorporation and by-laws and Delaware law may discourage, delay or prevent a merger, acquisition or other change in control that stockholders may consider favorable, including transactions in which you might otherwise receive a premium for your shares of our common stock. These provisions may also prevent or frustrate attempts by our stockholders to replace or remove our management. These provisions include:

limitations on the removal of directors;

a classified board of directors so that not all members of our board are elected at one time;

advance notice requirements for stockholder proposals and nominations;

the inability of stockholders to act by written consent or to call special meetings;

the ability of our board of directors to make, alter or repeal our by-laws; and

the ability of our board of directors to designate the terms of and issue new series of preferred stock without stockholder approval. The affirmative vote of the holders of at least 75% of our shares of capital stock entitled to vote is necessary to amend or repeal the above provisions of our certificate of incorporation. In addition, absent approval of our board of directors, our by-laws may only be amended or repealed by the affirmative vote of the holders of at least 75% of our shares of capital stock entitled to vote.

We have also adopted a shareholder rights agreement that entitles our stockholders to acquire shares of our common stock at a price equal to 50% of the then-current market value in limited circumstances when a third party acquires or announces its intention to acquire 15% or more of our outstanding common stock.

In addition, Section 203 of the Delaware General Corporation Law prohibits a publicly-held Delaware corporation from engaging in a business combination with an interested stockholder, generally a person which together with its affiliates owns, or within the last three years has owned, 15% of our voting stock, for a period of three years after the date of the transaction in which the person became an interested stockholder, unless the business combination is approved in a prescribed manner.

The existence of the foregoing provisions and anti-takeover measures could limit the price that investors might be willing to pay in the future for shares of our common stock. They could also deter potential acquirers of our company, thereby reducing the likelihood that you could receive a premium for your common stock in an acquisition.





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**ITEM 1B. UNRESOLVED STAFF COMMENTS**

None.

**ITEM 2. PROPERTIES**

Our corporate headquarters are located in Bedford, Massachusetts, where we lease approximately 183,000 square feet. This lease expires on May 1, 2020. We lease 15,700 square feet in Durham, North Carolina supporting our government and industrial division's unmanned underwater vehicles. We lease smaller facilities in Burlington, Massachusetts; Hong Kong; Shenzhen, China; London, England; San Luis Obispo, California; and Crystal City, Virginia. We do not own any real property. We believe that our leased facilities and additional or alternative space available to us will be adequate to meet our needs for the foreseeable future.

**ITEM 3. LEGAL PROCEEDINGS**

From time to time and in the ordinary course of business, we are subject to various claims, charges and litigation. The outcome of litigation cannot be predicted with certainty and some lawsuits, claims or proceedings may be disposed of unfavorably to us, which could materially affect our financial condition or results of operations.

**ITEM 4. MINE SAFETY DISCLOSURES**

Not Applicable.

**Table of Contents****PART II****ITEM 5. MARKET FOR REGISTRANT'S COMMON EQUITY, RELATED STOCKHOLDER MATTERS AND ISSUER PURCHASES OF EQUITY SECURITIES**

Our common stock is listed on the NASDAQ Global Market under the symbol IRBT. The following table sets forth, for the periods indicated, the high and low sales prices per share for our common stock as reported on the NASDAQ Global Market.

	High	Low
<b>Fiscal 2010:</b>		
First quarter	\$ 18.74	\$ 14.45
Second quarter	\$ 22.05	\$ 14.52
Third quarter	\$ 21.36	\$ 16.34
Fourth quarter	\$ 25.27	\$ 17.86
<b>Fiscal 2011:</b>		
First quarter	\$ 33.68	\$ 23.86
Second quarter	\$ 39.00	\$ 29.46
Third quarter	\$ 37.98	\$ 23.17
Fourth quarter	\$ 35.99	\$ 22.46

As of February 13, 2012, there were approximately 27,328,700 shares of our common stock outstanding held by approximately 122 stockholders of record and the last reported sale price of our common stock on the NASDAQ Global Market on February 13, 2012 was \$25.46 per share.

**Dividend Policy**

We have never declared or paid any cash dividends on our capital stock. We currently expect to retain future earnings, if any, to finance the growth and development of our business and we do not anticipate paying any cash dividends in the foreseeable future.

**Issuer Purchases of Equity Securities**

The following table sets forth the repurchases of our equity securities during the three months ended December 31, 2011 by or on behalf of us or any affiliated purchaser:

Period	(a) Total number of Shares (or Units) Purchased	(b) Average Price Paid per Share (or Unit)	(c) Total	(d) Maximum
			Number of Shares (or Units) Purchased as Part of Publicly Announced Plans or Programs	Number (or Approximate Dollar Value) of Shares (or Units) that May Yet Be Purchased Under the Plans or Programs
Fiscal month beginning October 2, 2011 and ended October 29, 2011		\$		
		\$		

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Fiscal month beginning October 30, 2011 and ended December 3, 2011

Fiscal month beginning December 4, 2011 and ended December 31, 2011

	2,779(1)	\$ 29.85(2)
Total	2,779(1)	\$ 29.85(3)

(1) Represents shares of our common stock withheld by us to satisfy the minimum tax withholding obligation in connection with the vesting of restricted stock units held by executive officers.

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(2) The amount represents the last reported sale price of our common stock on the NASDAQ Global Market on the applicable vesting date.

(3) The amount represents the weighted average sale price of all shares of our common stock repurchased during the three months ended December 31, 2011.

**ITEM 6. SELECTED FINANCIAL DATA**

The selected historical financial data set forth below as of December 31, 2011 and January 1, 2011 and for the years ended December 31, 2011, January 1, 2011 and January 2, 2010 are derived from financial statements, which have been audited by PricewaterhouseCoopers LLP, an independent registered public accounting firm. Consolidated balance sheets as of December 31, 2011 and January 1, 2011 and the related consolidated statements of income and of cash flows for each of the three years in the period ended December 31, 2011 and notes thereto appear elsewhere in this Annual Report on Form 10-K. The selected historical financial data as of January 2, 2010, December 27, 2008 and December 29, 2007 and for the years ended December 27, 2008 and December 29, 2007 are derived from our financial statements, which have been audited by PricewaterhouseCoopers LLP and which are not included elsewhere in this Annual Report.

The following selected consolidated financial data should be read in conjunction with our consolidated financial statements, the related notes and Management's Discussion and Analysis of Financial Condition and Results of Operations included elsewhere in this Annual Report on Form 10-K. The historical results are not necessarily indicative of the results to be expected for any future period.

	Year Ended				
	December 31, 2011	January 1, 2011	January 2, 2010	December 27, 2008	December 29, 2007
	(In thousands, except earnings per share amounts)				
<b>Consolidated Statements of Income:</b>					
Revenue					
Product revenue	\$ 426,525	\$ 360,394	\$ 262,199	\$ 281,187	\$ 227,457
Contract revenue	38,975	40,558	36,418	26,434	21,624
Total revenue	465,500	400,952	298,617	307,621	249,081
Cost of revenue					
Cost of product revenue	246,905	228,403	176,631	190,250	147,689
Cost of contract revenue	26,477	27,117	30,790	23,900	18,805
Total cost of revenue	273,382	255,520	207,421	214,150	166,494
Gross Margin	192,118	145,432	91,196	93,471	82,587
Operating Expenses					
Research and development	36,498	24,809	14,747	17,566	17,082
Selling and marketing	58,544	50,535	40,902	46,866	44,894
General and administrative	43,753	36,618	30,110	28,840	20,919
Litigation and related expenses					2,341
Total operating expenses	138,795	111,962	85,759	93,272	85,236
Operating (Loss) Income	53,323	33,470	5,437	199	(2,649)
Net Income	\$ 40,191	\$ 25,514	\$ 3,330	\$ 756	\$ 9,060
Net Income Per Common Share Basic	\$ 1.50	\$ 1.00	\$ 0.13	\$ 0.03	\$ 0.37
Diluted	\$ 1.44	\$ 0.96	\$ 0.13	\$ 0.03	\$ 0.36
Shares Used in Per Common Share Calculations					
Basic	26,712	25,394	24,998	24,654	24,229
Diluted	27,924	26,468	25,640	25,533	25,501



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	December 31, 2011	January 1, 2011	January 2, 2010 (In thousands)	December 27, 2008	December 29, 2007
<b>Consolidated Balance Sheet Data:</b>					
Cash and cash equivalents	\$ 166,308	\$ 108,383	\$ 71,856	\$ 40,852	\$ 26,735
Short term investments	17,811	13,928	4,959		16,550
Total assets	332,213	254,331	199,584	163,678	169,092
Total liabilities	89,255	79,424	66,390	44,002	58,865
Total stockholders' equity	242,958	174,907	133,194	119,676	110,227

**ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS**

The information contained in this section has been derived from our consolidated financial statements and should be read together with our consolidated financial statements and related notes included elsewhere in this Annual Report on Form 10-K. This Annual Report on Form 10-K contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities and Exchange Act of 1934, as amended, or the Exchange Act, and are subject to the safe harbor created by those sections. In particular, statements contained in this Annual Report on Form 10-K that are not historical facts, including, but not limited to statements concerning new product sales, product development and offerings, Roomba, Scooba, Looj and Verro products, PackBot tactical military robots, the Small Unmanned Ground Vehicle, Seaglider, Negotiator, Ava, our home robots and government and industrial robots divisions, our competition, our strategy, our market position, market acceptance of our products, seasonal factors, revenue recognition, our profits, growth of our revenues, product life cycle revenue, composition of our revenues, our cost of revenues, units shipped, average selling prices, funding of our government and industrial robot development programs, operating expenses, selling and marketing expenses, general and administrative expenses, research and development expenses, and compensation costs, our projected income tax rate, our credit and letter of credit facilities, our valuations of investments, valuation and composition of our stock-based awards, and liquidity, constitute forward-looking statements and are made under these safe harbor provisions. Some of the forward-looking statements can be identified by the use of forward-looking terms such as believes, expects, may, will, should, could, seek, intends, plans, estimates, anticipates, or other comparable terms. Forward-looking statements involve inherent risks and uncertainties, which could cause actual results to differ materially from those in the forward-looking statements. We urge you to consider the risks and uncertainties discussed in greater detail under the heading Risk Factors in evaluating our forward-looking statements. We have no plans to update our forward-looking statements to reflect events or circumstances after the date of this report. We caution readers not to place undue reliance upon any such forward-looking statements, which speak only as of the date made.

**Overview**

iRobot designs and builds robots that make a difference. For over 20 years, we have developed proprietary technology incorporating advanced concepts in navigation, mobility, manipulation and artificial intelligence to build industry-leading robots. Our Roomba floor vacuuming robot and Scooba floor washing robot perform time-consuming domestic chores in the home, while our Looj gutter cleaning robot and Verro pool cleaning robot perform tasks outside the home. Our PackBot and Small Unmanned Ground Vehicle (SUGV) tactical ground military robots perform battlefield reconnaissance and bomb disposal. Our IKA Seaglider unmanned underwater robot performs long endurance oceanic missions. We sell our robots to consumers through a variety of distribution channels, including chain stores and other national retailers, and through our on-line store, and to the U.S. military and other government agencies worldwide. We maintain certifications for AS9100 and Capability Maturity Model Integration. These certifications enable us to service our military products and services.

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As of December 31, 2011, we had 619 full-time employees. We have developed expertise in the disciplines necessary to build durable, high-performance and cost-effective robots through the close integration of software, electronics and hardware. Our core technologies serve as reusable building blocks that we adapt and expand to develop next generation and new products, reducing the time, cost and risk of product development. Our significant expertise in robot design and engineering, combined with our management team's experience in military and consumer markets, positions us to capitalize on the expected growth in the market for robots.

Although we have successfully launched consumer and government and industrial products, our continued success depends upon our ability to respond to a number of future challenges. We believe the most significant of these challenges include increasing competition in the markets for both our consumer and government and industrial products, our ability to obtain U.S. federal government funding for research and development programs, and our ability to successfully develop and introduce products and product enhancements.

### ***Revenue***

We currently derive revenue from product sales, government research and development contracts, and commercial research and development contracts. Product revenue is derived from the sale of our various home cleaning robots and government and industrial robots and related accessories. Research and development revenue is derived from the execution of contracts awarded by the U.S. federal government, other governments and a small number of other partners. In the future, we expect to derive increasing revenue from product maintenance and support services due to a focused effort to market these services to the expanding installed base of our robots.

We currently derive a majority of our product revenue from the sale of our home cleaning robots, and our PackBot and SUGV tactical military robots. For the fiscal years ended December 31, 2011 and January 1, 2011, product revenues accounted for 91.6% and 89.9% of total revenue, respectively. For the fiscal years ended December 31, 2011 and January 1, 2011, our funded research and development contracts accounted for approximately 8.4% and 10.1% of our total revenue, respectively. We expect to continue to perform funded research and development work with the intent of leveraging the technology developed to advance our new product development efforts. In the future, based on changes in operational needs from U.S. armed forces, and significant pressures on U.S. spending levels, we anticipate that revenue from product sales to the U.S. armed forces could remain flat or decrease in the near term. In addition, we expect that revenue from funded research and development contracts could decrease on an absolute dollar basis.

For the fiscal years ended December 31, 2011 and January 1, 2011, approximately 74.0% and 65.7%, respectively, of our home robot product revenue resulted from sales to 15 customers. For fiscal 2011 and fiscal 2010, the customers were comprised of both U.S. retailers and international distributors. Direct-to-consumer revenue generated through our domestic and international on-line stores accounted for 9.6% of our home robot product revenue for the fiscal year ended December 31, 2011 compared to 11.5% in the fiscal year ended January 1, 2011. We typically sell our recently launched products direct on-line, and then subsequently offer these products through other channels of distribution. In addition, 88.4% and 87.6% of military product revenue, and 95.7% and 96.5% of funded research and development contract revenue, resulted from orders and contracts or subcontracts with the U.S. federal government in the fiscal years ended December 31, 2011 and January 1, 2011, respectively.

For the fiscal years ended December 31, 2011 and January 1, 2011, sales to non-U.S. customers accounted for 45.5% and 42.1% of total revenue, respectively.

Our revenue from product sales is generated through sales to our retail distribution channels, our distributor network and to certain U.S. and foreign governments. We recognize revenue from the sales of home robots under the terms of the customer agreement upon transfer of title and risk of loss to the customer, net of estimated returns, provided that collection is determined to be reasonably assured and no significant obligations remain.

Revenue from our military robot sales and revenue from funded research and development contracts are occasionally influenced by the September 30 fiscal year-end of the U.S. federal government. In addition, our revenue can be affected by the timing of the release of new products and the size and timing of contract awards from military and other government agencies. Historically, revenue from consumer product sales has been significantly seasonal, with a majority of our consumer product revenue generated in the second half of the year

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(in advance of the holiday season). As a result of the growth of our international consumer business, which is less seasonal than our domestic consumer business, our consumer product revenue is currently spread more evenly throughout the year.

### ***Cost of Revenue***

Cost of product revenue includes the cost of raw materials and labor that go into the development and manufacture of our products as well as manufacturing overhead costs such as manufacturing engineering, quality assurance, logistics and warranty costs. For the fiscal years ended December 31, 2011 and January 1, 2011, cost of product revenue was 57.9% and 63.4% of total product revenue, respectively. The decrease in cost of product revenue as a percentage of revenue was driven primarily by changes in product mix to higher margin home robot products, improved leverage of our overhead expense against higher revenue, and lower return provisions and warranty expense. Raw material costs, which are our most significant cost items, can fluctuate materially on a periodic basis, although many components have been historically stable. Additionally, unit costs can vary significantly depending on the mix of products sold. There can be no assurance that our costs of raw materials will not increase. Labor costs also comprise a significant portion of our cost of revenue. We outsource the manufacture of our home robots to contract manufacturers in China. While labor costs in China traditionally have been favorable compared to labor costs elsewhere in the world, including the United States, we believe that labor in China is becoming more scarce. In addition fluctuations in currency exchange rates could increase the cost of labor. Consequently, the labor costs for our home robots could increase in the future.

Cost of contract revenue includes the direct labor costs of engineering resources committed to funded research and development contracts, as well as third-party consulting, travel and associated direct material costs. Additionally, we include overhead expenses such as indirect engineering labor, occupancy costs associated with the project resources, engineering tools and supplies and program management expenses. For the fiscal years ended December 31, 2011 and January 1, 2011, cost of contract revenue was 67.9% and 66.9% of total contract revenue, respectively.

### ***Gross Margin***

Our gross margin as a percentage of revenue varies according to the mix of product and contract revenue, the mix of products sold, total sales volume, the level of defective product returns, and levels of other product costs such as warranty, scrap, re-work and manufacturing overhead. For the years ended December 31, 2011 and January 1, 2011, gross margin was 41.3% and 36.3% of total revenue, respectively. The increase in margin was driven primarily by changes in product mix to higher margin home robot products, improved leverage of our overhead expense against higher revenue, and lower return provisions and warranty expense.

### ***Research and Development Expenses***

Research and development expenses consist primarily of:

salaries and related costs for our engineers;

costs for high technology components used in product and prototype development; and

costs of test equipment used during product development.

We have significantly expanded our research and development capabilities and expect to continue to expand these capabilities in the future. We are committed to consistently maintaining the level of innovative design and development of new products as we strive to enhance our ability to serve our existing consumer and military markets as well as new markets for robots. We anticipate that research and development expenses will increase in absolute dollars but remain relatively flat as a percentage of revenue in the foreseeable future.

For the fiscal years ended December 31, 2011 and January 1, 2011, research and development expense was \$36.5 million and \$24.8 million, or 7.8% and 6.2% of total revenue, respectively.

In addition to our internal research and development activities discussed above, we incur research and development expenses under funded development arrangements with both governments and other third parties.





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For the fiscal years ended December 31, 2011 and January 1, 2011, these expenses amounted to \$26.5 million and \$27.1 million, respectively. In accordance with generally accepted accounting principles, these expenses have been classified as cost of revenue rather than research and development expense. For the years ended December 31, 2011 and January 1, 2011, the combined investment in future technologies, classified as cost of revenue and research and development expense, was \$63.0 million and \$51.9 million, respectively.

### ***Selling, General and Administrative Expenses***

Our selling, general and administrative expenses consist primarily of:

salaries and related costs for sales and marketing personnel;

salaries and related costs for executives and administrative personnel;

advertising, marketing and other brand-building costs;

fulfillment costs associated with direct-to-consumer sales through our on-line store;

customer service costs;

professional services costs;

information systems and infrastructure costs;

travel and related costs; and

occupancy and other overhead costs.

We anticipate that selling, general and administrative expenses will increase in absolute dollars but remain relatively flat as a percentage of revenue in the foreseeable future as we continue to build the iRobot brand and also maintain company profitability.

For the fiscal years ended December 31, 2011 and January 1, 2011, selling, general and administrative expense was \$102.3 million and \$87.2 million, or 22.0% and 21.7% of total revenue, respectively.

### ***Fiscal Periods***

We operate and report using a 52-53 week fiscal year ending on the Saturday closest to December 31. Accordingly, our fiscal quarters will end on the Saturday that falls closest to the last day of the third month of each quarter.

### ***Critical Accounting Policies and Estimates***

Our consolidated financial statements are prepared in accordance with accounting principles generally accepted in the United States of America. The preparation of these consolidated financial statements requires us to make estimates and assumptions that affect the reported amounts of assets, liabilities, revenue, costs and expenses, and related disclosures. We evaluate our estimates and assumptions on an ongoing basis. Our actual results may differ from these estimates.

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We believe that of our significant accounting policies, which are described in the notes to our consolidated financial statements, the following accounting policies involve a greater degree of judgment and complexity. Accordingly, we believe that the following accounting policies are the most critical to aid in fully understanding and evaluating our consolidated financial condition and results of operations.

### ***Revenue Recognition***

We recognize revenue from sales of consumer products under the terms of the customer agreement upon transfer of title and risk of loss to the customer, which is typically upon the delivery of the product, provided the price is fixed or determinable, collection is determined to be reasonably assured and no significant obligations remain. Sales to domestic resellers are typically subject to agreements allowing for limited rights of return for defective products only, rebates and price protection. Accordingly, we reduce revenue for our estimates of

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liabilities for these rights of return at the time the related sale is recorded. We establish a provision for sales returns for products sold by domestic resellers directly based on historical return experience and other relevant data. Our international distributor agreements do not currently allow for product returns and, as a result, no reserve for returns is established for this group of customers. We have aggregated and analyzed historical returns from domestic resellers and end users which form the basis of our estimate of future sales returns by resellers or end users. When a right of return exists, the provision for these estimated returns is recorded as a reduction of revenue at the time that the related revenue is recorded. If actual returns from retailers differ significantly from our estimates, such differences could have a material impact on our results of operations for the period in which the actual returns become known. Our returns reserve is calculated as a percentage of gross consumer product revenue. A small increase or decrease in our actual experience of returns could have a material impact on our quarterly and annual results of operations. The estimates for returns are adjusted periodically based upon historical rates of returns. The estimates and reserve for rebates and price protection are based on specific programs, expected usage and historical experience. Actual results could differ from these estimates. If future trends or our ability to estimate were to change significantly from those experienced in the past, incremental reductions or increases to revenue may result based on this new experience.

Under cost-plus research and development contracts, we recognize revenue based on costs incurred plus a pro-rata portion of the total fixed fee. Costs and estimated gross margins on contracts are recorded as work is performed based on the percentage that incurred costs bear to estimated total costs utilizing the most recent estimates of costs and funding. We recognize revenue on firm fixed price (FFP) contracts using the percentage-of-completion method. For government product FFP contracts revenue is recognized as the product is shipped or in accordance with the contract terms. Changes in job performance, job conditions and estimated profitability, including those arising from final contract settlements and government audit, may result in revisions to costs and income, and are recorded or recognized, as the case may be, in the period in which the revisions are determined. Since many contracts extend over a long period of time, revisions in cost and funding estimates during the progress of work have the effect of adjusting earnings applicable to past performance in the current period. When the current contract estimate indicates a loss, provision is made for the total anticipated loss in the current period. Revenue earned in excess of billings, if any, is recorded as unbilled revenue. Billings in excess of revenue earned, if any, are recorded as deferred revenue.

***Accounting for Stock-Based Awards***

We recognized \$5.2 million of stock-based compensation expense during the fiscal year ended December 31, 2011 for stock options. The unamortized fair value as of December 31, 2011 associated with these grants was \$11.0 million with a weighted-average remaining recognition period of 2.39 years.

The risk-free interest rate is derived from the average U.S. Treasury constant maturity rate, which approximates the rate in effect at the time of grant, commensurate with the expected life of the instrument. The dividend yield is zero based upon the fact that we have never paid and have no present intention to pay cash dividends. Prior to 2010, the expected term calculation was based upon the simplified method provided under the relevant authoritative guidance. During 2010, we began to rely solely on company specific historical data to calculate the expected term. Given our initial public offering in November 2005 and the resulting short history as a public company, we could not rely solely on company specific historical data for purposes of establishing expected volatility. Consequently, prior to 2010, we performed an analysis that included company specific historical data combined with data of several peer companies with similar expected option lives to develop expected volatility assumptions. During 2010, we began to rely solely on company specific historical data for purposes of establishing expected volatility.

Based upon the above assumptions, the weighted average fair value of each stock option granted for the fiscal year ended December 31, 2011 was \$16.55.

During the fiscal year ended December 31, 2011, the Company recognized \$3.6 million of stock-based compensation associated with restricted stock units. Unamortized expense associated with restricted stock units at December 31, 2011, was \$11.7 million.

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We have assumed a forfeiture rate for all stock options, restricted stock awards and restricted stock-based units granted subsequent to the Company's initial filing of its Form S-1 with the SEC. In the future, we will record incremental stock-based compensation expense if the actual forfeiture rates are lower than estimated and will record a recovery of prior stock-based compensation expense if the actual forfeitures are higher than estimated.

Accounting for stock-based awards requires significant judgment and the use of estimates, particularly surrounding assumptions such as stock price volatility and expected option lives to value equity-based compensation.

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

Deferred taxes are determined based on the difference between the financial statement and tax basis of assets and liabilities using enacted tax rates in effect in the years in which the differences are expected to reverse. Valuation allowances are provided if based upon the weight of available evidence, it is more likely than not that some or all of the deferred tax assets will not be realized.

We monitor the realization of our deferred tax assets based on changes in circumstances, for example, recurring periods of income for tax purposes following historical periods of cumulative losses or changes in tax laws or regulations. Our income tax provision and our assessment of the ability to realize our deferred tax assets involve significant judgments and estimates. In fiscal 2007, we completed an analysis of historical and projected future profitability which resulted in the full release of the valuation allowance relating to federal deferred tax assets. In fiscal 2010, based on recent and expected increased future profitability the valuation allowance relating to state deferred tax assets was released. At December 31, 2011, we have total deferred tax assets of \$21.5 million with no valuation allowance.

### ***Warranty***

We typically provide a one-year warranty (with the exception of European consumer products which typically have a two-year warranty period and our government and industrial spares which typically have a warranty period of less than one year) against defects in materials and workmanship and will either repair the goods, provide replacement products at no charge to the customer or refund amounts to the customer for defective products. We record estimated warranty costs, based on historical experience by product, at the time we recognize product revenue. As the complexity of our products increases, we could experience higher warranty claims relative to sales than we have previously experienced, and we may need to increase these estimated warranty reserves.

### ***Inventory Valuation***

We value our inventory at the lower of the actual cost of our inventory or its current estimated market value. We write down inventory for obsolescence or unmarketable inventories based upon assumptions about future demand and market conditions. Actual demand and market conditions may be lower than those that we project and this difference could have a material adverse effect on our gross margin if inventory write-downs beyond those initially recorded become necessary. Alternatively, if actual demand and market conditions are more favorable than those we estimated at the time of such a write-down, our gross margin could be favorably impacted in future periods.

**Table of Contents****Overview of Results of Operations**

The following table sets forth our results of operations for the periods shown:

	Fiscal Year Ended		
	December 31, 2011	January 1, 2011 (In thousands)	January 2, 2010
<b>Revenue</b>			
Product revenue	\$ 426,525	\$ 360,394	\$ 262,199
Contract revenue	38,975	40,558	36,418
<b>Total revenue</b>	465,500	400,952	298,617
<b>Cost of Revenue</b>			
Cost of product revenue(1)	246,905	228,403	176,631
Cost of contract revenue(1)	26,477	27,117	30,790
<b>Total cost of revenue</b>	273,382	255,520	207,421
<b>Gross margin</b>	192,118	145,432	91,196
<b>Operating Expenses</b>			
Research and development(1)	36,498	24,809	14,747
Selling and marketing(1)	58,544	50,535	40,902
General and administrative(1)	43,753	36,618	30,110
<b>Total operating expenses</b>	138,795	111,962	85,759
<b>Operating Income</b>	53,323	33,470	5,437
Other Income (Expense), Net	218	504	(81)
<b>Income Before Income Taxes</b>	53,541	33,974	5,356
Income Tax Expense	13,350	8,460	2,026
<b>Net Income</b>	\$ 40,191	\$ 25,514	\$ 3,330

(1) Stock-based compensation recorded in fiscal 2011, 2010 and 2009 breaks down by expense classification as follows.

	Fiscal Year Ended		
	December 31, 2011	January 1, 2011 (In thousands)	January 2, 2010
Cost of product revenue	\$ 1,197	\$ 1,311	\$ 1,127
Cost of contract revenue	478	446	575
Research and development	743	725	351
Selling and marketing	724	1,161	1,410
General and administrative	5,642	4,522	4,099



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The following table sets forth our results of operations as a percentage of revenue for the periods shown:

	Fiscal Year Ended		
	December 31, 2011	January 1, 2011	January 2, 2010
Revenue			
Product revenue	91.6%	89.9%	87.8%
Contract revenue	8.4	10.1	12.2
Total revenue	100.0	100.0	100.0
Cost of Revenue			
Cost of product revenue	53.0	57.0	59.2
Cost of contract revenue	5.7	6.7	10.3
Total cost of revenue	58.7	63.7	69.5
Gross margin	41.3	36.3	30.5
Operating Expenses			
Research and development	7.8	6.2	4.9
Selling and marketing	12.6	12.6	13.7
General and administrative	9.4	9.1	10.1
Total operating expenses	29.8	27.9	28.7
Operating Income	11.5	8.4	1.8
Other Income (Expense), Net	0.0	0.1	0.0
Income Before Income Taxes	11.5	8.5	1.8
Income Tax Expense	2.9	2.1	0.7
Net Income	8.6%	6.4%	1.1%

**Comparison of Years Ended December 31, 2011 and January 1, 2011***Revenue*

	Fiscal Year Ended		Dollar Change (In thousands)	Percent Change
	December 31, 2011	January 1, 2011		
Total Revenue	\$ 465,500	\$ 400,952	\$ 64,548	16.1%

Our revenue increased 16.1% to \$465.5 million in fiscal 2011 from \$401.0 million in fiscal 2010. Revenue increased approximately \$49.2 million, or 21.5%, in our home robots division and \$15.3 million, or 8.9%, in our government and industrial division.

The \$49.2 million increase in revenue from our home robots division was driven by an 8.0% increase in units shipped and a 13.2% increase in net average selling price. In fiscal 2011, international home robots revenue increased \$44.3 million and domestic home robots revenue increased \$4.9 million. Total home robots shipped in fiscal 2011 were 1,371,000 units compared to 1,269,000 units in fiscal 2010. The increase in home robots division revenue and units shipped was primarily attributable to international sales increasing 29.3% due to increased demand in our European and Asian markets, particularly Japan. The increase in demand was driven by demand for our new Roomba 700 series robot, an increase in marketing programs by us and our international distributors and continued efforts to increase international retail outlets for our home



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robots products across various countries. Domestic retail sales of our home robot products increased 7.9% and domestic direct sales through our website increased 2.3% in fiscal 2011 as compared to fiscal 2010. The increase in domestic retail

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demand is due in part to our increased and sustained domestic marketing activities which began in the fourth quarter of 2010. The increase in our direct to consumer sales through our website was driven by the introduction of our Roomba 700 series and Scooba 230 robots. Home robots division revenue from international sales was 70.3% of total home robots division revenue in fiscal 2011 as compared to 66.0% in fiscal 2010. The increase in net average selling prices was primarily driven by customer mix and product mix relating to the introduction of our Roomba 700 series and Scooba 230 robots.

The \$15.3 million increase in revenue from our government and industrial robots division was driven by a \$4.5 million increase in product life cycle revenue (spare parts, accessories) and a \$12.5 million increase in government and industrial robot revenue offset by a \$1.6 million decrease in recurring contract development revenue generated under research and development contracts. The \$4.5 million increase in product life cycle revenue is the result of a higher installed base of our government and industrial robots. The \$1.6 million decrease in recurring contract development revenue generated under research and development contracts was primarily the result of decreases in funding and timing of work efforts for our Maritime and Warrior programs. The \$12.5 million increase in government and industrial robots revenue was primarily due to a 27.7% increase in net average selling prices partially offset by a 11.3% decrease in units shipped in fiscal 2011 as compared to fiscal 2010. The increase in net average selling price was due to product mix primarily attributable to PackBot and SUGV units with a higher selling price shipped in fiscal 2011 as compared to lower priced PackBot FasTac units and lower priced configuration of SUGV units shipped in fiscal 2010. Total government and industrial robots shipped in fiscal 2011 were 773 units compared to 871 units in fiscal 2010.

*Cost of Revenue*

	Fiscal Year Ended		Dollar Change (In thousands)	Percent Change
	December 31, 2011	January 1, 2011		
Total cost of revenue	\$ 273,382	\$ 255,520	\$ 17,862	7.0%
As a percentage of total revenue	58.7%	63.7%		

Total cost of revenue increased to \$273.4 million in fiscal 2011, compared to \$255.5 million in fiscal 2010. The increase is primarily due to the 8.0% increase in home robot units shipped in fiscal 2011 as compared to fiscal 2010.

*Gross Margin*

	Fiscal Year Ended		Dollar Change (In thousands)	Percent Change
	December 31, 2011	January 1, 2011		
Total gross margin	\$ 192,118	\$ 145,432	\$ 46,686	32.1%
As a percentage of total revenue	41.3%	36.3%		

Gross margin increased \$46.7 million, or 32.1%, to \$192.1 million (41.3% of revenue) in fiscal 2011 from \$145.4 million (36.3% of revenue) in fiscal 2010. The increase in gross margin as a percentage of revenue was the result of the home robots division gross margin increasing 5.2 percentage points and the government and industrial robots division gross margin increasing 4.3 percentage points. The 5.2 percentage point increase in the home robots division is attributable to changes in customer and product mix to higher margin home robots products including the introduction of our Roomba 700 series and Scooba 230 robots, improved leverage of our overhead expense against higher revenue, and lower return provisions and warranty expense in fiscal 2011 as compared to fiscal 2010. The 4.3 percentage point increase in the government and industrial robots division is primarily due to lower overhead expenses with improved leverage of our overhead expense against higher revenue, lower sustaining engineering expense and lower warranty expense in fiscal 2011 as compared to fiscal 2010.

**Table of Contents***Research and Development*

	Fiscal Year Ended		Dollar Change (In thousands)	Percent Change
	December 31, 2011	January 1, 2011		
Total research and development	\$ 36,498	\$ 24,809	\$ 11,689	47.1%
As a percentage of total revenue	7.8%	6.2%		

Research and development expenses increased by \$11.7 million, or 47.1%, to \$36.5 million (7.8% of revenue) in fiscal 2011. This was driven by increases in our home robots division of \$8.8 million, government and industrial robots division of \$1.8 million and other research and development expense of \$1.1 million primarily relating to ongoing development of our common software platform. The increase in other research and development expense is due to increases in compensation and benefits, consulting and materials associated with internal research and development projects in both our home robots and government and industrial robots divisions. The increase in our home robots division is primarily the result of our increased efforts in the areas of new product development. The increase in our government and industrial robots division is the result of our increased efforts in product development relating to our FirstLook, PackBot and Warrior programs.

In addition to our research and development activities classified as research and development expense, we incur research and development expenses under funded development arrangements with governments and industrial third parties. For fiscal 2011, these expenses amounted to \$26.5 million, compared to \$27.1 million for fiscal 2010. In accordance with generally accepted accounting principles, these expenses have been classified as cost of contract revenue rather than research and development expense. The combined investment in future technologies, classified as cost of revenue and research and development expense, was \$63.0 million for fiscal 2011, compared to \$51.9 million for fiscal 2010.

*Selling and Marketing*

	Fiscal Year Ended		Dollar Change (In thousands)	Percent Change
	December 31, 2011	January 1, 2011		
Total selling and marketing	\$ 58,544	\$ 50,535	\$ 8,009	15.8%
As a percentage of total revenue	12.6%	12.6%		

Selling and marketing expenses increased by \$8.0 million, or 15.8%, to \$58.5 million (12.6% of revenue) in fiscal 2011 from \$50.5 million (12.6% of revenue) in fiscal 2010. This was driven by an increase in our home robots division of \$6.4 million primarily attributable to increases in advertising as part of our continued global marketing and branding efforts, other marketing, compensation, and employee-related expense for fiscal 2011 as compared to fiscal 2010. Selling and marketing expenses in our government and industrial robots division increased by \$1.2 million attributable to an increase in compensation, trade show, depreciation related to demonstration robots and travel expenses in fiscal 2011.

In fiscal 2012, we expect to continue to invest in sales and marketing to increase brand awareness. Accordingly, we anticipate selling and marketing expenses will increase in absolute dollars but remain at the same level or slightly above fiscal 2011 as a percentage of revenue.

*General and Administrative*

	Fiscal Year Ended		Dollar Change (In thousands)	Percent Change
	December 31, 2011	January 1, 2011		
General and administrative	\$ 43,753	\$ 36,618	\$ 7,135	19.5%
As a percentage of total revenue	9.4%	9.1%		



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General and administrative expenses increased by \$7.1 million, or 19.5%, to \$43.8 million (9.4% of revenue) in fiscal 2011 from \$36.6 million (9.1% of revenue) in fiscal 2010. This increase is primarily attributable to increased compensation and employee benefit expenses related to increased headcount, incentive compensation expense, stock-based compensation expense, enterprise software expense, consulting expense, legal expense primarily attributable to our international expansion and intellectual property prosecution and enforcement, and expenses relating to four robots sent to Japan to explore reactor buildings at the Fukushima Daiichi nuclear plant.

*Other Income (Expense), Net*

	Fiscal Year Ended		Dollar Change (In thousands)	Percent Change
	December 31, 2011	January 1, 2011		
Other Income (expense), net	\$ 218	\$ 504	\$ (286)	(56.7)%
As a percentage of total revenue	0.0%	0.1%		

Other income (expense), net amounted to \$0.2 million in fiscal 2011 compared to \$0.5 million in fiscal 2010. Other income (expense), net, for fiscal 2011 was related to interest income of \$1.0 million offset by foreign currency exchange losses of \$0.5 million resulting from foreign currency exchange rate fluctuations and other expenses of \$0.3 million. Other income (expense), net, for fiscal 2010 was related to interest income of \$0.8 million offset by foreign currency exchange losses of \$0.3 million resulting from foreign currency exchange rate fluctuations.

*Income Tax Provision*

	Fiscal Year Ended		Dollar Change (In thousands)	Percent Change
	December 31, 2011	January 1, 2011		
Income tax provision	\$ 13,350	\$ 8,460	\$ 4,890	57.8%
As a percentage of total revenue	2.9%	2.1%		

We recorded a tax provision of \$13.4 million and \$8.5 million for fiscal 2011 and fiscal 2010, respectively. The \$13.4 million provision for fiscal 2011 was based upon a 2011 effective income tax rate of 29.7% offset by a net tax benefit of \$3.5 million resulting from the completion in the period of a comprehensive evaluation of our research and development credit and domestic manufacturing deductions. The \$8.5 million provision for fiscal 2010 was based upon a projected 2010 effective tax rate of 31.5% offset by a \$2.3 million one-time benefit associated with the full release of our valuation allowance relating to state deferred tax assets.

The decrease in the projected effective tax rates from 31.5% in 2010 to 29.7% in 2011 was primarily due to higher domestic manufacturing deductions in 2011, partially offset by the release of our valuation allowance relating to state deferred tax assets in fiscal 2010.

*Comparison of Years Ended January 1, 2011 and January 2, 2010**Revenue*

	Fiscal Year Ended		Dollar Change (In thousands)	Percent Change
	January 1, 2011	January 2, 2010		
Total Revenue	\$ 400,952	\$ 298,617	\$ 102,335	34.3%

Our revenue increased 34.3% to \$401.0 million in fiscal 2010 from \$298.6 million in fiscal 2009. Revenue increased approximately \$63.5 million, or 38.3%, in our home robots division and \$38.8 million, or 29.3%, in our government and industrial division.



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The \$63.5 million increase in revenue from our home robots division was driven by a 28.4% increase in units shipped and a 9.7% increase in net average selling price. Total home robots shipped in fiscal 2010 were 1,269,000 units compared to 988,000 units in fiscal 2009. The increase in home robot division revenue and units shipped was primarily attributable to increased international sales of our home robot products resulting from our efforts to increase our global presence. In fiscal 2010, international home robot revenue increased \$62.3 million, domestic home robot revenue from our retail channel increased \$3.4 million, and domestic home robot revenue from our direct channel decreased \$2.2 million as compared to fiscal 2009. Home robot division revenue from international sales, which consist of products having a higher average selling price than products sold to domestic customers, was 66.0% of total home robot division revenue in fiscal 2010 as compared to 53.8% in fiscal 2009.

The \$38.8 million increase in revenue from our government and industrial division was driven by a \$20.2 million increase in government and industrial robot revenue, a \$14.5 million increase in product life cycle revenue (spare parts and accessories), and a \$4.1 million increase in recurring contract development revenue generated under research and development contracts. The \$20.2 million increase in government and industrial robots revenue was due to a 10.3% increase in units shipped in fiscal 2010 as compared to fiscal 2009. The \$14.5 million increase in product life cycle revenue was the result of a higher installed base of our government and industrial robots, which during fiscal 2010 included product life cycle revenue related to our SUGV 310 product. The \$4.1 million increase in recurring contract development revenue generated under research and development contracts was primarily attributable to an increase in funding of our SUGV program offset by decreases in funding of our PackBot and Warrior programs. Total government and industrial robots shipped in fiscal 2010 were 871 units compared to 789 units in fiscal 2009.

*Cost of Revenue*

	Fiscal Year Ended		Dollar Change	Percent Change
	January 1, 2011	January 2, 2010		
			(In thousands)	
Total cost of revenue	\$ 255,520	\$ 207,421	\$ 48,099	23.2%
As a percentage of total revenue	63.7%	69.5%		

Total cost of revenue increased to \$255.5 million in fiscal 2010, compared to \$207.4 million in fiscal 2009. The increase is primarily due to the 28.4% increase in home robot units shipped and the 10.3% increase in government and industrial units shipped.

*Gross Margin*

	Fiscal Year Ended		Dollar Change	Percent Change
	January 1, 2011	January 2, 2010		
			(In thousands)	
Total gross margin	\$ 145,432	\$ 91,196	\$ 54,236	59.5%
As a percentage of total revenue	36.3%	30.5%		

Gross margin increased \$54.2 million, or 59.5%, to \$145.4 million (36.3% of revenue) in fiscal 2010 from \$91.2 million (30.5% of revenue) in fiscal 2009. The increase in gross margin as a percentage of revenue was the result of the home robots division gross margin increasing 7.8 percentage points and the government and industrial division gross margin increasing 2.9 percentage points. The 7.8 percentage point increase in the home robots division is attributable to lower return provisions, the increase in units shipped through our higher-margin international channel, price increases on certain international products, continued product cost reduction efforts, lower excess and obsolete inventory provisions and improved leverage of our overhead expense against higher revenue in fiscal 2010 as compared to fiscal 2009. The 2.9 percentage point increase in the government and industrial division is primarily attributable to leveraging our overhead expense against higher revenue, and an increase in higher-margin product life cycle revenue, partially offset by a decrease due to product mix primarily attributable to a significant number of SUGV 310 units shipped in fiscal 2010 as compared to fiscal 2009. Our

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margins relating to contract revenue increased in fiscal 2010 as compared to fiscal 2009 due to higher-margin firm-fixed-priced contracts awarded in 2010.

*Research and Development*

	Fiscal Year Ended		Dollar Change (In thousands)	Percent Change
	January 1, 2011	January 2, 2010		
Total research and development	\$ 24,809	\$ 14,747	\$ 10,062	68.2%
As a percentage of total revenue	6.2%	4.9%		

Research and development expenses increased by \$10.1 million, or 68.2%, to \$24.8 million (6.2% of revenue) in fiscal 2010, from \$14.7 million (4.9% of revenue) for fiscal 2009. The increase in research and development expenses is primarily due to increases in compensation, recruiting, employee benefits, materials and consulting costs associated with internal research and development projects in our home robots division and expenses related to our healthcare research. The increase in our home robots division is primarily the result of our increased efforts in the areas of product development and advanced development relating to our consumer products.

In addition to our research and development activities classified as research and development expense, we incur research and development expenses under funded development arrangements with governments and industrial third parties. For fiscal 2010, these expenses amounted to \$27.1 million, compared to \$30.8 million for fiscal 2009. In accordance with generally accepted accounting principles, these expenses have been classified as cost of contract revenue rather than research and development expense. The combined investment in future technologies, classified as cost of revenue and research and development expense, was \$51.9 million for fiscal 2010, compared to \$45.5 million for fiscal 2009.

*Selling and Marketing*

	Fiscal Year Ended		Dollar Change (In thousands)	Percent Change
	January 1, 2011	January 2, 2010		
Total selling and marketing	\$ 50,535	\$ 40,902	\$ 9,633	23.6%
As a percentage of total revenue	12.6%	13.7%		

Selling and marketing expenses increased by \$9.6 million, or 23.6%, to \$50.5 million (12.6% of revenue) in fiscal 2010 from \$40.9 million (13.7% of revenue) in fiscal 2009. This was driven by an increase in our home robots division of \$7.9 million attributable to increases in advertising, promotions, on-line media, sales commission expenses as a result of higher sales, and an increase in compensation and employee-related expense supporting our international home robot sales for fiscal 2010 as compared to fiscal 2009. Selling and marketing expenses in our government and industrial division increased by \$1.7 million attributable to an increase in compensation expenses and other expenses relating to bid and proposal activities, and sales commissions as a result of higher sales in fiscal 2010 as compared to fiscal 2009.

In fiscal 2011, we expect to continue to invest in sales and marketing to increase brand awareness. Accordingly, we anticipate selling and marketing expenses will increase in absolute dollars but remain at the same level or slightly above fiscal 2010 as a percentage of revenue.

*General and Administrative*

	Fiscal Year Ended		Dollar Change (In thousands)	Percent Change
	January 1, 2011	January 2, 2010		
General and administrative	\$ 36,618	\$ 30,110	\$ 6,508	21.6%
As a percentage of total revenue	9.1%	10.1%		





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General and administrative expenses increased by \$6.5 million, or 21.6%, to \$36.6 million (9.1% of revenue) in fiscal 2010 from \$30.1 million (10.1% of revenue) in fiscal 2009. This increase is attributable to increased compensation, benefit and recruiting expenses related to increased headcount and an increase in incentive compensation expense, stock-based compensation, and an increase in legal expense, primarily attributable to our international expansion and intellectual property prosecution and enforcement, for fiscal 2010 as compared to fiscal 2009.

*Other Income (Expense), Net*

	Fiscal Year Ended		Dollar Change (In thousands)	Percent Change
	January 1, 2011	January 2, 2010		
Other Income (expense), net	\$ 504	\$ (81)	\$ 585	Not Meaningful
As a percentage of total revenue	0.1%	0.0%		

Other income (expense), net amounted to \$0.5 million in fiscal 2010 compared to \$(0.1) million in fiscal 2009. Other income (expense), net, for fiscal 2010 was related to interest income of \$0.8 million offset by foreign currency exchange losses of \$0.3 million resulting from foreign currency exchange rate fluctuations. Other income (expense), net, for fiscal 2009 was directly related to foreign currency exchange losses resulting from foreign currency exchange rate fluctuations.

*Income Tax Provision*

	Fiscal Year Ended		Dollar Change (In thousands)	Percent Change
	January 1, 2011	January 2, 2010		
Income tax provision	\$ 8,460	\$ 2,026	\$ 6,434	Not Meaningful
As a percentage of total revenue	2.1%	0.7%		

In fiscal 2010, we recorded a \$8.5 million tax provision based on an effective income tax rate of 24.9%. The provision for income taxes for fiscal 2010 consists of \$10.2 million of federal taxes, \$0.1 million of foreign taxes and \$(1.8) million of state taxes, which includes the \$2.3 million associated with the full release of our valuation allowance relating to state deferred tax assets.

In fiscal 2009, we recorded a \$2.0 million tax provision based on an effective income tax rate of 38%. The provision for income taxes for fiscal 2009 consists of \$1.6 million of federal taxes and \$0.4 million of state taxes. Included in the 2009 provision is a \$0.2 million provision associated with an out-of-period error correction with respect to the earnings of our India subsidiary and a \$0.3 million one-time benefit from the conversion of incentive stock options to non-qualified stock options as a result of our stock option exchange program which concluded in our second fiscal quarter of 2009.

**Liquidity and Capital Resources**

At December 31, 2011, our principal sources of liquidity were cash and cash equivalents totaling \$166.3 million, short-term investments of \$17.8 million and accounts receivable of \$43.3 million.

We manufacture and distribute our products through contract manufacturers and third-party logistics providers. We believe that this approach gives us the advantages of relatively low capital investment and significant flexibility in scheduling production and managing inventory levels. By leasing our office facilities, we also minimize the cash needed for expansion. Accordingly, our capital spending is generally limited to leasehold improvements, computers, office furniture, product-specific production tooling, internal use software and test equipment. In the fiscal years ended December 31, 2011 and January 1, 2011, we spent \$13.0 million and \$12.6 million, respectively, on capital equipment.

Our strategy for delivering home robots products to our distributors and retail customers gives us the flexibility to provide container shipments directly to the retailer from China and, alternatively, allows our



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distributors and retail partners to take possession of product on a domestic basis. Accordingly, our home robots product inventory consists of goods shipped to our third-party logistics providers for the fulfillment of distributor, retail and direct-to-consumer sales. Our inventory of government and industrial products is relatively low as they are generally built to order. Our contract manufacturers are responsible for purchasing and stocking the majority of components required for the production of our products, and they typically invoice us when the finished goods are shipped.

The balance of cash and short-term investments of \$184.1 million at December 31, 2011 is primarily the result of improving profitability and our on-going focus on managing working capital. As of December 31, 2011, we did not have any borrowings outstanding under our working capital line of credit and had \$1.7 million in letters of credit outstanding under our revolving letter of credit facility.

***Discussion of Cash Flows***

Net cash provided by operating activities for the fiscal year ended December 31, 2011 was \$55.7 million, an increase of \$6.5 million compared to the \$49.2 million of net cash provided by operating activities for the fiscal year ended January 1, 2011. The increase in net cash provided by operating activities was primarily driven by the following factors:

An increase in cash of \$14.7 million resulting from net income of \$40.2 million in 2011 versus net income of \$25.5 million in 2010;

An increase in cash of \$3.2 million resulting from non-cash depreciation and amortization of \$10.3 million and losses on the disposition of fixed assets of \$0.6 million in 2011 versus non-cash depreciation and amortization of \$7.5 million and losses on the disposition of fixed assets of \$0.2 million in 2010. The losses on disposition of fixed assets in 2011 primarily relate to four robots sent to Japan to explore reactor buildings at the Fukushima Daiichi nuclear plant;

A decrease in cash of \$6.6 million resulting from an increase in accounts receivable (including unbilled revenue) of \$7.6 million in 2011 versus an increase of \$1.0 million in 2010, primarily due to growth in revenue;

A decrease in cash of \$9.2 million resulting from an increase in inventory of \$3.9 million in 2011 versus a decrease of \$5.3 million in 2010, primarily due to increased inventory requirements to support growth in our home robots division revenue and expansion of the home robots product line;

A decrease in cash of \$4.3 million (offset as an increase in cash from financing activities) resulting from an increase in the tax benefit associated with excess stock-based compensation deductions of \$6.9 million in 2011 versus an increase of \$2.6 million in 2010 primarily due to an increasing number of stock options exercised in 2011;

An increase in cash of \$1.6 million resulting from an increase in accounts payable of \$9.7 million in 2011 versus an increase of \$8.1 million in 2010, primarily due to the timing of purchases and payments to suppliers;

A decrease in cash of \$4.2 million resulting from an increase in accrued compensation of \$0.1 million in 2011 versus an increase of \$4.3 million in 2010, primarily due to the impact of improving profitability on the incentive compensation expense in 2010 and related payment in 2011; and

An increase in cash of \$11.1 million resulting from a decrease in deferred tax assets of \$6.1 million in 2011 compared to an increase of \$5.0 million in 2010, primarily due to the estimated net utilization of deferred tax assets in 2011 and the impact of the release of a valuation allowance on state deferred tax assets in 2010.



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Net cash used in investing activities for the fiscal year ended December 31, 2011 was \$17.2 million, representing a decrease of \$4.4 million compared to the \$21.6 million of net cash used in investing activities for the fiscal year ended January 1, 2011. This decrease in net cash used in investing activities was primarily driven by the following:

Purchase of investments, net of the proceeds from the sale of investments, of \$4.2 million in 2011, compared to the purchase of investments, net of the proceeds from the sale of investments, of \$9.0 million in 2010; and

The purchase of property and equipment of \$13.0 million in 2011, compared to \$12.6 million in 2010, primarily due to an increase in self-constructed and demonstration assets, an increase in leasehold improvements associated with expansion of the office space at our headquarters facility, and the upgrade of our ERP system in 2011.

Net cash provided by financing activities for the fiscal year ended December 31, 2011 was \$19.4 million, an increase of \$10.5 million compared to the \$8.9 million of net cash provided by financing activities for the fiscal year ended January 1, 2011. The increase is due primarily to an increase in proceeds from stock option exercises of \$6.8 million and an increase in the tax benefit associated with excess stock-based compensation deductions of \$4.3 million.

### ***Working Capital Facilities***

#### ***Credit Facility***

We have an unsecured revolving credit facility with Bank of America, N.A., which is available to fund working capital and other corporate purposes. As of December 31, 2011, the total amount available for borrowing under our credit facility was \$75.0 million and the full amount was available for borrowing. The interest on loans under our credit facility accrues at a rate between LIBOR plus 1% and LIBOR plus 1.5%, based on our ratio of indebtedness to Adjusted EBITDA, and the credit facility termination date is June 30, 2014.

As of December 31, 2011, we had no outstanding borrowings under our working capital line of credit. This credit facility contains customary terms and conditions for credit facilities of this type, including restrictions on our ability to incur or guaranty additional indebtedness, create liens, enter into transactions with affiliates, make loans or investments, sell assets, pay dividends or make distributions on, or repurchase, our stock, and consolidate or merge with other entities.

In addition, we are required to meet certain financial covenants customary with this type of agreement, including maintaining a minimum specified consolidated net worth, a minimum ratio of indebtedness to Adjusted EBITDA, and a minimum specified interest coverage ratio.

This credit facility contains customary events of default, including for payment defaults, breaches of representations, breaches of affirmative or negative covenants, cross defaults to other material indebtedness, bankruptcy and failure to discharge certain judgments. If a default occurs and is not cured within any applicable cure period or is not waived, our obligations under the credit facility may be accelerated.

As of December 31, 2011, we were in compliance with all covenants under the revolving credit facility.

#### ***Letter of Credit Facility***

On January 4, 2011, we entered into a revolving letter of credit facility with Bank of America, N.A. The credit facility is available to fund letters of credit on our behalf up to an aggregate outstanding amount of \$5 million. We may terminate at any time, subject to proper notice, or from time to time permanently reduce the amount of the credit facility.

We pay a fee on outstanding letters of credit issued under the credit facility at a rate between LIBOR plus 1% and LIBOR plus 1.5% per annum, based on our ratio of indebtedness to Adjusted EBITDA. In addition, we pay a fee equal to 0.25% per annum of the actual daily amount by which the credit facility exceeds the aggregate undrawn amount of all outstanding letters of credit under the credit facility plus the aggregate of all

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unreimbursed drawings under all letters of credit under the credit facility. The maturity date for letters of credit issued under the credit facility must be no later than seven days prior to June 30, 2014.

As of December 31, 2011, we had letters of credit outstanding of \$1.7 million under our revolving letter of credit facility. The credit facility contains customary terms and conditions for credit facilities of this type, including restrictions on our ability to incur or guaranty additional indebtedness, create liens, enter into transactions with affiliates, make loans or investments, sell assets, pay dividends or make distributions on, or repurchase, its stock, and consolidate or merge with other entities. In addition, we are required to meet certain financial covenants customary with this type of agreement, including maintaining a minimum specified consolidated net worth, a minimum ratio of indebtedness to Adjusted EBITDA and a minimum specified ratio of EBIT to interest expense.

The credit facility also contains customary events of default, including for payment defaults, breaches of representations, breaches of affirmative or negative covenants, cross defaults to other material indebtedness, bankruptcy, and failure to discharge certain judgments. If a default occurs and is not cured within any applicable cure period or is not waived, the lender may accelerate the obligations under the credit facility.

As of December 31, 2011, we were in compliance with all covenants under the revolving letter of credit facility.

**Working Capital and Capital Expenditure Needs**

We currently have no material cash commitments, except for normal recurring trade payables, expense accruals and operating leases, all of which we anticipate funding through working capital, funds provided by operating activities and our existing working capital line of credit. We do not currently anticipate significant investment in property, plant and equipment, and we believe that our outsourced approach to manufacturing provides us with flexibility in both managing inventory levels and financing our inventory. We believe our existing cash and cash equivalents, short-term investments, cash provided by operating activities, and funds available through our working capital line of credit will be sufficient to meet our working capital and capital expenditure needs over at least the next twelve months. In the event that our revenue plan does not meet our expectations, we may eliminate or curtail expenditures to mitigate the impact on our working capital. Our future capital requirements will depend on many factors, including our rate of revenue growth, the expansion of our marketing and sales activities, the timing and extent of spending to support product development efforts, the timing of introductions of new products and enhancements to existing products, the acquisition of new capabilities or technologies, and the continuing market acceptance of our products and services. Moreover, to the extent that existing cash and cash equivalents, short-term investments, cash from operations, and cash from short-term borrowing are insufficient to fund our future activities, we may need to raise additional funds through public or private equity or debt financing. As part of our business strategy, we may consider additional acquisitions of companies, technologies and products, which could also require us to seek additional equity or debt financing. Additional funds may not be available on terms favorable to us or at all.

**Contractual Obligations**

We generally do not enter into binding purchase commitments. Our principal commitments consist of obligations under our working capital line of credit, leases for office space and minimum contractual obligations for services. The following table describes our commitments to settle contractual obligations in cash as of December 31, 2011:

	Payments Due by Period				Total
	Less Than 1 Year	1 to 3 Years	3 to 5 Years	More Than 5 Years	
	(In thousands)				
Operating leases	\$ 3,030	\$ 5,062	\$ 5,010	\$ 8,187	\$ 21,289
Minimum contractual payments	794	4,194			4,988
Other obligations	123				123
Total	\$ 3,947	\$ 9,256	\$ 5,010	\$ 8,187	\$ 26,400

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Our minimum contractual payments consist of payments to our provider of direct fulfillment services for direct to consumer sales of our home robots and a key component supplier for our home robots, which payments are incurred in the ordinary course of business. Based on an analysis of actual fees for 2011 there was a shortfall between our actual transaction fees and our contractual minimum fees for services. Expense accruals for the amount of this shortfall have been recorded to selling and marketing expenses in fiscal 2011. Other obligations consist of software license and services agreement for our home robots division customer service web support.

### **Off-Balance Sheet Arrangements**

As of December 31, 2011, we had no off-balance sheet arrangements as defined in Item 303(a)(4) of Regulation S-K.

### **Recently Issued Accounting Pronouncements**

In May 2011, the Financial Accounting Standards Board ( FASB ) issued amended guidance on fair value measurement and related disclosures. The new guidance clarifies the concepts applicable for fair value measurement of non-financial assets and requires the disclosure of quantitative information about the unobservable inputs used in a fair value measurement. This guidance will be effective for reporting periods beginning after December 15, 2011, and will be applied prospectively. We do not anticipate a material impact on our consolidated financial statements as a result of the adoption of this amended guidance.

In June 2011, the FASB amended its accounting guidance on the presentation of other comprehensive income (OCI) in an entity's financial statements. The amended guidance eliminates the option to present the components of OCI as part of the statement of changes in shareholders equity and provides two options for presenting OCI: in a statement included in the income statement or in a separate statement immediately following the income statement. The amendments do not change the guidance for the items that have to be reported in OCI or when an item of OCI has to be moved into net income. For public entities, the amendments are effective for fiscal years, and interim periods within those years, beginning after December 15, 2011. We do not anticipate that our adoption of this guidance will have a material impact on our consolidated results.

In September 2011, the FASB issued updated guidance on the periodic testing of goodwill for impairment. The updated guidance gives companies the option to perform a qualitative assessment to determine whether it is more likely than not that the fair value of a reporting unit is less than its carrying amount. The amendment is intended to reduce the cost and complexity of the annual goodwill impairment test by providing entities an option to perform a qualitative assessment to determine whether further impairment testing is necessary. The updated accounting guidance is effective for fiscal years beginning after December 15, 2011, with early adoption permitted. We elected to adopt the updated guidance in 2011. The adoption of this guidance did not impact our consolidated financial statements.

From time to time, new accounting pronouncements are issued by FASB that are adopted by us as of the specified effective date. Unless otherwise discussed, we believe that the impact of recently issued standards, which are not yet effective, will not have a material impact on our consolidated financial statements upon adoption.

## **ITEM 7A. *QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK***

### **Foreign Currency Exchange Risk**

We maintain sales and business operations in foreign countries. As such, we have exposure to adverse changes in exchange rates associated with operating expenses of our foreign operations, but we believe this exposure to be immaterial. Additionally, we accept orders for home robots products in currencies other than the U.S. dollar. We regularly monitor the level of non-U.S. dollar accounts receivable balances to determine if any actions, including possibly entering into foreign currency forward contracts, should be taken to minimize the impact of fluctuating exchange rates on our results of operations. Our international revenue is primarily denominated in U.S. dollars and therefore any fluctuations in the Euro or any other non-U.S. dollar currencies will have minimal direct impact on our international revenue. However, as the U.S. dollar strengthens or weakens against other currencies, our international distributors may be impacted, which could affect their profitability and our ability to maintain current pricing levels on our international consumer products.



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**Interest Rate Sensitivity**

At December 31, 2011, we had unrestricted cash and cash equivalents of \$166.3 million and short term investments of \$17.8 million. The unrestricted cash and cash equivalents are held for working capital purposes. We do not enter into investments for trading or speculative purposes. Some of the securities in which we invest, however, may be subject to market risk. This means that a change in prevailing interest rates may cause the fair market value of the investment to fluctuate. To minimize this risk in the future, we intend to maintain our portfolio of cash equivalents in a variety of securities, commercial paper, money market funds, debt securities and certificates of deposit. Due to the short-term nature of these investments, we believe that we do not have any material exposure to changes in the fair value of our investment portfolio as a result of changes in interest rates. As of December 31, 2011, all of our cash and cash equivalents were held in demand deposits and money market accounts.

Our exposure to market risk also relates to the increase or decrease in the amount of interest expense we must pay on any outstanding debt instruments, primarily certain borrowings under our working capital line of credit. The advances under the working capital line of credit bear a variable rate of interest determined as a function of the LIBOR rate at the time of the borrowing. At December 31, 2011, we had letters of credit outstanding of \$1.7 million under our revolving letter of credit facility.

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**ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA  
iROBOT CORPORATION**

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**Report of Independent Registered Public Accounting Firm**

To the Board of Directors and Stockholders of

iRobot Corporation:

In our opinion, the accompanying consolidated balance sheets and the related consolidated statements of income, of stockholders' equity and of cash flows present fairly, in all material respects, the financial position of iRobot Corporation and its subsidiaries at December 31, 2011 and January 1, 2011, and the results of their operations and their cash flows for each of the three years in the period ended December 31, 2011 in conformity with accounting principles generally accepted in the United States of America. Also in our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of December 31, 2011, based on criteria established in Internal Control Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). The Company's management is responsible for these financial statements, 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. Our responsibility is to express opinions on these financial statements, and on the Company's internal control over financial reporting based on our integrated 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 audits to obtain reasonable assurance about whether the financial statements are free of material misstatement and whether effective internal control over financial reporting was maintained in all material respects. Our audits of the financial statements included examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. Our audit of internal control over financial reporting included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. Our audits also included performing such other procedures as we considered necessary in the circumstances. We believe that our audits provide a reasonable basis for our opinions.

A company's internal control over financial reporting is a process designed 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 (i) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (ii) 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 (iii) 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 its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

/s/ PricewaterhouseCoopers LLP

Boston, Massachusetts

February 17, 2012

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**iROBOT CORPORATION**  
**CONSOLIDATED BALANCE SHEETS**

	December 31, 2011	January 1, 2011
	(In thousands)	
<b>ASSETS</b>		
Current assets:		
Cash and cash equivalents	\$ 166,308	\$ 108,383
Short term investments	17,811	13,928
Accounts receivable, net of allowance of \$87 and \$88 at December 31, 2011 and January 1, 2011, respectively	43,338	34,056
Unbilled revenue	2,362	4,012
Inventory	31,089	27,160
Deferred tax assets	15,344	12,917
Other current assets	7,928	6,137
<b>Total current assets</b>	<b>284,180</b>	<b>206,593</b>
Property and equipment, net	29,029	25,620
Deferred tax assets	6,127	8,338
Other assets	12,877	13,780
<b>Total assets</b>	<b>\$ 332,213</b>	<b>\$ 254,331</b>
<b>LIABILITIES, REDEEMABLE CONVERTIBLE PREFERRED AND STOCKHOLDERS EQUITY</b>		
Current liabilities:		
Accounts payable	\$ 48,406	\$ 38,689
Accrued expenses	17,188	15,790
Accrued compensation	17,879	17,827
Deferred revenue and customer advances	1,527	3,534
<b>Total current liabilities</b>	<b>85,000</b>	<b>75,840</b>
Long term liabilities	4,255	3,584
Commitments and contingencies (Note 11):		
Redeemable convertible preferred stock, 5,000,000 shares authorized and no shares issued or outstanding		
Common stock, \$0.01 par value, 100,000,000 and 100,000,000 shares authorized and 27,216,555 and 25,844,840 shares issued and outstanding at December 31, 2011 and January 1, 2011, respectively		
Additional paid-in capital	272	258
Retained earnings	184,395	156,620
Accumulated other comprehensive income	58,140	17,949
	151	80
<b>Total stockholders equity</b>	<b>242,958</b>	<b>174,907</b>
<b>Total liabilities, redeemable convertible preferred stock and stockholders equity</b>	<b>\$ 332,213</b>	<b>\$ 254,331</b>

See accompanying Notes to Consolidated Financial Statements

**Table of Contents****iROBOT CORPORATION****CONSOLIDATED STATEMENTS OF INCOME**

	Fiscal Year Ended		
	December 31, 2011	January 1, 2011	January 2, 2010
	(In thousands, except per share amounts)		
<b>Revenue:</b>			
Product revenue	\$ 426,525	\$ 360,394	\$ 262,199
Contract revenue	38,975	40,558	36,418
Total revenue	465,500	400,952	298,617
<b>Cost of revenue:</b>			
Cost of product revenue(1)	246,905	228,403	176,631
Cost of contract revenue(1)	26,477	27,117	30,790
Total cost of revenue	273,382	255,520	207,421
Gross margin	192,118	145,432	91,196
<b>Operating expenses:</b>			
Research and development(1)	36,498	24,809	14,747
Selling and marketing(1)	58,544	50,535	40,902
General and administrative(1)	43,753	36,618	30,110
Total operating expenses	138,795	111,962	85,759
Operating income	53,323	33,470	5,437
Other income (expense), net	218	504	(81)
Income before income taxes	53,541	33,974	5,356
Income tax expense	13,350	8,460	2,026
Net income	\$ 40,191	\$ 25,514	\$ 3,330
Net income per share			
Basic	\$ 1.50	\$ 1.00	\$ 0.13
Diluted	\$ 1.44	\$ 0.96	\$ 0.13
Number of shares used in per share calculations			
Basic	26,712	25,394	24,998
Diluted	27,924	26,468	25,640

(1) Stock-based compensation recorded in fiscal 2011, 2010 and 2009 breaks down by expense classification as follows:

**CONSOLIDATED STATEMENTS OF INCOME****Fiscal Year Ended**

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	December 31, 2011	January 1, 2011 (In thousands)	January 2, 2010
Cost of product revenue	\$ 1,197	\$ 1,311	\$ 1,127
Cost of contract revenue	478	446	575
Research and development	743	725	351
Selling and marketing	724	1,161	1,410
General and administrative	5,642	4,522	4,099

See accompanying Notes to Consolidated Financial Statements

**Table of Contents****iROBOT CORPORATION****CONSOLIDATED STATEMENTS OF STOCKHOLDERS EQUITY**

	Common Stock		Additional Paid-In Capital	Deferred Compensation	Retained Earnings (Accumulated Deficit)	Accumulated Other Comprehensive Income (Loss)	Stockholders Equity	Comprehensive Income
	Shares	Value						
<b>Balance at December 27, 2008</b>	24,810,736	\$ 248	\$ 130,637	\$ (314)	\$ (10,895)	\$	\$ 119,676	
Issuance of common stock for exercise of stock options	243,791	3	735				738	
Vesting of restricted stock units	42,829							
Tax benefit of excess stock based compensation deduction			1,873				1,873	
Amortization of deferred compensation relating to stock options			7,318	244			7,562	
Stock withheld to cover tax withholdings requirements upon vesting of restricted stock units	(5,737)		(76)				(76)	
Reversal of deferred compensation related to cancelled stock options			(6)	6				
Unrealized loss on short term investment						(41)	(41)	(41)
Director s deferred compensation			132				132	
Net income					3,330		3,330	3,330
Comprehensive Income								\$ 3,289
<b>Balance at January 2, 2010</b>	25,091,619	\$ 251	\$ 140,613	\$ (64)	\$ (7,565)	\$ (41)	\$ 133,194	
Issuance of common stock for exercise of stock options	667,462	6	6,584				6,590	
Vesting of restricted stock units	101,348	1	(1)					
Tax benefit of excess stock based compensation deduction			1,475				1,475	
Amortization of deferred compensation relating to stock options			8,102	63			8,165	
Stock withheld to cover tax withholdings requirements upon vesting of restricted stock units	(15,589)		(284)				(284)	
Reversal of deferred compensation related to cancelled stock options			(1)	1				
Unrealized gain on short term investment						121	121	121
Director s deferred compensation			132				132	
Net income					25,514		25,514	25,514
Comprehensive Income								\$ 25,635
<b>Balance at January 1, 2011</b>	25,844,840	\$ 258	\$ 156,620	\$	\$ 17,949	\$ 80	\$ 174,907	
Issuance of common stock for exercise of stock options	1,232,721	13	13,388				13,401	
Vesting of restricted stock units	167,875	1	(1)					
Tax benefit of excess stock based compensation deduction			6,370				6,370	
Amortization of deferred compensation relating to stock options			8,784				8,784	

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Stock withheld to cover tax withholdings requirements upon vesting of restricted stock units	(28,881)	(928)	(928)				
Unrealized gain on short term investment				71	71	71	
Director s deferred compensation		162			162		
Net income				40,191	40,191	40,191	
Comprehensive Income							\$ 40,262
<b>Balance at December 31, 2011</b>	27,216,555	\$ 272	\$ 184,395	\$ 58,140	\$ 151	\$ 242,958	

See accompanying Notes to Consolidated Financial Statements



**Table of Contents****iROBOT CORPORATION****CONSOLIDATED STATEMENTS OF CASH FLOWS**

	Fiscal Year Ended		
	December 31, 2011	January 1, 2011 (In thousands)	January 2, 2010
<b>Cash flows from operating activities:</b>			
Net income	\$ 40,191	\$ 25,514	\$ 3,330
Adjustments to reconcile net income to net cash provided by operating activities:			
Depreciation and amortization	10,312	7,541	8,074
Loss on disposal of property and equipment	599	204	202
Stock based compensation	8,784	8,165	7,562
Deferred income taxes, net	6,154	(4,998)	(1,078)
Tax benefit of excess stock based compensation deductions	(6,917)	(2,622)	(2,239)
Non-cash director deferred compensation	162	132	132
Changes in operating assets and liabilities (use) source			
Accounts receivable	(9,282)	1,115	759
Unbilled revenue	1,650	(2,181)	183
Inventory	(3,929)	5,246	2,154
Other assets	(1,843)	(2,082)	(816)
Accounts payable	9,717	8,130	11,015
Accrued expenses	1,421	1,495	3,385
Accrued compensation	52	4,302	7,132
Deferred revenue	(2,007)	(374)	1,276
Long term liabilities	671	(430)	(430)
Net cash provided by operating activities	55,735	49,157	40,641
<b>Cash flows from investing activities:</b>			
Additions of property and equipment	(13,011)	(12,597)	(5,038)
Purchase of Nekton Research, LLC, net of cash received			(2,500)
Purchase of investments	(9,189)	(30,461)	(5,000)
Sales of investments	5,000	21,500	
Net cash used in investing activities	(17,200)	(21,558)	(12,538)
<b>Cash flows from financing activities:</b>			
Income tax withholding payment associated with restricted stock vesting	(928)	(284)	(76)
Proceeds from stock option exercises	13,401	6,590	738
Tax benefit of excess stock based compensation deductions	6,917	2,622	2,239
Net cash provided by financing activities	19,390	8,928	2,901
Net increase in cash and cash equivalents	57,925	36,527	31,004
Cash and cash equivalents, at beginning of period	108,383	71,856	40,852
Cash and cash equivalents, at end of period	\$ 166,308	\$ 108,383	\$ 71,856
<b>Supplemental disclosure of cash flow information</b>			
Cash paid for income taxes	\$ 8,046	\$ 17,807	\$ 1,127

See accompanying Notes to Consolidated Financial Statements



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**iROBOT CORPORATION**

**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

**1. Nature of the Business**

iRobot Corporation ( iRobot or the Company ) develops robotics and artificial intelligence technologies and applies these technologies in producing and marketing robots. The majority of the Company s revenue is generated from product sales and government and industrial research and development contracts.

**2. Summary of Significant Accounting Policies**

***Basis of Presentation***

The accompanying consolidated financial statements include those of iRobot and its subsidiaries, after elimination of all intercompany accounts and transactions. In addition, certain prior year amounts have been reclassified to conform with the current year presentation. iRobot has prepared the accompanying consolidated financial statements in conformity with accounting principles generally accepted in the United States of America.

***Use of Estimates***

The preparation of these financial statements in conformity with accounting principles generally accepted in the United States requires the Company to make estimates and judgments that affect the reported amounts of assets, liabilities, revenues and expenses, and disclosure of contingent assets and liabilities. On an ongoing basis, management evaluates these estimates and judgments, including those related to revenue recognition, sales returns, bad debts, warranty claims, inventory reserves, valuation of investments, assumptions used in valuing stock-based compensation instruments and income taxes. The Company bases these estimates on historical and anticipated results, and trends and on various other assumptions that the Company believes are reasonable under the circumstances, including assumptions as to future events. These estimates form the basis for making judgments about the carrying values of assets and liabilities that are not readily apparent from other sources. By their nature, estimates are subject to an inherent degree of uncertainty. Actual results may differ from the Company s estimates.

***Fiscal Year-End***

The Company operates and reports using a 52-53 week fiscal year ending on the Saturday closest to December 31. Accordingly, the Company s fiscal quarters will end on the Saturday that falls closest to the last day of the third month of each quarter.

***Cash and Cash Equivalents***

The Company considers all highly liquid investments with an original or remaining maturity of three months or less at the time of purchase to be cash equivalents. The Company invests its excess cash primarily in money market funds or savings accounts of major financial institutions. Accordingly, its cash equivalents are subject to minimal credit and market risk. At December 31, 2011 and January 1, 2011, cash equivalents were comprised of money market funds totaling \$117.2 million and \$5.1 million, respectively. These cash equivalents are carried at cost, which approximates fair value.

**Table of Contents****iROBOT CORPORATION****NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)*****Short Term Investments***

The Company's investments are classified as available-for-sale and are recorded at fair value with any unrealized gain or loss recorded as an element of stockholders' equity. The fair value of investments is determined based on quoted market prices at the reporting date for those instruments. As of December 31, 2011 and January 1, 2011, investments consisted of:

	December 31, 2011		January 1, 2011	
	Cost	Fair Market Value	Cost	Fair Market Value
	(In thousands)			
Corporate bond	\$ 15,654	\$ 15,309	\$ 11,465	\$ 11,424
U.S. Government bond	2,500	2,502	2,498	2,504
<b>Total short term investments</b>	<b>\$ 18,154</b>	<b>\$ 17,811</b>	<b>\$ 13,963</b>	<b>\$ 13,928</b>

As of December 31, 2011, the Company's investments had maturity dates ranging from October 2012 to November 2014.

***Revenue Recognition***

The Company derives its revenue from product sales, government research and development contracts, and commercial research and development contracts. The Company sells products directly to customers and indirectly through resellers and distributors. The Company recognizes revenue from sales of home robots under the terms of the customer agreement upon transfer of title and risk of loss to the customer, net of estimated returns, provided that collection is determined to be reasonably assured and no significant obligations remain. Sales to domestic resellers are typically subject to agreements allowing for limited rights of return, rebates and price protection. Accordingly, the Company reduces revenue for its estimates of liabilities for these rights of return at the time the related sale is recorded. The Company makes an estimate of sales returns for products sold by domestic resellers directly based on historical returns experience and other relevant data. The Company's international distributor agreements do not currently allow for product returns and, as a result, no reserve for returns is established for this group of customers. The Company has aggregated and analyzed historical returns from domestic resellers and end users which form the basis of its estimate of future sales returns by resellers or end users. When a right of return exists, the provision for these estimated returns is recorded as a reduction of revenue at the time that the related revenue is recorded. If actual returns differ significantly from its estimates, such differences could have a material impact on the Company's results of operations for the period in which the returns become known. The estimates for returns are adjusted periodically based upon historical rates of returns. The estimates and reserve for rebates and price protection are based on specific programs, expected usage and historical experience. Actual results could differ from these estimates.

Under cost-plus-fixed-fee ( CPFF ) type contracts, the Company recognizes revenue based on costs incurred plus a pro rata portion of the total fixed fee. Costs incurred include labor and material that are directly associated with individual CPFF contracts plus indirect overhead and general and administrative type costs based upon billing rates submitted by the Company to the Defense Contract Management Agency ( DCMA ). Annually, the Company submits final indirect billing rates to DCMA based upon actual costs incurred throughout the year. In the situation where the Company's final actual billing rates are greater than the provisional rates currently in effect, the Company records a cumulative revenue adjustment in the period in which the rate differential is collected from the customer. These final billing rates are subject to audit by the Defense Contract Audit Agency ( DCAA ), which can occur several years after the final billing rates are submitted and may result in material adjustments to revenue recognized based on estimated final billing rates. As of December 31, 2011, fiscal years 2007, 2008, 2009, 2010 and 2011 are open for audit by DCAA. In the situation where the Company's



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anticipated actual billing rates will be lower than the provisional rates currently in effect, the Company records a cumulative revenue adjustment in the period in which the rate differential is identified. Revenue on firm fixed price ( FFP ) contracts is recognized using the percentage-of-completion method. For government product FFP contracts, revenue is recognized as the product is shipped or in accordance with the contract terms. Costs and estimated gross margins on contracts are recorded as revenue as work is performed based on the percentage that incurred costs compare to estimated total costs utilizing the most recent estimates of costs and funding. Changes in job performance, job conditions, and estimated profitability, including those arising from final contract settlements and government audits, may result in revisions to costs and income and are recognized in the period in which the revisions are determined. Since many contracts extend over a long period of time, revisions in cost and funding estimates during the progress of work have the effect of adjusting earnings applicable to past performance in the current period. When the current contract estimate indicates a loss, a provision is made for the total anticipated loss in the current period. Revenue earned in excess of billings, if any, is recorded as unbilled revenue. Billings in excess of revenue earned, if any, are recorded as deferred revenue.

***Allowance for Doubtful Accounts***

The Company maintains an allowance for doubtful accounts to provide for the estimated amount of accounts receivable that may not be collected. The allowance is based upon an assessment of customer creditworthiness, historical payment experience and the age of outstanding receivables.

Activity related to the allowance for doubtful accounts was as follows:

	<b>Fiscal Year Ended</b>		
	<b>December 31, 2011</b>	<b>January 1, 2011</b>	<b>January 2, 2010</b>
	<b>(In thousands)</b>		
Balance at beginning of period	\$ 88	\$ 90	\$ 65
Provision			32
Deduction(*)	(1)	(2)	(7)
Balance at end of period	\$ 87	\$ 88	\$ 90

(\*) Deductions related to allowance for doubtful accounts represent amounts written off against the allowance, less recoveries.

***Inventory***

Inventory is stated at the lower of cost or net realizable value with cost being determined using the first-in, first-out (FIFO) method. The Company maintains a reserve for inventory items to provide for an estimated amount of excess or obsolete inventory.

Activity related to the inventory reserve was as follows:

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	December 31, 2011	Fiscal Year Ended January 1, 2011 (In thousands)	January 2, 2010
Balance at beginning of period	\$ 2,836	\$ 3,713	\$ 2,770
Provision	411	677	2,117
Deduction(*)	(679)	(1,554)	(1,174)
Balance at end of period	\$ 2,568	\$ 2,836	\$ 3,713

(\*) Deductions related to inventory reserve accounts represent amounts written off against the reserve.

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Property and equipment are recorded at cost and consist primarily of computer equipment, leasehold improvements, business applications software and machinery. Depreciation is computed using the straight-line method over the estimated useful lives as follows:

	<b>Estimated Useful Life</b>
Computer and research equipment	3 years
Furniture	5
Machinery	2-5
Tooling	2-5
Business applications software	5-7
Capital leases and leasehold improvements	Term of lease

Expenditures for additions, renewals and betterments of plant and equipment are capitalized. Expenditures for repairs and maintenance are charged to expense as incurred. As assets are retired or sold, the related cost and accumulated depreciation are removed from the accounts and any resulting gain or loss is credited or charged to operations.

***Long-Lived Assets, including Purchased Intangible Assets***

The Company periodically evaluates the recoverability of long-lived assets, including other purchased intangible assets whenever events and changes in circumstances, such as reductions in demand or significant economic slowdowns in the industry, indicate that the carrying amount of an asset may not be fully recoverable. When indicators of impairment are present, the carrying values of the asset group are evaluated in relation to the future undiscounted cash flows of the underlying business. The net book value of the underlying asset is adjusted to fair value if the sum of the expected discounted cash flows is less than book value. Fair values are based on estimates of market prices and assumptions concerning the amount and timing of estimated future cash flows and assumed discount rates, reflecting varying degrees of perceived risk. There were no impairment charges recorded during any of the periods presented.

***Goodwill***

Goodwill is recorded as the difference, if any, between the aggregate consideration paid for an acquisition and the fair value of the net tangible and intangible assets acquired. The Company evaluates goodwill for impairment at the reporting unit level (operating segment or one level below an operating segment) annually or more frequently if the Company believes indicators of impairment exist. In 2011, the Company early adopted the new provisions issued by the Financial Accounting Standards Board ( FASB ) that intended to simplify goodwill impairment testing. The updated guidance permits the Company to first assess qualitative factors to determine whether it is more likely than not that the fair value of a reporting unit is less than its carrying amount. If the Company concludes that it is more likely than not that the fair value of a reporting unit is less than its carrying amount, then a two-step goodwill impairment test is performed. The first step of the impairment test involves comparing the fair values of the applicable reporting units with their aggregate carrying values, including goodwill. If the carrying amount of a reporting unit exceeds the reporting unit's fair value, the Company performs the second step of the goodwill impairment test to determine the amount of impairment loss. The second step of the goodwill impairment test involves comparing the implied fair value of the affected reporting unit's goodwill with the carrying value of that goodwill.



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**iROBOT CORPORATION**

**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

***Research and Development***

Costs incurred in the research and development of the Company's products, classified as cost of contract and research and development, are expensed as incurred.

***Internal Use Software***

The Company capitalizes costs associated with the development and implementation of software obtained for internal use. At December 31, 2011 and January 1, 2011, the Company had \$8.3 million and \$5.8 million respectively, of costs related to enterprise-wide software included in fixed assets. Capitalized costs are being amortized over the assets' estimated useful lives. The Company has recorded \$0.9 million, \$0.9 million and \$0.9 million of amortization expense for the years ended December 31, 2011, January 1, 2011 and January 2, 2010, respectively.

***Concentration of Credit Risk and Significant Customers***

The Company maintains its cash in bank deposit accounts at high quality financial institutions. The individual balances, at times, may exceed federally insured limits. At December 31, 2011 and January 1, 2011 the Company exceeded the insured limit by \$187.5 million and \$125.4 million, respectively.

Financial instruments which potentially expose the Company to concentrations of credit risk consist of accounts receivable. Management believes its credit policies are prudent and reflect normal industry terms and business risk. At December 31, 2011 four customers accounted for a total of 63% of the Company's accounts receivable balance, each of which was greater than 10% of the balance. Two of the customers accounting for 29% of the Company's accounts receivable balance secured their balance with guaranteed letters of credit. At January 1, 2011, two customers accounted for 22% and 19% of the Company's accounts receivable balance. The customer accounting for 22% of the Company's accounts receivable balance secured their balance with guaranteed letters of credit. For the years ended December 31, 2011, January 1, 2011, and January 2, 2010, revenue from U.S. federal government orders, contracts and subcontracts, represented 36.1%, 38.4% and 36.9% of total revenue, respectively. For the fiscal year ended December 31, 2011 and January 1, 2011, the Company generated 9.4% and 17.4%, respectively of total revenue from The Boeing Company as a subcontractor under U.S. federal government contracts. For the fiscal year ended December 31, 2011, the Company generated 23.6% of total revenue from two of its international distributors of home robots products.

***Foreign Currency Forward Contracts***

The Company periodically enters into foreign currency forward contracts to sell foreign currencies for United States dollars. The Company's objective in entering into these contracts was to reduce foreign currency exposure to appreciation or depreciation in the value of its foreign currency based accounts receivable balances by partially offsetting a portion of such exposure with gains or losses on the forward contracts.

These foreign currency contracts did not qualify for hedge accounting. Accordingly, the foreign currency forward contracts were marked-to-market and recorded at fair value with unrealized gains and losses reported along with foreign currency gains or losses in the caption other income (expense), net on the Company's consolidated statements of income. As of December 31, 2011, the Company did not have any foreign currency forward contracts.

***Stock-Based Compensation***

The Company accounts for stock-based compensation through recognition of the fair value of the stock-based compensation as a charge against earnings. Stock-based compensation cost for stock options is estimated at the grant date based on each option's fair-value as calculated by the Black-Scholes option-pricing model. Stock-based compensation cost for restricted stock awards and restricted stock units is measured based on the closing



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fair market value of the Company's common stock on the date of grant. The Company recognizes stock-based compensation cost as expense ratably on a straight-line basis over the requisite service period, net of estimated forfeitures.

**Advertising Expense**

The Company expenses advertising costs as they are incurred. During the years ended December 31, 2011, January 1, 2011 and January 2, 2010 advertising expense totaled \$20.4 million, \$13.8 million and \$7.0 million, respectively.

**Net Income Per Share**

The following table presents the calculation of both basic and diluted net income per share:

	Fiscal Year Ended		
	December 31, 2011	January 1, 2011	January 2, 2010
Net income	\$ 40,191	\$ 25,514	\$ 3,330
Weighted-average shares outstanding	26,712	25,394	24,998
Dilutive effect of employee stock options and restricted shares	1,212	1,074	642
Diluted weighted average shares outstanding	27,924	26,468	25,640
Basic income per share	\$ 1.50	\$ 1.00	\$ 0.13
Diluted income per share	\$ 1.44	\$ 0.96	\$ 0.13

Potentially dilutive securities representing approximately 0.4 million, 1.0 million and 2.3 million shares of common stock for the fiscal years ended December 31, 2011, January 1, 2011 and January 2, 2010, respectively, were excluded from the computation of diluted earnings per share for these periods because their effect would have been antidilutive.

**Income Taxes**

The Company is subject to taxation in the United States and various states and foreign jurisdictions. The statute of limitations for assessment by the IRS and state tax authorities is closed for fiscal years prior to December 31, 2008, although carryforward attributes that were generated prior to fiscal year 2008 may still be adjusted upon examination by the IRS or state tax authorities if they either have been or will be used in a future period. The IRS is currently beginning to examine the Company's tax returns for the years 2009 and 2010.

Deferred taxes are determined based on the difference between the financial statement and tax basis of assets and liabilities using enacted tax rates in effect in the years in which the differences are expected to reverse. Valuation allowances are provided if based upon the weight of available evidence, it is more likely than not that some or all of the deferred tax assets will not be realized.

The Company monitors the realization of its deferred tax assets based on changes in circumstances, for example recurring periods of income for tax purposes following historical periods of cumulative losses or changes in tax laws or regulations. The Company's income tax provisions and its assessment of the ability to realize its deferred tax assets involve significant judgments and estimates.

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In fiscal 2007, the Company completed an analysis of historical and projected future profitability which resulted in the full release of the valuation allowance relating to federal deferred tax assets. In fiscal 2010, based

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on recent and expected increased future profitability, the Company released its valuation allowance relating to state deferred tax assets. At December 31, 2011, the Company has total deferred tax assets of \$21.5 million with no valuation allowance.

**Comprehensive Income**

Accumulated other comprehensive income includes unrealized gains and losses on certain investments. The differences between net income and comprehensive income were related to unrealized gains (losses) on investments, net of tax.

**Fair Value Measurements**

The authoritative guidance for fair value establishes a three-tier fair value hierarchy, which prioritizes the inputs used in measuring fair value. These tiers include: Level 1, defined as observable inputs such as quoted prices in active markets; Level 2, defined as inputs other than quoted prices in active markets that are either directly or indirectly observable; and Level 3, defined as unobservable inputs in which little or no market data exists, therefore requiring an entity to develop its own assumptions.

The Company's assets measured at fair value on a recurring basis at December 31, 2011, were as follows:

Description	Fair Value Measurements as of December 31, 2011		
	Level 1	Level 2 (In thousands)	Level 3
<b>Assets:</b>			
Money Market Funds	\$ 117,196	\$	\$
U.S. Government bonds		2,502	
Corporate bonds		15,309	
<b>Total assets measured at fair value</b>	<b>\$ 117,196</b>	<b>\$ 17,811</b>	<b>\$</b>

The bond investments are valued based on observable market values as of the Company's reporting date and are included in Level 2. The bond investments are recorded at fair value and marked-to-market at the end of each reporting period and realized and unrealized gains and losses are included in comprehensive income for that period. The fair value of the Company's bond investments are included in short term investments in its consolidated balance sheet.

The Company's assets measured at fair value on a recurring basis at January 1, 2011, were as follows:

Description	Fair Value Measurements as of January 1, 2011		
	Level 1	Level 2 (In thousands)	Level 3
<b>Assets:</b>			
Money Market Funds	\$ 5,090	\$	\$
U.S. Government bonds		2,504	
Corporate bonds		11,424	
<b>Total assets measured at fair value</b>	<b>\$ 5,090</b>	<b>\$ 13,928</b>	<b>\$</b>

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The bond investments are valued based on observable market values as of the Company's reporting date and is included in Level 2. The bond investment is recorded at fair value and marked-to-market at the end of each reporting period and realized and unrealized gains and losses are included in comprehensive income for that

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period. The fair value of the Company's bond investment is included in short term investments in its consolidated balance sheet.

***Recent Accounting Pronouncements***

In May 2011, the FASB issued amended guidance on fair value measurement and related disclosures. The new guidance clarifies the concepts applicable for fair value measurement of non-financial assets and requires the disclosure of quantitative information about the unobservable inputs used in a fair value measurement. This guidance will be effective for reporting periods beginning after December 15, 2011, and will be applied prospectively. The Company does not anticipate a material impact on its consolidated financial statements as a result of the adoption of this amended guidance.

In June 2011, the FASB amended its accounting guidance on the presentation of other comprehensive income (OCI) in an entity's financial statements. The amended guidance eliminates the option to present the components of OCI as part of the statement of changes in shareholders equity and provides two options for presenting OCI: in a statement included in the income statement or in a separate statement immediately following the income statement. The amendments do not change the guidance for the items that have to be reported in OCI or when an item of OCI has to be moved into net income. For public entities, the amendments are effective for fiscal years, and interim periods within those years, beginning after December 15, 2011. The Company does not anticipate that its adoption of this guidance will have a material impact on its consolidated results.

In September 2011, the FASB issued updated guidance on the periodic testing of goodwill for impairment. The updated guidance gives companies the option to perform a qualitative assessment to determine whether it is more likely than not that the fair value of a reporting unit is less than its carrying amount. The amendment is intended to reduce the cost and complexity of the annual goodwill impairment test by providing entities an option to perform a qualitative assessment to determine whether further impairment testing is necessary. The updated accounting guidance is effective for fiscal years beginning after December 15, 2011, with early adoption permitted. The Company elected to adopt the updated guidance in 2011. The adoption of this guidance did not impact its consolidated financial statements.

From time to time, new accounting pronouncements are issued by FASB that are adopted by the Company as of the specified effective date. Unless otherwise discussed, the Company believes that the impact of recently issued standards, which are not yet effective, will not have a material impact on the Company's consolidated financial statements upon adoption.

**3. Inventory**

Inventory consists of the following at:

	December 31, 2011	January 1, 2011
	(In thousands)	
Raw materials	\$ 7,769	\$ 6,723
Work in process		27
Finished goods	23,320	20,410
	\$ 31,089	\$ 27,160

**Table of Contents****iROBOT CORPORATION****NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)****4. Property and Equipment**

Property and equipment consists of the following at:

	December 31, 2011	January 1, 2011
	(In thousands)	
Computer and equipment	\$ 17,616	\$ 16,852
Furniture	2,732	2,484
Machinery	3,375	1,981
Tooling	7,303	5,213
Leasehold improvements	15,459	13,532
Software purchased for internal use	8,338	5,771
	54,823	45,833
Less: accumulated depreciation	25,794	20,213
	\$ 29,029	\$ 25,620

Depreciation expense for the years ended December 31, 2011, January 1, 2011 and January 2, 2010 was \$9.0 million, \$7.0 million, and \$7.5 million, respectively.

**5. Other Assets**

Other assets consists of the following at:

	December 31, 2011	January 1, 2011
	(In thousands)	
Goodwill and intangible assets, net	\$ 10,377	\$ 11,280
Investment in Advanced Scientific Concepts, Inc.	2,500	2,500
	\$ 12,877	\$ 13,780

Goodwill and Intangible assets are the result of the acquisition of Nekton Research, LLC ( Nekton ), See Note 13 to the Consolidated Financial Statements for a more detailed discussion of the Goodwill and intangible assets, net.

In November 2007, the Company recorded an investment of \$2.5 million in a series of preferred stock of Advanced Scientific Concepts, Inc. This investment is accounted for at cost. The Company regularly monitors this investment to determine if facts and circumstances have changed in a manner that would require a change in accounting methodology. Additionally, the Company regularly evaluates whether or not this investment has been impaired by considering such factors as economic environment, market conditions, operational performance and other specific factors relating to the business underlying the investment. If any such impairment is identified, a reduction in the carrying value of the investment would be recorded at that time. Since the Company believes the fair value of its investment is greater than the carrying value of its investment, it has not impaired this investment.





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Accrued expenses consist of the following at:

	December 31, 2011	January 1, 2011
	(In thousands)	
Accrued warranty	\$ 10,306	\$ 9,284
Accrued direct fulfillment costs	1,907	2,405
Accrued rent	726	592
Accrued sales commissions	411	432
Accrued accounting fees	354	439
Accrued other	3,484	2,638
	\$ 17,188	\$ 15,790

**7. Revolving Line of Credit**

The Company has an unsecured revolving credit facility with Bank of America, N.A., which is available to fund working capital and other corporate purposes. As of December 31, 2011, the total amount available for borrowing under its credit facility was \$75.0 million and the full amount was available for borrowing. The interest on loans under the credit facility will accrue, at a rate between LIBOR plus 1% and LIBOR plus 1.5% based on the Company's ratio of indebtedness to Adjusted EBITDA. The credit facility will terminate and all amounts outstanding thereunder will be due and payable in full on June 14, 2014.

As of December 31, 2011, the Company had no borrowings under its working capital line of credit. This credit facility contains customary terms and conditions for credit facilities of this type, including restrictions on the Company's ability to incur or guaranty additional indebtedness, create liens, enter into transactions with affiliates, make loans or investments, sell assets, pay dividends or make distributions on, or repurchase, the Company's stock, and consolidate or merge with other entities.

In addition, the Company is required to meet certain financial covenants customary with this type of agreement, including maintaining a minimum specified consolidated net worth, a minimum ratio of indebtedness to Adjusted EBITDA, and a minimum specified interest coverage ratio.

This credit facility contains customary events of default, including for payment defaults, breaches of representations, breaches of affirmative or negative covenants, cross defaults to other material indebtedness, bankruptcy and failure to discharge certain judgments. If a default occurs and is not cured within any applicable cure period or is not waived, the Company's obligations under the credit facility may be accelerated.

As of December 31, 2011, the Company was in compliance with all covenants under its credit facility.

**8. Common Stock**

Common stockholders are entitled to one vote for each share held and to receive dividends if and when declared by the Board of Directors and subject to and qualified by the rights of holders of the preferred stock. Upon dissolution or liquidation of the Company, holders of common stock will be entitled to receive all available assets subject to any preferential rights of any then outstanding preferred stock.

**9. Stock Option Plans and Stock-Based Compensation**

The Company has options outstanding under three stock incentive plans: the 1994 Stock Option Plan (the 1994 Plan ), the 2004 Stock Option and Incentive Plan (the 2004 Plan ) and the 2005 Stock Option and Incentive Plan (the 2005 Plan and together with the 1994 Plan and the 2004 Plan, the Plans ). The 2005 Plan

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**iROBOT CORPORATION**

**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

is the only one of the three plans under which new awards may currently be granted. Under the 2005 Plan, which became effective October 10, 2005, 1,583,682 shares were initially reserved for issuance in the form of incentive stock options, non-qualified stock options, stock appreciation rights, deferred stock awards and restricted stock awards. Additionally, the 2005 Plan provides that the number of shares reserved and available for issuance under the plan will automatically increase each January 1, beginning in 2007, by 4.5% of the outstanding number of shares of common stock on the immediately preceding December 31. Stock options returned to the Plans as a result of their expiration, cancellation or termination are automatically made available for issuance under the 2005 Plan. Eligibility for incentive stock options is limited to those individuals whose employment status would qualify them for the tax treatment associated with incentive stock options in accordance with the Internal Revenue Code of 1986, as amended. As of December 31, 2011, there were 2,695,397 shares available for future grant under the 2005 Plan.

Options granted under the Plans are subject to terms and conditions as determined by the compensation committee of the board of directors, including vesting periods. Options granted under the Plans are exercisable in full at any time subsequent to vesting, generally vest over periods from zero to five years, and expire seven or ten years from the date of grant or, if earlier, 60 or 90 days from employee termination. The exercise price of incentive stock options is equal to the closing price on the NASDAQ Global Market on the date of grant. The exercise price of nonstatutory options may be set at a price other than the fair market value of the common stock.

In connection with the initial public offering, the Company retrospectively reassessed the fair value of its common stock for options granted during the period from July 1, 2004 to November 8, 2005. As a result of this reassessment, the Company determined that the estimated fair market value used in granting options for the period from July 1, 2004 to December 31, 2004 was reasonable and appropriate. Accordingly, no deferred compensation was recorded for these grants. For the period from January 1, 2005 through November 8, 2005, the Company determined that the estimated fair value of its common stock increased from \$4.60 to \$21.60 due to a number of factors such as, among other things, the likelihood of an initial public offering, its improving operating results and the achievement of other corporate milestones in 2005. Based upon this determination, the Company recorded deferred compensation of approximately \$3.4 million in the twelve months ended December 31, 2005 relating to stock options with exercise prices below the retrospectively reassessed fair market value on the date of grant. The Company recognized associated stock-based compensation expense of \$0.0 million, \$0.1 million and \$0.2 million for the fiscal years ended December 31, 2011, January 1, 2011 and January 2, 2010, respectively.

The Company recognized \$5.2 million of stock-based compensation expense during the fiscal year ended December 31, 2011 for stock options granted subsequent to the Company's initial filing of its Form S-1 with the SEC. The unamortized fair value as of December 31, 2011 associated with these grants was \$11.0 million with a weighted-average remaining recognition period of 2.39 years.

On May 29, 2009, the Company completed a one-time stock option exchange program as approved by its stockholders on May 28, 2009. In accordance with the terms and conditions of the stock option exchange program, the Company issued new options to purchase an aggregate of 310,607 shares of the Company's common stock in exchange for the cancellation of options to purchase an aggregate of 678,850 of the Company's common stock. The exchange ratios were designed to result in the fair value, for accounting purposes, of the new options being approximately equal to the fair value of the exchanged eligible options to ensure the Company minimized any additional compensation expense in connection with the stock option exchange program. The Company incurred no additional compensation expense in connection with the program.

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The fair value of each option grant for the fiscal years ended December 31, 2011, January 1, 2011 and January 2, 2010 (excluding the new options issued in conjunction with the stock option exchange program described in the preceding paragraph for which no incremental compensation expense was realized) was computed on the grant date using the Black-Scholes option-pricing model with the following assumptions:

	Fiscal Year Ended		Fiscal Year Ended		Fiscal Year Ended	
	December 31,		January 1,		January 2,	
	2011		2011		2010	
Risk-free interest rate	0.83%	2.24%	1.27%	2.28%	1.45%	2.50%
Expected dividend yield						
Expected life	4.11	4.31 years	4.00	4.75 years	3.50	4.75 years
Expected volatility	61.0%	63.0%	57.0%	62.0%	55.0%	56.5%

The risk-free interest rate is derived from the average U.S. Treasury constant maturity rate, which approximates the rate in effect at the time of grant, commensurate with the expected life of the instrument. The dividend yield is zero based upon the fact the Company has never paid and has no present intention to pay cash dividends. The expected term calculation is based upon the simplified method provided under the relevant authoritative guidance, the expected term is developed by averaging the contractual term of the stock option grants (7 or 10 years) with the associated vesting term (typically 4 to 5 years). Given the Company's initial public offering in November 2005 and the resulting short history as a public company, the Company could not rely solely on company specific historical data for purposes of establishing expected volatility. Consequently, prior to 2010, the Company performed an analysis that included company specific historical data combined with data of several peer companies with similar expected option lives to develop expected volatility assumptions. During 2010, the Company began to rely solely on company specific historical data for purposes of establishing expected volatility.

Based upon the above assumptions, the weighted average fair value of each stock option granted for the fiscal years ended December 31, 2011, January 1, 2011 and January 2, 2010 (excluding the new options issued in conjunction with the stock option exchange program for which no incremental compensation expense was realized) was \$16.55, \$8.24 and \$4.91, respectively.

**Table of Contents****iROBOT CORPORATION****NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

The table below summarizes stock option plan activity:

	Number of Shares	Weighted Average Exercise Price	Weighted Average Remaining Contractual Term	Aggregate Intrinsic Value(1)
Outstanding at December 27, 2008	3,523,931	\$ 13.24		
Granted	941,406	11.09		
Exercised	(243,791)	3.02		
Canceled	(824,918)	19.89		
Outstanding at January 2, 2010	3,396,628	\$ 11.77		
Granted	1,058,323	16.65		
Exercised	(667,348)	9.87		
Canceled	(130,568)	15.21		
Outstanding at January 1, 2011	3,657,035	\$ 13.40		
Granted	349,650	33.27		
Exercised	(1,232,721)	10.87		
Canceled	(212,672)	15.37		
Outstanding at December 31, 2011	2,561,292	\$ 17.17	4.36 years	\$ 33.6 million
Vested and expected to vest at December 31, 2011	2,454,904	\$ 16.94	4.31 years	\$ 32.7 million
Exercisable as of December 31, 2011	1,397,605	\$ 14.51	3.56 years	\$ 21.4 million
Weighted average fair value of options granted during the fiscal year ended December 31, 2011		\$ 16.55		
Options available for future grant at December 31, 2011	2,695,397			

(1) The aggregate intrinsic value on the table was calculated based upon the positive difference between the closing market value of the Company's stock on December 31, 2011 of \$29.85 and the exercise price of the underlying option. During fiscal years 2011, 2010, and 2009, the total intrinsic value of stock options exercised was \$25.4 million, \$7.5 million and \$2.0 million, respectively. No amounts relating to stock-based compensation have been capitalized.

**Table of Contents****iROBOT CORPORATION****NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

The following table summarizes information about stock options outstanding at December 31, 2011:

Range of Exercise Prices	Number Outstanding	Options Outstanding	Weighted Average Exercise Price	Options Exercisable	
		Weighted Average Remaining Contractual Life		Number Exercisable	Weighted Average Exercise Price
\$ 0.55 \$ 7.76	350,786	3.07 years	\$ 5.40	295,500	\$ 4.96
8.10 13.46	278,793	3.79	11.54	149,955	12.41
13.74 14.13	203,331	3.51	14.07	147,630	14.06
14.52 14.52	509,475	5.20	14.52	147,242	14.52
14.54 17.60	258,210	2.67	16.21	243,993	16.19
17.70 18.74	266,045	5.07	18.20	146,458	18.08
19.85 24.53	346,397	4.40	23.27	255,272	22.82
24.88 29.85	32,555	4.90	28.47	11,555	27.19
33.48 33.48	308,200	6.19	33.48		0.00
35.96 35.96	7,500	6.50	35.96		0.00
\$ 0.55 \$35.96	2,561,292	4.36 years	\$ 17.17	1,397,605	\$ 14.51

The table below summarizes activity relating to restricted stock awards:

	Number of Shares Underlying Restricted Stock	Weighted Average Grant Date Fair Value
Outstanding at December 27, 2008	16,746	\$ 16.03
Granted		
Vested	(5,582)	16.03
Forfeited		
Outstanding at January 2, 2010	11,164	\$ 16.03
Granted		
Vested	(5,582)	16.03
Forfeited		
Outstanding at January 1, 2011	5,582	\$ 16.03
Granted		
Vested	(5,582)	16.03
Forfeited		
Outstanding at December 31, 2011		\$

**Table of Contents****iROBOT CORPORATION****NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

During the fiscal year ended December 31, 2011, the Company recognized \$0.0 million of stock based compensation expense associated with restricted stock awards. As of December 31, 2011, the unamortized fair value of all restricted stock awards was \$0.0 million. The table below summarizes activity relating to restricted stock units:

	Number of Shares Underlying Restricted Stock	Weighted Average Grant Date Fair Value
Outstanding at December 27, 2008	168,716	\$ 15.60
Granted	183,139	9.94
Vested	(46,162)	15.09
Forfeited	(4,469)	16.23
Outstanding at January 2, 2010	301,224	\$ 12.23
Granted	382,564	16.84
Vested	(98,015)	13.18
Forfeited	(15,696)	13.17
Outstanding at January 1, 2011	570,077	\$ 15.14
Granted	282,744	32.08
Vested	(168,041)	15.31
Forfeited	(77,275)	16.73
Outstanding at December 31, 2011	607,505	\$ 22.77

During the fiscal year ended December 31, 2011, the Company recognized \$3.6 million of stock based compensation expense associated with restricted stock units. As of December 31, 2011, January 1, 2011 and January 2, 2010 the unamortized fair value of all restricted stock units was \$11.7 million, \$7.6 million and \$3.2 million, respectively. The Company expects to recognize associated stock-based compensation expense of \$3.9 million, \$3.5 million, \$3.1 million and \$1.2 million in 2012, 2013, 2014 and 2015, respectively.

The following includes significant activity that is included in the stock option activity and restricted stock activity tables above:

On December 30, 2011, in connection with the appointment of a new member to its board of directors, the Company granted 7,370 restricted stock units. Additionally on December 30, 2011, in connection with the commencement of his employment, the Company granted one employee stock options exercisable for an aggregate of 15,000 shares of the Company's common stock and 7,500 restricted stock units. The above stock options have a per share exercise price of \$29.85, the closing price of the Company's common stock on NASDAQ on December 30, 2011. The stock options will vest 25% on the first anniversary of the grant date and quarterly over the following three years, and the restricted stock units will vest 25% on each anniversary of the grant date.

On September 30, 2011, the Company granted to certain employees an annual merit grant totaling 43,400 restricted stock units. These restricted stock units will vest 25% on each anniversary of the grant date.

On July 1, 2011, the Company granted one member of the Board of Directors 6,118 restricted stock units in connection with the commencement of her appointment. These restricted stock units will vest 25% on each anniversary of the grant date. Also on July 1, 2011, the Company granted each of its nine non-employee board members 3,059 restricted stock units. These restricted stock units will vest 100% on the first anniversary of the grant.





**Table of Contents****iROBOT CORPORATION****NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

On April 1, 2011, in connection with the commencement of their employment, the Company granted five employees stock options exercisable for an aggregate of 40,000 shares of the Company's common stock and 19,000 restricted stock units. Additionally, on April 1, 2011, the Company granted to certain employees, including executive officers, an annual merit grant of stock options totaling 281,150 shares of the Company's common stock and 141,575 restricted stock units. Each of the above stock options have a per share exercise price of \$33.48, the closing price of the Company's common stock on NASDAQ on April 1, 2011. The stock options will vest 25% on the first anniversary of the grant date and quarterly thereafter over the following three years. The restricted stock units will vest 25% on each anniversary of the grant date.

**10. Income Taxes**

The components of income tax expense were as follows:

	Fiscal Year Ended		
	December 31, 2011	January 1, 2011 (In thousands)	January 2, 2010
Current			
Federal	\$ 10,088	\$ 14,353	\$ 5,019
State	1,600	1,685	369
Foreign	196	112	42
<b>Total current tax provision</b>	<b>11,884</b>	<b>16,150</b>	<b>5,430</b>
Deferred			
Federal	2,166	(4,196)	(3,404)
State	(700)	(3,494)	
<b>Total deferred tax provision</b>	<b>1,466</b>	<b>(7,690)</b>	<b>(3,404)</b>
<b>Total income tax provision</b>	<b>\$ 13,350</b>	<b>\$ 8,460</b>	<b>\$ 2,026</b>

An immaterial provision has been made for deferred taxes on undistributed earnings of non-U.S. subsidiaries that the Company expects to distribute in 2012. For the remaining undistributed earnings of non-U.S. subsidiaries, no provision has been made for deferred taxes as these earnings have been indefinitely reinvested. Determination of the amount of unrecognized deferred tax liability on these undistributed earnings is not practicable. As of December 31, 2011, a deferred tax liability has not been established for approximately \$0.1 million of cumulative undistributed earnings of non-U.S. subsidiaries, as the Company plans to keep these amounts permanently reinvested overseas.

During the quarter ending January 2, 2010, the Company recorded an out-of-period adjustment in the income tax provision of \$0.2 million to correct an error with respect to the earnings of the Company's India subsidiary. The Company believes that this adjustment did not have a material impact to its full year 2009 results. In addition, management does not believe the adjustment is material to the amounts reported by the Company in previous periods.

**Table of Contents****iROBOT CORPORATION****NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

The components of net deferred tax assets were as follows:

	December 31, 2011	January 1, 2011
	(In thousands)	
Net deferred tax assets		
Current deferred tax assets		
Reserves and accruals	\$ 15,697	\$ 13,253
Tax credits	133	
<b>Total current deferred tax assets</b>	<b>15,830</b>	<b>13,253</b>
Non-current deferred tax assets		
Tax credits	3,027	1,698
Fixed assets		754
Stock based compensation	5,213	5,915
<b>Total non-current deferred tax assets</b>	<b>8,240</b>	<b>8,367</b>
Current deferred tax liabilities		
Prepays	486	336
<b>Total current deferred tax liabilities</b>	<b>486</b>	<b>336</b>
Non-current deferred tax liabilities		
Intangible assets	127	29
Fixed assets	1,986	
<b>Total non-current deferred tax liabilities</b>	<b>2,113</b>	<b>29</b>
<b>Total net deferred tax assets</b>	<b>\$ 21,471</b>	<b>\$ 21,255</b>

In fiscal 2010, based on recent and expected increased future profitability, the Company released its valuation allowance relating to state deferred tax assets.

The table below summarizes activity relating to the valuation allowance:

Fiscal Year Ended	Balance at beginning of period	Additions Charged to Costs and Expenses	Deductions	Balance at End of Period
	(In thousands)			
January 2, 2010	\$ 3,452	\$ 416		\$ 3,868
January 1, 2011	3,868		3,868	

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December 31, 2011

The net deferred tax assets as of December 31, 2011 and January 1, 2011 were \$21.5 million and \$21.3 million, respectively.

As of December 31, 2011, the Company has research and development credits carryforwards available to offset future state taxes of \$4.4 million and investment tax credit carryforwards to offset future state taxes of \$0.7 million, which expire at various dates from 2012 to 2026. As of January 1, 2011, the Company had research and development credits carryforwards available to offset future state taxes of \$2.7 million and investment tax credit carryforwards to offset future state taxes of \$0.4 million, which expire at various dates from 2016 to 2025. Under the Internal Revenue Code, certain substantial changes in the Company's ownership could result in an annual limitation on the amount of these tax carryforwards which can be utilized in future years.

**Table of Contents****iROBOT CORPORATION****NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

The reconciliation of the expected tax (benefit) expense (computed by applying the federal statutory rate to income before income taxes) to actual tax expense was as follows:

	Fiscal Year Ended		
	December 31, 2011	January 1, 2011	January 2, 2010
	(In thousands)		
Expected federal income tax	\$ 18,739	\$ 11,891	\$ 1,991
Miscellaneous permanent items	(13)	164	125
State taxes	543	1,545	94
Federal and state research credits	(3,283)	(997)	(367)
Domestic production activities deduction	(2,695)		
Non deductible stock compensation			259
Conversion of incentive stock options(1)			(346)
Other	59	(275)	111
Increase (decrease) in valuation allowance		(3,868)	159
	\$ 13,350	\$ 8,460	\$ 2,026

(1) The Company recorded a discrete benefit from the conversion of incentive stock options to non-qualified stock options as a result of its stock option exchange program which concluded in the second fiscal quarter of 2009. Prior to January 1, 2011, the Company had no material unrecognized tax benefits recorded. A summary of the Company's adjustments to its uncertain tax position in the current year is as follows:

	Fiscal Year Ended December 31, 2011
Balance at beginning of period	\$ 0
Increase for tax positions related to the current year	1,218
Increase for tax positions related to prior years	1,221
Decreases for settlements with applicable taxing authorities	
Decreases for lapses of statute of limitations	
Balance at end of period	\$ 2,439

The Company recognizes interest and penalties related to unrecognized tax benefits in its tax provision. As of December 31, 2011, January 1, 2011 and January 2, 2010, there were no material accrued interest or penalties. We anticipate the settlement of federal tax audits may be finalized within the next twelve months and could result in a decrease in our unrecognized tax benefits of up to \$1.0 million. If all of our unrecognized tax benefits as of December 31, 2011 were to become recognizable in the future, we would record a \$1.9 million benefit to the income tax provision.

We follow the with and without approach for direct and indirect effects of the windfall tax deductions.

**11. Commitments and Contingencies**

*Legal*

On August 17, 2007, the Company filed a lawsuit in Massachusetts Superior Court against Robotic FX, Inc. and Jameel Ahed alleging, among other things, misappropriation of trade secrets and breach of contract, and seeking both injunctive and monetary relief. The case was subsequently removed to the United States District

**Table of Contents****iROBOT CORPORATION****NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

Court for the District of Massachusetts. On November 2, 2007, the court issued a preliminary injunction, and on December 21, 2007 issued a permanent injunction, against Robotic FX, Inc. and Mr. Ahed preventing the sale of products using certain of the Company's trade secrets, including the Robotic FX Negotiator product.

In addition, on August 17, 2007, the Company filed a lawsuit in the United States District Court for the Northern District of Alabama against Robotic FX, Inc. alleging willful infringement of two patents owned by the Company, and seeking both injunctive and monetary relief. On December 21, 2007, the court entered a judgment that Robotic FX, Inc. knowingly infringed on both asserted patents.

In a related settlement, Robotic FX, Inc. was dissolved and certain residual assets were retained by the Company at its election. Mr. Ahed is prohibited from participating in competitive activities in the robotics industry for five years.

The cumulative litigation and settlement-related expenditures associated with this dispute are expected to total approximately \$3.0 million, including an obligation to make cash payments up to \$0.4 million through 2012, contingent upon Mr. Ahed and Robotic FX, Inc. continuing to meet obligations pursuant to various agreements, including but not limited to certain non-competition provisions. The Company paid \$0.1 million to Mr. Ahed during the fiscal year ended December 31, 2011. These contingent payments will continue to be expensed, when and if earned.

***Lease Obligations***

The Company leases its facilities. Rental expense under operating leases for fiscal 2011, 2010 and 2009 amounted to \$4.1 million, \$3.7 million, and \$3.9 million, respectively. Future minimum rental payments under operating leases were as follows as of December 31, 2011:

	<b>Operating Leases</b>
2012	\$ 3,030
2013	2,557
2014	2,505
2015	2,505
2016	2,505
Thereafter	8,187
<b>Total minimum lease payments</b>	<b>\$ 21,289</b>

***Guarantees and Indemnification Obligations***

The Company enters into standard indemnification agreements in the ordinary course of business. Pursuant to these agreements, the Company indemnifies and agrees to reimburse the indemnified party for losses incurred by the indemnified party, generally the Company's customers, in connection with any patent, copyright, trade secret or other proprietary right infringement claim by any third party with respect to the Company's software. The term of these indemnification agreements is generally perpetual any time after execution of the agreement. The maximum potential amount of future payments the Company could be required to make under these indemnification agreements is unlimited. The Company has never incurred costs to defend lawsuits or settle claims related to these indemnification agreements. As a result, the Company believes the estimated fair value of these agreements is minimal. Accordingly, the Company has no liabilities recorded for these agreements as of December 31, 2011 and January 1, 2011, respectively.

**Table of Contents****iROBOT CORPORATION****NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)*****Government Contract Contingencies***

Several of the Company's prime contracts with the U.S. federal government do not contain a limitation of liability provision, creating a risk of responsibility for direct and consequential damages. Several subcontracts with prime contractors hold the prime contractor harmless against liability that stems from our work and do not contain a limitation of liability. These provisions could cause substantial liability for the Company. In addition, the Company is subject to audits by the U.S. federal government as part of routine audits of government contracts. As part of an audit, these agencies may review the Company's performance on contracts, cost structures and compliance with applicable laws, regulations and standards. If any of its costs are found to be allocated improperly to a specific contract, the costs may not be reimbursed and any costs already reimbursed for such contract may have to be refunded. Accordingly, an audit could result in a material adjustment to our revenue and results of operations. Annually, the Company submits final indirect billing rates to DCMA based upon actual costs incurred throughout the year. These final billing rates are subject to audit by DCAA. As of December 31, 2011, fiscal years 2007, 2008, 2009, 2010 and 2011 are open for audit by DCAA.

***Warranty***

The Company provides warranties on most products and has established a reserve for warranty based on identified warranty costs. The reserve is included as part of accrued expenses (Note 6) in the accompanying consolidated balance sheets.

Activity related to the warranty accrual was as follows:

	<b>Fiscal Year Ended</b>		
	<b>December 31, 2011</b>	<b>January 1, 2011</b>	<b>January 2, 2010</b>
	<b>(In thousands)</b>		
Balance at beginning of period	\$ 9,284	\$ 6,105	\$ 5,380
Provision	4,091	6,402	4,870
Warranty usage(*)	(3,069)	(3,223)	(4,145)
Balance at end of period	\$ 10,306	\$ 9,284	\$ 6,105

(\*) Warranty usage includes the pro rata expiration of product warranties not utilized.

***Sales Taxes***

The Company collects and remits sales tax in jurisdictions in which it has a physical presence or it believes nexus exists, which therefore obligates the Company to collect and remit sales tax. The Company continually evaluates whether it has established a nexus in new jurisdictions with respect to sales tax. The Company has recorded a liability for potential exposure in several states where there is uncertainty about the point in time at which the Company established a sufficient business connection to create nexus. The Company continues to analyze possible sales tax exposure, but does not currently believe that any individual claim or aggregate claims that might arise will ultimately have a material effect on its consolidated results of operations, financial position or cash flows.



**12. Employee Benefits**

The Company sponsors a retirement plan under Section 401(k) of the Internal Revenue Code (the Retirement Plan ). All Company employees, with the exception of temporary, contract and international employees are eligible to participate in the Retirement Plan after satisfying age and length of service requirements prescribed by the plan. Under the Retirement Plan, employees may make tax- deferred

**Table of Contents****iROBOT CORPORATION****NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

contributions, and the Company, at its sole discretion, and subject to the limits prescribed by the IRS, may make either a nonelective contribution on behalf of all eligible employees or a matching contribution on behalf of all plan participants.

The Company elected to make a matching contribution of approximately \$1.7 million, \$1.5 million and \$1.2 million for the plan years ended December 31, 2011, January 1, 2011 and January 2, 2010 ( Plan-Year 2011, Plan-Year 2010 and Plan-Year 2009 ), respectively. The employer contribution represents a matching contribution at a rate of 50% of each employee's first six percent contribution. Accordingly, each employee participating during Plan-Year 2011, Plan-Year 2010 and Plan-Year 2009 is entitled up to a maximum of three percent of his or her eligible annual payroll. The employer matching contribution for Plan-Year 2011 is included in accrued compensation.

**13. Goodwill and other intangible assets**

The carrying amount of the goodwill at December 31, 2011 of \$7.9 million is from the acquisition of Nekton completed in September 2008. In the fourth quarter of 2011, the Company completed its annual goodwill impairment test and did not identify any goodwill impairment.

Other intangible assets include the value assigned to completed technology, research contracts, and a trade name. The estimated useful lives for all of these intangible assets are two to ten years. The intangible assets are being amortized on a straight-line basis, which is consistent with the pattern that the estimated economic benefits of the intangible assets are expected to be utilized.

Intangible assets at December 31, 2011 and January 1, 2011 consisted of the following:

	December 31, 2011			January 1, 2011		
	Cost	Accumulated Amortization (In thousands)	Net	Cost	Accumulated Amortization (In thousands)	Net
Completed technology	\$ 3,700	\$ 1,233	\$ 2,467	\$ 3,700	\$ 865	\$ 2,835
Research contracts	100	100		100	100	
Tradename	700	700		700	165	535
Total	\$ 4,500	\$ 2,033	\$ 2,467	\$ 4,500	\$ 1,130	\$ 3,370

Amortization expense related to acquired intangible assets was \$903,000 and \$475,000 for the fiscal years ended December 31, 2011 and January 1, 2011. The estimated future amortization expense related to current intangible assets in each of the five succeeding fiscal years is expected to be as follows:

	(In thousands)
2012	370
2013	370
2014	370
2015	370
2016	370
Total	\$ 1,850

**14. Industry Segment, Geographic Information and Significant Customers**

The Company operates in two reportable segments, the home robots division and the government and industrial robots division. The nature of products and types of customers for the two segments vary significantly. As such, the segments are managed separately.

**Table of Contents****iROBOT CORPORATION****NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)****Home Robots**

The Company's home robots division offers products to consumers through a network of retail businesses throughout the United States, to various countries through international distributors and retailers, and through the Company's on-line store. The Company's home robots division includes mobile robots used in the maintenance of domestic households.

**Government and Industrial Robots**

The Company's government and industrial robots division offers products through a small U.S. government-focused sales force, while products are sold to a limited number of countries, other than the United States, primarily through international distributors but also through a small internationally-focused sales team. The Company's government and industrial robots are used by various U.S. and foreign governments, primarily for reconnaissance and bomb disposal missions.

The table below presents segment information about revenue, cost of revenue, gross margin and income before income taxes:

	Fiscal Year Ended		
	December 31, 2011	January 1, 2011	January 2, 2010
	(In thousands)		
<b>Revenue:</b>			
Home Robots	\$ 278,551	\$ 229,348	\$ 165,860
Government & Industrial Robots	186,949	171,604	132,757
Total revenue	465,500	400,952	298,617
<b>Cost of revenue:</b>			
Home Robots	152,723	137,568	112,429
Government & Industrial Robots	120,659	117,952	94,992
Total cost of revenue	273,382	255,520	207,421
<b>Gross margin:</b>			
Home Robots	125,828	91,780	53,431
Government & Industrial Robots	66,290	53,652	37,765
Total gross margin	192,118	145,432	91,196
<b>Research and development</b>	36,498	24,809	14,747
<b>Selling and marketing</b>	58,544	50,535	40,902
<b>General and administrative</b>	43,753	36,618	30,110
<b>Other income (expense), net</b>	218	504	(81)
<b>Income before income taxes</b>	\$ 53,541	\$ 33,974	\$ 5,356

As of December 31, 2011, goodwill of \$7.9 million and purchased intangible assets, net of \$2.5 million recorded in conjunction with the acquisition of Nekton in September 2008, as well as the \$2.5 million investment in Advanced Scientific Concepts, Inc., are directly associated with the government and industrial division. Other long lived assets are not directly attributable to individual business segments.



**Table of Contents****iROBOT CORPORATION****NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)***Geographic Information*

For the fiscal years ended December 31, 2011, January 1, 2011 and January 2, 2010, sales to non-U.S. customers accounted for 45.5%, 42.1% and 33.3% of total revenue, respectively.

*Significant Customers*

For the fiscal years ended December 31, 2011, January 1, 2011 and January 2, 2010, U.S. federal government orders, contracts and subcontracts accounted for 36.1%, 38.4% and 36.9% of total revenue, respectively. For the fiscal year ended December 31, 2011, and January 1, 2011, the Company generated 9.4% and 17.4%, respectively of total revenue from The Boeing Company as a subcontractor under U.S. federal government contracts. For the fiscal years ended December 31, 2011, January 1, 2011 and January 2, 2010 approximately 74.0%, 65.7% and 56.0%, respectively, of our home robot product revenue resulted from sales to 15 customers. For the fiscal year ended December 31, 2011 the company generated 23.6% of its total revenue from two of its international distributors of consumer products: Sales on Demand Corporation (representing its Japanese market) and Robopolis (one of its European distributors).

**15. Quarterly Information (Unaudited)**

	Fiscal Quarter Ended							
	April 3, 2010	July 3, 2010	October 2, 2010	January 1, 2011	April 2, 2011	July 2, 2011	October 1, 2011	December 31, 2011
	(In thousands, except per share amounts)							
Revenue	\$ 94,930	\$ 97,804	\$ 94,223	\$ 113,995	\$ 106,277	\$ 108,082	\$ 120,373	\$ 130,768
Gross margin	32,717	33,970	33,257	45,488	43,454	42,536	50,043	56,085
Net income (loss)	6,168	5,314	7,032	7,000	7,477	8,024	14,052	10,638
Diluted earnings (loss) per share	\$ 0.24	\$ 0.20	\$ 0.27	\$ 0.26	\$ 0.27	\$ 0.29	\$ 0.50	\$ 0.38

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**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 required by Rule 13a-15(b) under the Exchange Act, we have carried out an evaluation, under the supervision and with the participation of our management, including our Chief Executive Officer ( CEO ) and our Chief Financial Officer ( CFO ), of the effectiveness, as of the end of the period covered by this report, of the design and operation of our disclosure controls and procedures as defined in Rule 13a-15(e) promulgated by the SEC under the Exchange Act. Based upon that evaluation, our CEO and our CFO concluded that our disclosure controls and procedures, as of the end of such period, were adequate and effective to ensure that information required to be disclosed by us in the reports that we file or submit under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the SEC s rules and forms, and that such information was accumulated and communicated to management, as appropriate, to allow timely decisions regarding required disclosure.

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

The management of the Company is responsible for establishing and maintaining adequate internal control over financial reporting. Internal control over financial reporting is defined in Rules 13a-15(f) and 15d-15(f) promulgated under the Exchange Act as a process designed by, or under the supervision of, the Company s principal executive and principal financial officers 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 and includes those policies and procedures that:

Pertain to the maintenance of records that in reasonable detail accurately and fairly reflect the transactions and dispositions of the assets of the Company;

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

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 its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

Under the supervision and with the participation of management, including our principal executive and financial officers, we assessed the Company s internal control over financial reporting as of December 31, 2011, based on criteria for effective internal control over financial reporting established in *Internal Control Integrated Framework*, issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). Based on this assessment, management concluded that the Company maintained effective internal control over financial reporting as of December 31, 2011 based on the specified criteria.

The effectiveness of the Company s internal control over financial reporting as of December 31, 2011 has been audited by PricewaterhouseCoopers LLP, an independent registered public accounting firm, as stated in their report which is included herein.

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**Changes in Internal Control Over Financial Reporting**

During the quarter ended December 31, 2011, there were no changes in our internal control over financial reporting that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

**ITEM 9B. OTHER INFORMATION**

Our policy governing transactions in our securities by our directors, officers, and employees permits our officers, directors, funds affiliated with our directors, and certain other persons to enter into trading plans complying with Rule 10b5-1 under the Securities Exchange Act of 1934, as amended. We have been advised that certain of our officers and directors (including Colin Angle, Chief Executive Officer, Joseph Dyer, Chief Operating Officer, Glen Weinstein, Senior Vice President, General Counsel and Secretary, John Leahy, Executive Vice President, Chief Financial Officer and Treasurer, Jeffrey Beck, President, Home Robots Division, Robert Moses, President, Government and Industrial Robots Division, and Alison Dean, Senior Vice President of Corporate Finance and Principal Accounting Officer) of the Company have entered into trading plans (each a Plan and collectively, the Plans) covering periods after the date of this Annual Report on Form 10-K in accordance with Rule 10b5-1 and our policy governing transactions in our securities. Generally, under these trading plans, the individual relinquishes control over the transactions once the trading plan is put into place. Accordingly, sales under these plans may occur at any time, including possibly before, simultaneously with, or immediately after significant events involving our company.

We anticipate that, as permitted by Rule 10b5-1 and our policy governing transactions in our securities, some or all of our officers, directors and employees may establish trading plans in the future. We intend to disclose the names of our executive officers and directors who establish a trading plan in compliance with Rule 10b5-1 and the requirements of our policy governing transactions in our securities in our future quarterly and annual reports on Form 10-Q and 10-K filed with the Securities and Exchange Commission. We, however, undertake no obligation to update or revise the information provided herein, including for revision or termination of an established trading plan, other than in such quarterly and annual reports.

**PART III**

**ITEM 10. DIRECTORS, EXECUTIVE OFFICERS AND CORPORATE GOVERNANCE**

The information required under this item is incorporated herein by reference to the Company's definitive proxy statement pursuant to Regulation 14A, which proxy statement will be filed with the Securities and Exchange Commission not later than 120 days after the close of the Company's fiscal year ended December 31, 2011.

**ITEM 11. EXECUTIVE COMPENSATION**

The information required under this item is incorporated herein by reference to the Company's definitive proxy statement pursuant to Regulation 14A, which proxy statement will be filed with the Securities and Exchange Commission not later than 120 days after the close of the Company's fiscal year ended December 31, 2011.

**ITEM 12. SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT AND RELATED STOCKHOLDER MATTERS**

The information required under this item is incorporated herein by reference to the Company's definitive proxy statement pursuant to Regulation 14A, which proxy statement will be filed with the Securities and Exchange Commission not later than 120 days after the close of the Company's fiscal year ended December 31, 2011.



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**ITEM 13. CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS, AND DIRECTOR INDEPENDENCE**

The information required under this item is incorporated herein by reference to the Company's definitive proxy statement pursuant to Regulation 14A, which proxy statement will be filed with the Securities and Exchange Commission not later than 120 days after the close of the Company's fiscal year ended December 31, 2011.

**ITEM 14. PRINCIPAL ACCOUNTING FEES AND SERVICES**

The information required under this item is incorporated herein by reference to the Company's definitive proxy statement pursuant to Regulation 14A, which proxy statement will be filed with the Securities and Exchange Commission not later than 120 days after the close of the Company's fiscal year ended December 31, 2011.

**PART IV**

**ITEM 15. EXHIBITS, FINANCIAL STATEMENT SCHEDULES**

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

**1. Financial Statements**

The following consolidated financial statements are included in Item 8:

Report of Independent Registered Public Accounting Firm

Consolidated Balance Sheets at December 31, 2011 and January 1, 2011

Consolidated Statements of Income for the Years ended December 31, 2011, January 1, 2011, and January 2, 2010

Consolidated Statements of Stockholders' Equity for the Years ended December 31, 2011, January 1, 2011, and January 2, 2010

Consolidated Statements of Cash Flows for the Years ended December 31, 2011, January 1, 2011, and January 2, 2010

Notes to Consolidated Financial Statements

**2. Financial Statement Schedules**

All other schedules have been omitted since the required information is not present, or not present in amounts sufficient to require submission of the schedule, or because the information required is included in the consolidated financial statements or the Notes thereto.

**Table of Contents****3. Exhibits See item 15(b) of this report below****(b) Exhibits**

The following exhibits are filed as part of and incorporated by reference into this Annual Report:

<b>Exhibit Number</b>	<b>Description</b>
3.1(1)	Form of Second Amended and Restated Certificate of Incorporation of the Registrant dated November 15, 2005
3.2(1)	Amended and Restated By-laws of the Registrant
4.1(1)	Specimen Stock Certificate for shares of the Registrant's Common Stock
4.2(1)	Shareholder Rights Agreement between the Registrant and Computershare Trust Company, Inc., as the Rights Agent dated November 15, 2005
10.1(1)	Fifth Amended and Restated Registration Rights Agreement by and among the Registrant, the Investors and the Stockholders named therein, dated as of November 10, 2004
10.2 (1)	Form of Indemnification Agreement between the Registrant and its Directors and Executive Officers
10.3 (1)	Amended and Restated 1994 Stock Plan and forms of agreements thereunder
10.4	Amended and Restated 2001 Special Stock Option Plan and forms of agreements thereunder (filed as Exhibit 10.6 to the Registrant's Annual Report on Form 10-K for the year ended December 31, 2005 and incorporated by reference herein)
10.5	Amended and Restated 2004 Stock Option and Incentive Plan and forms of agreements thereunder (filed as Exhibit 10.4 to the Registrant's Quarterly Report on Form 10-Q for the quarter ended June 30, 2007 and incorporated by reference herein)
10.6	Lease Agreement between the Registrant and Burlington Crossing Office LLC for premises located at 63 South Avenue, Burlington, Massachusetts, dated as of October 29, 2002, as amended (filed as Exhibit 10.7 to the Registrant's Annual Report on Form 10-K for the year ended January 2, 2010 and incorporated by reference herein)
10.7	Form of Executive Agreement between the Registrant and certain executive officers of the Registrant, as amended (filed as Exhibit 10.1 to the Registrant's Quarterly Report on Form 10-Q for the quarter ended October 2, 2010 and incorporated by reference herein)
10.8 (1)	Employment Agreement between the Registrant and Colin Angle, dated as of January 1, 1997
10.9 (1)	Employment Agreement between the Registrant and Joseph W. Dyer, dated as of February 18, 2004
10.10(1)	Government Contract DAAE07-03-9-F001 (Small Unmanned Ground Vehicle)
10.11(1)	Government Contract N00174-03-D-0003 (Man Transportable Robotic System)
10.12	2005 Stock Option and Incentive Plan, as amended, and forms of agreements thereunder (filed as Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed on June 2, 2009 and incorporated by reference herein)
10.13#(1)	Manufacturing and Services Agreement between the Registrant and Gem City Engineering Corporation, dated as of July 27, 2004
10.14	Non-Employee Directors' Deferred Compensation Program, as amended (filed as Exhibit 10.19 to the Registrant's Annual Report on Form 10-K for the year ended December 29, 2007 and incorporated by reference herein)
10.15	Lease Agreement between the Registrant and Boston Properties Limited Partnership for premises located at 4-18 Crosby Drive, Bedford, Massachusetts, dated as of February 22, 2007 (filed as Exhibit 10.22 to the Registrant's Annual Report on Form 10-K for the year ended December 30, 2006 and incorporated by reference herein)

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<b>Exhibit Number</b>	<b>Description</b>
10.16	Credit Agreement between the Registrant and Bank of America, N.A., dated as of June 5, 2007 (filed as Exhibit 10.1 to the Registrant's Quarterly Report on Form 10-Q for the quarter ended June 30, 2007 and incorporated by reference herein)
10.17#	Manufacturing Agreement between the Registrant and Kin Yat Industrial Co. Ltd., dated as of March 23, 2007 (filed as Exhibit 10.3 to the Registrant's Quarterly Report on Form 10-Q for the quarter ended June 30, 2007 and incorporated by reference herein)
10.18	Senior Executive Incentive Compensation Plan (filed as Exhibit 10.1 to the Registrant's Quarterly Report on Form 10-Q for the quarter ended July 2, 2011 and incorporated by reference herein)
10.19	First Amendment and Waiver to Credit Agreement by and between the Registrant and Bank of America, N.A., dated April 30, 2008 (filed as Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed on May 29, 2008 and incorporated by reference herein)
10.20	Second Amendment and Waiver to Credit Agreement by and between the Registrant and Bank of America, N.A., dated September 5, 2008 (filed as Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed on September 10, 2008 and incorporated by reference herein)
10.21	First Amendment to Note by and between the Registrant and Bank of America, N.A., dated April 30, 2008 (filed as Exhibit 10.2 to the Registrant's Current Report on Form 8-K filed on May 29, 2008 and incorporated by reference herein)
10.22	Form of Deferred Stock Award Agreement under the 2005 Stock Option and Incentive Plan (filed as Exhibit 10.3 to the Registrant's Quarterly Report on Form 10-Q for the quarter ended June 28, 2008 and incorporated by reference herein)
10.23	Form of Restricted Stock Award Agreement under the 2005 Stock Option and Incentive Plan (filed as Exhibit 10.4 to the Registrant's Quarterly Report on Form 10-Q for the quarter ended June 28, 2008 and incorporated by reference herein)
10.24	Third Amendment to Credit Agreement by and between the Registrant and Bank of America, N.A., dated February 12, 2010 (filed as Exhibit 10.30 to the Registrant's Annual Report on Form 10-K for the year ended January 2, 2010 and incorporated by reference herein)
10.25	Second Amendment to Note by and between the Registrant and Bank of America, N.A., dated February 12, 2010 (filed as Exhibit 10.31 to the Registrant's Annual Report on Form 10-K for the year ended January 2, 2010 and incorporated by reference herein)
10.26#	Manufacturing Services Agreement between the Registrant and Jabil Circuit, Inc., dated as of March 18, 2010 (filed as Exhibit 10.1 to Amendment No. 1 to the Registrant's Quarterly Report on Form 10-Q for the quarter ended April 3, 2010 and incorporated by reference herein)
10.27#	First Amendment to Manufacturing Agreement between the Registrant and Kin Yat Industrial Co. Ltd., dated as of March 22, 2010 (filed as Exhibit 10.2 to Amendment No. 1 to the Registrant's Quarterly Report on Form 10-Q for the quarter ended April 3, 2010 and incorporated by reference herein)
10.28	Reimbursement Agreement between the Registrant and Bank of America, N.A. dated January 4, 2011 (filed as Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed on January 6, 2011 and incorporated by reference herein)
10.29	Fourth Amendment to Credit Agreement by and between the Registrant and Bank of America, N.A. dated April 15, 2011 (filed as Exhibit 10.2 to the Registrant's Quarterly Report on Form 10-Q for the quarter ended April 2, 2011 and incorporated by reference herein)
10.30	First Amendment to Reimbursement Agreement between the Registrant and Bank of America, N.A. dated April 15, 2011 (filed as Exhibit 10.3 to the Registrant's Quarterly Report on Form 10-Q for the quarter ended April 2, 2011 and incorporated by reference herein)

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10.32	Second Amendment to Reimbursement Agreement between the Registrant and Bank of America, N.A. dated July 12, 2011 (filed as Exhibit 10.2 to the Registrant's Current Report on Form 8-K filed on July 12, 2011 and incorporated by reference herein)
10.33	Third Amendment to Note by and between the Registrant and Bank of America, N.A. dated July 12, 2011 (filed as Exhibit 10.3 to the Registrant's Current Report on Form 8-K filed on July 12, 2011 and incorporated by reference herein)
21.1	Subsidiaries of the Registrant (filed as Exhibit 21.1 to the Registrant's Annual Report on Form 10-K for the year ended December 31, 2005 and incorporated by reference herein)
23.1*	Consent of PricewaterhouseCoopers LLP
24.1	Power of Attorney (incorporated by reference to the signature page of this report on Form 10-K)
31.1*	Certification Pursuant to Rule 13a-14(a) or Rule 15d-14(a) of the Securities Exchange Act of 1934
31.2*	Certification Pursuant to Rule 13a-14(a) or Rule 15d-14(a) of the Securities Exchange Act of 1934
32.1*	Certification Pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
101**	The following materials from the Registrant's Annual Report on Form 10-K for the year ended December 31, 2011 formatted in XBRL (eXtensible Business Reporting Language): (i) the Consolidated Balance Sheets, (ii) the Consolidated Statements of Income, (iii) the Consolidated Statements of Cash Flows, and (iv) related notes to these financial statements

Indicates a management contract or any compensatory plan, contract or arrangement.

# Confidential treatment requested for portions of this document.

(1) Incorporated by reference herein to the exhibits to the Company's Registration Statement on Form S-1 (File No. 333-126907)

\* Filed herewith

\*\* As provided in Rule 406T of Regulation S-T, this information is furnished and not filed for purposes of Sections 11 and 12 of the Securities Act of 1933 and Section 18 of the Securities Exchange Act of 1934

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**SIGNATURES**

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, as amended, the Registrant has duly caused this Annual Report on Form 10-K to be signed on its behalf by the undersigned, thereunto duly authorized.

IROBOT CORPORATION

By: /s/ Colin M. Angle  
Colin M. Angle

Chairman of the Board,

Chief Executive Officer and Director

Date: February 17, 2012

**POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Colin M. Angle and John Leahy, jointly and severally, his or her attorney-in-fact, with the power of substitution, for him or her in any and all capacities, to sign any amendments to this Annual Report on Form 10-K and to file the same, with exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, hereby ratifying and confirming all that each of said attorneys-in-fact, or his or her substitute or substitutes, may do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, this Annual Report on Form 10-K has been signed by the following persons in the capacities indicated on February 17, 2012.

<b>Signature</b>	<b>Title(s)</b>
/s/ COLIN M. ANGLE	Chairman of the Board, Chief Executive Officer and Director
Colin M. Angle	(Principal Executive Officer)
/s/ JOHN LEAHY	Executive Vice President, Chief Financial Officer and
John Leahy	Treasurer (Principal Financial Officer)
/s/ ALISON DEAN	Senior Vice President, Corporate Finance
Alison Dean	(Principal Accounting Officer)
/s/ RONALD CHWANG	Director
Ronald Chwang	
/s/ JACQUES S. GANSLER	Director
Jacques S. Gansler	

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/s/ GAIL DEEGAN

Director

Gail Deegan

/s/ ANDREA GEISSER

Director

Andrea Geisser

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<b>Signature</b>	<b>Title(s)</b>
/s/ GEORGE C. McNAMEE George C. McNamee	Director
/s/ DEBORAH G. ELLINGER Deborah G. Ellinger	Director
/s/ PETER MEEKIN Peter Meekin	Director
/s/ PAUL J. KERN Paul J. Kern	Director
/s/ PAUL SAGAN Paul Sagan	Director

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<b>Exhibit Number</b>	<b>Description</b>
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32.1*	Certification Pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
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Indicates a management contract or any compensatory plan, contract or arrangement.

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(1) Incorporated by reference herein to the exhibits to the Company's Registration Statement on Form S-1 (File No. 333-126907)

\* Filed herewith

\*\* As provided in Rule 406T of Regulation S-T, this information is furnished and not filed for purposes of Sections 11 and 12 of the Securities Act of 1933 and Section 18 of the Securities Exchange Act of 1934