CVD EQUIPMENT CORP
Form 10-K
March 07, 2011

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

Form 10-K

(Mark One)
þ ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934.

For the fiscal year ended December 31, 2010

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

For the transition period from ____ to _____

Commission file number: 1-16525

CVD EQUIPMENT CORPORATION
(Exact name of registrant as specified in its charter)

New York	11-2621692
(State or Other Jurisdiction of Incorporation or Organization)	(I.R.S. Employer Identification No.)

1860 Smithtown Avenue
Ronkonkoma, New York 11779
(Address including zip code of registrant's Principal Executive Offices)

(631) 981-7081
(Registrant's Telephone Number, Including Area Code)

Securities registered under Section 12(b) of the Act:

Title of each class	Name of each exchange on which registered
Common Stock, Par value $0.01	NASDAQ Capital Market

Securities registered under 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 o No þ

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 o No þ

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13or 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 þ No o

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Website, 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 o No o

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 the 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.

Yes o No þ

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.

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

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

Yes o No þ

State the aggregate market value of the voting and non-voting common equity held by non-affiliates computed by reference to the price at which the common equity was last sold, or the average bid and asked price of such common equity, as of the last business day of the registrant's most recently completed second fiscal quarter: $8,178,742 at June 30, 2010

Indicate the number of shares outstanding of each of the registrant's classes of common stock, as of the latest practicable date: 4,848,325shares of Common Stock, $0.01 par value at March 04, 2011.

DOCUMENTS INCORPORATED BY REFERENCE None.

PART I

INFORMATION CONCERNING FORWARD-LOOKING STATEMENTS

Except for historical information contained herein, this Annual Report on Form 10-K contains forward–looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. These statements involve known and unknown risks and uncertainties that may cause our actual results or outcomes to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. These forward-looking statements are based on various factors and are derived utilizing numerous important assumptions and other important factors that could cause actual results to differ materially from those in the forward-looking statements. Important assumptions and other factors that could cause actual results to differ materially from those in the forward-looking statements, include, but are not limited to: competition in our existing and potential future product lines of business; our ability to obtain financing on acceptable terms if and when needed; uncertainty as to our future profitability, uncertainty as to the future profitability of acquired businesses or product lines, uncertainty as to any future expansion of the Company. Other factors and assumptions not identified above were also involved in the derivation of these forward-looking statements and the failure of such assumptions to be realized as well as other factors may also cause actual results to differ materially from those projected. We assume no obligation to update these forward-looking statements to reflect actual results, changes in assumptions, or changes in other factors affecting such forward-looking statements.

Item 1. Description of Business.

The use of the words “we,” “us” or “our” refers to CVD Equipment Corporation, a New York corporation incorporated on October 13, 1982, and its subsidiary, except where the context otherwise requires.

We design, develop and manufacture both standard and custom state-of-the-art equipment and process solutions used to develop and manufacture advanced solar, nano electronic components, materials and coatings for research and industrial applications, with the focus on enabling tomorrow’s technologies™. We offer a broad range of chemical vapor deposition, gas control and other equipment that is used by our customers to research, design and manufacture semiconductors, solar cells, smart glass, carbon nanotubes, nanowires, LEDs, MEMS and industrial coatings, as well as equipment for surface mounting of components onto printed circuit boards. Through our Application Laboratory, we can provide process development support and process startup assistance. Our proprietary products are generally customized to meet the particular specifications of individual customers and to accelerate the commercialization of their proprietary intellectual property.

Based on more than 28 years of experience, we use our engineering, manufacturing and process development to transform new applications into leading-edge manufacturing solutions. This enables university, research and industrial scientists at the cutting edge of technology to develop next generation solar, nano, LEDs, semiconductors and other electronic components. We also develop and manufacture research and production equipment based on our proprietary designs.

We have built a significant library of design expertise, know-how and innovative solutions to assist our customers in developing these intricate processes and to accelerate their commercialization. This library of solutions, along with our vertically integrated manufacturing facilities, allows us to provide superior design, process and manufacturing solutions to our customers on a cost effective basis.

Part of our strategy is to target opportunities in the research and development and production equipment market, with a focus on higher-growth applications such as solar and smart glass coatings, carbon nanotubes, nanowires, grapheme, MEMS and LEDs. To expand our penetration into these growth markets, we have a line of proprietary standard products and systems. Historically, we manufactured products on a custom one-at-a-time basis to meet an individual customer's specific research requirements. Our proprietary systems leverage the technological expertise that we have developed through designing these custom systems onto a standardized basic core. This core is easily adapted through a broad array of available add-on options to meet the diverse product and budgetary requirements of the research community. By manufacturing the basic core of these systems in higher volumes, we are able to reduce both the cost and delivery time for our systems. These systems, which we market and sell under the "EasyTube"TM product line, are sold to researchers at universities, research laboratories, and startup companies in the United States and throughout the world.

Sales of our proprietary standard, custom systems and process solutions have been driven by building on the success of our installed customer base, which includes several Fortune 500 companies. Historically, revenues have grown primarily through sales to existing customers with additional capacity needs or new requirements, as well as to new customers. However, with the proprietary solutions and our expanded focus on "accelerating the commercialization of tomorrow's technologies" we are developing an additional new customer base. We have generally gained new customers through word of mouth, the movement of personnel from one company to another; limited print advertising and trade show attendance. We are now also gaining new customers by awareness of our company in the marketplace with results from our Application Laboratory, partnerships with startup companies, increased participation in trade shows and expanded internet advertising.

The core competencies we have developed in equipment and software design, as well as in systems manufacturing and process solutions, are used to engineer our finished products and to accelerate the commercialization path of our customer base. Our proprietary Windows-based, real-time, software application allows for rapid configuration, and provides our customers with powerful tools to understand, optimize and repeatedly control their processes. Our vertically integrated structure allows us to control the manufacturing process, from bringing raw metal and components into our manufacturing facilities to shipping out finished products. These factors significantly reduce cost, improve quality and reduce the time it takes from customer order to shipment of our products. Our Application Laboratory allows selected customers to bring up their process tools in our Application Laboratory and to work together with our scientists and engineers to optimize process performance.

We conduct our operations through three divisions: (1) CVD, which includes our First Nano product line ("CVD/First Nano"); (2) Stainless Design Concept ("SDC"); and (3) Conceptronic, ("Conceptronic"). Each division operates on a day-to-day basis with its own operating manager while product development, sales and administration are managed at the corporate level.

Operating Divisions

CVD/First Nano is a supplier of state-of-the-art chemical vapor deposition systems for use in the research, development and manufacturing of semiconductors, LEDs, carbon nanotubes, nanowires, solar cells and a number of industrial applications. We utilize our expertise in the design and manufacture of chemical vapor deposition systems to work with laboratory scientists to bring state-of-the-art processes from the research laboratory into production, as well as to provide production equipment and process solutions based on our designs. CVD/First Nano also operates our Application Laboratory in a separate building where our personnel interact effectively with the scientists and engineers of our customer base.

SDC designs and manufactures ultra-high purity gas and chemical delivery control systems for state-of-the-art semiconductor fabrication processes, solar cells, LEDs, carbon nanotubes, nanowires, and a number of industrial applications. Our SDC products are sold on a stand-alone basis, as well as together with our CVD/First Nano systems. SDC operates out of a 22,000 square foot facility fitted with Class 10 and Class 100 clean room manufacturing space located in Saugerties, New York.

Conceptronic designs and manufactures reflow ovens and rework stations for the printed circuit board assembly and semi-conductor packaging industries. Our equipment is designed to melt solder in a controlled process to form superior connections between components. This, in turn, creates complete electronic circuits for computers and telecommunication systems, as well as for the automotive and defense industries. To address pricing pressure in what is now a mature industry for standardized reflow ovens and the current economic downturn, we have begun to offer customized products for complex heating and drying applications.

Principal Products

Chemical Vapor Deposition - A process which passes a gaseous compound over a target material surface that is heated to such a degree that the compound decomposes and deposits a desired layer onto substrate material. The process is accomplished by combining appropriate gases in a reaction chamber, of the kind produced by the Company, at elevated temperatures (typically 150-1,800 degrees Celsius). Our Chemical Vapor Deposition systems are complete and include all necessary instrumentation, subsystems and components and include state-of-the-art process control software. We provide both standard and specifically engineered products for particular customer applications. Some of the standard systems we offer are for Silicon, Silicon-Germanium, Silicon Dioxide, Silicon Nitride, Polysilicon, Liquid Phase Epitaxial, Metalorganic Chemical Vapor Deposition, Carbon Nanotubes, Graphene Nanowires, Solar Cell research and Solar material quality control.

Our Chemical Vapor Deposition systems are available in a variety of models that can be used in laboratory research and production. All models are offered with total system automation, a microprocessor control system by which the user can measure, predict and regulate gas flow, temperature, pressure and chemical reaction rates, thus controlling the process in order to enhance the quality of the materials produced. Our standard microprocessor control system is extremely versatile and capable of supporting the complete product line and most custom system requirements. These Chemical Vapor Deposition systems are typically priced between $60,000 and $500,000.

Rapid Thermal Processing ("RTP") - Used to heat semiconductor materials to elevated temperatures of 1,000 degrees Celsius at rapid rates of up to 200 degrees Celsius per second. Our RTP systems are offered for implant activation, oxidation, silicide formation and many other processes. We offer systems that can operate both at atmospheric or reduced pressures. Our RTP systems are priced up to $600,000.

Annealing and Diffusion Furnaces - Used for diffusion, oxidation, implant anneal, solder reflow, solar cell manufacturing and other processes. The systems are normally operated at atmospheric and/or reduced pressure with gaseous atmospheres related to the process. An optional feature of the system allows for the heating element to be moved away from the process chamber allowing the wafers to rapidly cool or be heated in a controlled environment. Our cascade temperature control system enables more precise control of the wafers. The systems are equipped with an automatic process controller, permitting automatic process sequencing and monitoring with safety alarm provisions. Our annealing and diffusion furnace systems are priced up to $900,000.

Ultra-high Purity Gas and Liquid Control Systems - Our standard and custom designed gas and liquid control systems, which encompass, gas cylinder storage cabinets, custom gas and chemical delivery systems, gas and liquid valve manifold boxes and gas isolation boxes, provide safe storage and handling of pressurized gases and chemicals. Our system design allows for automatic or manual control from both a local and remote location. A customer order often includes multiple systems and can total up to $1,000,000.

Quartz ware - We provide standard and custom fabricated quartz ware used in our equipment and other customer tools. We also provide repair and replacement of existing quartz ware.

Convection Furnaces – We provide proprietary reflow ovens used by the printed circuit board assembly and semiconductor packaging industries.

Reflow Furnaces and Rework Stations – We provide standard and custom systems for the printed circuit board and surface mount technology industries. Our equipment is designed to melt solder in a controlled process to form superior connections between components, creating complete electronic circuits for computers and telecommunication systems, as well as for the automotive and defense industries.

Markets and Marketing

Due to the highly technical nature of our products, we believe it is essential to contact customers directly through our sales personnel and through a network of domestic and international independent sale representatives and distributors specializing in the type of equipment we sell. Our primary marketing activities include direct sales contacts, participation in trade shows and our internet websites. We are focusing our efforts on being in the top listings on many search engines in order to increase the number of "hits" to our websites.

Customers

We are continuing to work on expanding our product offerings. Many of these products are used in research and in production applications. We sell our products primarily to electronic component manufacturers, institutions involved in electronic component research (such as universities, government and industrial laboratories) and to industries such as aerospace that require specialized coatings. We have both an international and domestic installed customer base of approximately 200 customers to whom we have sold systems within the last three years.

For the twelve months ended December 31, 2010, approximately 37% of our revenues were generated from foreign exports compared to 14% for the twelve months ended December 31, 2009. Revenue to a single customer in any one year can exceed 10.0% of our total sales; however, we are not dependent on any single customer. In fiscal year 2010, one customer represented 6.5% and another customer represented 5.5% of our annual revenues. In fiscal year 2009, one customer represented 9.2%, another customer represented 8.8% and each of two customers represented 5.3% and 5.2% of our annual revenues. None of these customers were the same from year to year.

Warranties

We normally warrant our equipment for a period of twelve to eighteen months after shipment, depending on the product, and pass along any warranties from original manufacturers of components used in our products. We provide for our own equipment servicing with in-house field service personnel. Warranty costs, including those incurred in fiscal years 2009 and 2008, have been historically insignificant and expensed as incurred.

Competition

We are subject to intense competition. We are aware of other competitors that offer a substantial number of products and services comparable to ours. Many of our competitors (including customers who may elect to manufacture systems for internal use) have financial, marketing and other resources greater than ours. To date, we believe that each one of our three operating divisions has been able to compete in markets that include these competitors, primarily on the basis of technical performance, quality, delivery and price.

CVD/First Nano competes primarily with in-house design and engineering personnel at research and university laboratories with the capacity to design and build their own equipment internally. Due to budgetary and funding constraints, many of these customers are extremely price sensitive. CVD/First Nano also competes with companies that have substantially greater financial, marketing and other resources to develop new products and support customers worldwide, as well as smaller competitors. We believe that our systems are among the most advanced available for the targeted market space.

SDC competes with companies that are larger than our company and have substantially greater financial, marketing and other resources than we do. We believe that SDC's gas management and chemical delivery control systems are among the most advanced available. We further believe that SDC is differentiated from our competitors through our intimate understanding of how the systems in which our products are incorporated are actually used in field applications. We have gained this understanding as a result of having designed and built complex process gas systems for CVD/First Nano as well as for a number of the world's leading semiconductor, solar manufacturers, research laboratories and universities.

Conceptronic's proprietary reflow ovens and rework stations are used by the printed circuit board assembly and semiconductor packaging industries. Conceptronic also offers customized products for complex applications within the printed circuit board and other industries that use conveyor-type ovens in heating and drying applications. Our in-house design and engineering personnel develop leading edge technology for sale at competitive prices. Conceptronic competes with companies that are larger than our company and have substantially greater financial, marketing and other resources than we do. We believe that our reflow ovens and rework stations are among the most advanced available having leveraged our experience in designing and building customized products for our customers.

Sources of Supply

We do not manufacture many components used in producing our products. Most of these components are purchased from unrelated suppliers. We have some OEM supply contracts covering a selection of these components, although we are not dependent on a principal or major supplier and alternate suppliers are available. Subject to lead times, the components and raw materials we use in manufacturing our products are readily obtainable.

We have a fully-equipped machine shop that we use to fabricate in-house most of the metal components, including the most complex designed parts of our equipment. Our investment in (CNC) machines for our machine shop has increased our efficiencies while significantly reducing costs in production. Similarly, our quartz fabrication capability is sufficient to meet our quartz ware needs.

Materials procured from the outside and/or manufactured internally undergo a rigorous quality control process to ensure that the parts meet or exceed our requirements and those of our customers. Upon final assembly, all equipment undergoes a final series of complete testing to ensure maximum product performance.

Backlog

As of December 31, 2010 our order backlog was approximately $9,944,000 compared to approximately $2,549,000 at December 31, 2009, an increase of $7,395,000 or 290%. The increase is primarily attributed to the increase in order levels received during the second half of 2010. The timing for completion of the backlog varies depending on the product mix and can be as long as two years. Included in the backlog are all accepted purchase orders with the exception of those that are included in our percentage-of-completion. Order backlog is usually a reasonable management tool to indicate expected revenues and projected profits, however it does not provide an assurance of future achievement or profits as order cancellations or delays are possible.

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Intellectual Property

Our success is dependent in part on our technology and other proprietary rights. We have historically protected our proprietary information and intellectual property such as design specifications, blueprints, technical processes and employee know-how through the use of non-disclosure agreements. In addition, we began to file for patent protection and began to use trademarks for proprietary novel solutions that have the potential to become standard products and can be sold to multiple customers. We also maintain and/or assert rights in certain trademarks relating to certain of our products and product lines, and claim copyright protection for certain proprietary software and documentation.

While patent, copyright and trademark protection for our intellectual property are important to different degrees for our various products and solutions, we believe our future success in highly dynamic markets is most dependent upon the technical competence and creative skills of our personnel and our ability to accelerate the commercialization of next generation intellectual properties. We attempt to protect our trade secrets and other proprietary information through non-disclosure agreements with our customers, suppliers, employees and consultants through other security measures.

Research and Development

The university research community is at the forefront of nanotechnology research, and we are focused on providing state-of-the-art systems to this market that will help bridge the gap between pioneering research and marketable products. Our Application Laboratory, together with a number of leading universities and startup companies, with whom we partner from time to time, conducts cutting-edge research on the growth of carbon nanotubes, graphene and nanowires as well as on selected solar cell manufacturing processes and smart glass coating processes. The results of this research could have far reaching implications concerning the use and manufacture of carbon nanotubes, graphene and nanowires, solar cell and glass coatings for many markets. Our intention is that together we will leverage our collective expertise in this field, which will allow us to capitalize on commercial opportunities in the future. This relationship has thus far produced leading edge results, including what we believe are the tallest carbon nanotube arrays yet developed.

The amount spent on research and development was approximately $712,000 for the year ended December 31, 2010 and $757,000 for the year ending December 31, 2009.

Government Regulation

We are subject to a variety of federal, state and local government regulations, such as environmental, labor and export control. We believe that we have obtained all necessary permits to operate our business and that we are in material compliance with all laws and regulations applicable to us.

We are not aware of any government regulations or requirements necessary for the sale of our products, other than certain approvals or permits which may be required for us to export certain of our products to certain foreign countries

Insurance

Some of our products are used in connection with explosive, flammable, corrosive and toxic gases. There are potential exposures to personal injury as well as property damage, particularly if operated without regard to the design limits of the systems and components. Management reviews its insurance coverage with our insurance agent on an annual basis. We have the following types of insurance coverage:

- Product liability
- Property and contents
- General liability
- Directors and officers
- Transportation
- Business auto
- General Umbrella
- Workers compensation
- Employee benefits liability

Employees

At December 31, 2010, we had 131 employees, 128 of which were full time personnel and 3 of which were part time. We had 69 people in manufacturing, 32 in engineering (including research and development and efforts related to product improvement) 4 in field service, 6 in sales and marketing and 20 in general management and administration.

Item 2. Description of Property.

We maintain our headquarters at 1860 Smithtown Avenue, Ronkonkoma, New York, where we own a 50,000 square foot manufacturing facility which we purchased in March, 2002 for $2,161,875. In addition we incurred $1,283,077 for renovations. We financed $2,700,000 of the total purchase price and the costs associated with the renovation. The financing consisted of a loan secured by a mortgage held by GE Capital Public Finance Inc. subject to an installment sale agreement with the Town of Islip Industrial Development Agency. Payments are based upon a 15 year amortization schedule. Interest is fixed at a rate of 5.67%. Our CVD/First Nano and Conceptronic divisions operate out of this facility.

Our SDC division operates out of a 22,000 square foot manufacturing facility situated on five acres of land which we purchased in December 1998 and is located at 1117 Kings Highway, Saugerties, New York. The property was purchased from Kidco Realty Corp. The purchase price for the property was $1,400,000. We financed $900,000 of the purchase price. On June 30, 2008, we entered into a consolidation, Extension and Modification Agreement and Consolidated and Restated Mortgage note each with Capital One, N.A. The agreement consolidated various notes and mortgages into a single note in the principal sum of $805,000 of which approximately $17,000 represented additional borrowings incurred by the Company. Principal and interest payments are made in 119 equal consecutive monthly installments of $5,903.27, with a final balloon payment being due on July 1, 2018 equal to the remaining unpaid principal on the maturity date. The principal sum bears interest at a fixed annual rate of 6.2%.

The Application Laboratory operates out of a 13,300 square foot facility located at 979 Marconi Avenue, Ronkonkoma, NY 11779 that was purchased from HPG Realty Co., LLC. The total purchase price for the property was $2,015,000. We financed approximately $1,500,000 of the purchase price. The financing consists of two loans secured by mortgages, both of which are held by Capital One, N.A. Payments upon each of the mortgages are based upon a 20-year amortization schedule, with a 10-year balloon. Interest on the $1 million mortgage is fixed at a rate of 5.67% for 10 years. Interest on the $500,000 mortgage is fixed at a rate of 3.67% for the first four years and will be adjusted for the 6 year period beginning March 1, 2012 to 200 basis points above the weekly average yield on U.S. Treasury Securities adjusted to a constant maturity of 6 years, until maturity on March 1, 2018.

Item 3. Legal Proceedings.

On September 18, 2007 a settlement was reached between us and PrecisionFlow Technologies, Inc. of pending litigation. Under the terms of the settlement, all claims and counterclaims asserted by the parties in previously filed lawsuits were discontinued in consideration of which we were to receive payments totaling $541,600 to be paid over a specific timetable as defined. As of December 31, 2010, we have been paid in full.

In June 2008, we commenced an action against a third party in the Supreme Court of the State of New York, Suffolk County. By that action, we sought to recover $154,161 for manufacturing engineering services and system fabrication; spare parts; and reimbursable expenses. Subsequently, the defendant removed the action to the United States District Court for the Eastern District of New York. Once in Federal Court, the customer asserted various counterclaims. A settlement of the actions was agreed to in late 2009 and executed in February 2010.

On January 26, 2010 we commenced an action against Taiwan Glass Industrial Corp. and Mizuho Corporate Bank in the United States District Court for the Southern District of New York. By that action, we seek monetary damages ($5,816,000) for breach of contract against Taiwan Glass Industrial Corp., and against Mizuho Corporate Bank for failing to pay the second installment on a letter of credit issued by Mizuho Corporate Bank on behalf of Taiwan Glass Industrial Corp. calling for payment of drafts presented upon shipment of the equipment. The contract was breached by the customer’s failure to accept and pay for the specially manufactured equipment shipped on November 27, 2009. Under the terms of the contract, we believe the customer improperly rejected the equipment. Mizuho Corporate Bank and Taiwan Glass Industrial Corp. have denied the allegations and Taiwan Glass Industrial Corp. has claimed that we must pay them $3,564,000 for alleged breach of contract. We are vigorously pursuing our claims.

Item 4. (Removed and Reserved)

PART II

Item 5. Market for Registrant's Common Equity and Related Stockholder Matters.

The following table sets forth, for the periods indicated, the high and low closing prices of our common stock on The NASDAQ Capital Market.

	High	Low
Year Ended December 31, 2010:		
1st Quarter……	$4.50	$3.35
2nd Quarter……	3.95	3.10
3rd Quarter……	4.69	3.01
4th Quarter……	9.02	6.00

	High	Low
Year Ended December 31, 2009:		
1st Quarter……	$3.49	$2.35
2nd Quarter……	4.42	2.66
3rd Quarter……	4.34	3.15
4th Quarter……	4.95	3.32

As of March 1, 2011, there were approximately 68 holders of record and approximately 1,226 beneficial owners of our common stock, and the closing sales price of our common stock as reported on the NASDAQ Capital Market was $10.70.

Dividend Policy

We have never paid dividends on our common stock and we do not anticipate paying dividends on common stock at the present time. We currently intend to retain earnings, if any, for use in our business. There can be no assurance that we will ever pay dividends on our common stock. Our dividend policy with respect to our common stock is within the discretion of the Board of Directors and its policy with respect to dividends in the future will depend on numerous factors, including earnings, financial requirements and general business conditions.

Under applicable New York law, we would not be permitted to declare and pay dividends if we were insolvent, or would become insolvent by payment of dividends, or if our net assets remaining after payment of dividends would be less than our stated capital.

Equity Compensation Plan Information

The following table provides information about shares of our common stock that may be issued upon the exercise of options under all of our existing compensation plans as of December 31, 2010.

Plan Category	Number of securities to be issued upon exercise of outstanding options, warrants and rights(1)	Weighted-average exercise price of outstanding options, warrants and rights(2)	Number of securities remaining available for future issuance
Equity compensation plans approved by security holders	391,550	$ 4.01	803,875
Total	391,550	$4.01	803,875

(1) Reflects aggregate options and restricted stock awards outstanding under our 1989 Key Employee Stock Option Plan, 2001 Stock Option Plan and 2007 Share Incentive Plan.

(2) Calculation is exclusive of the value of any unvested restricted stock awards.

Recent Sales Of Unregistered Securities

During the year ended December 31, 2010, we granted to our five independent directors an aggregate of 16,500 shares of restricted common stock pursuant to our 2007 Share Incentive Plan with an aggregate fair value of $70,125.

Issuer Purchases Of Equity Securities

None.

Item 6. Selected Financial Data.

Not applicable.

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

You should read the following discussion and analysis in conjunction with our financial statements and related notes contained elsewhere in this report. This discussion contains forward-looking statements that involve risks, uncertainties and assumptions. Our actual results may differ materially from those anticipated in these forward-looking statements as a result of a variety of factors discussed in this report and those discussed in other documents we file with the SEC. In light of these risks, uncertainties and assumptions, readers are cautioned not to place undue reliance on such forward-looking statements. These forward-looking statements represent beliefs and assumptions only as of the date of this report. While we may elect to update forward-looking statements at some point in the future, we specifically disclaim any obligation to do so, even if our estimates change. Past performance does not guaranty future results.

We design, develop and manufacture standard and custom state-of-the-art equipment and process solutions used to develop and manufacture solar, nano, advanced electronic components, materials and coatings for research and industrial applications with the focus on enabling tomorrow's technologiesTM. We offer a broad range of chemical vapor deposition, gas control and other equipment that is used by our customers to research, design and manufacture semi-conductors, solar cells, smart glass, carbon nanotubes, nanowires, LEDs, MEMS, and industrial coatings, as well as equipment for surface mounting of components onto printed circuit boards. Through our Application Laboratory, we can provide process development support and process startup assistance. Our proprietary products are generally customized to meet the particular specifications of individual customers and to accelerate the commercialization of their proprietary intellectual property.

Based on more than 28 years of experience, we use our engineering, manufacturing and process development to transform new applications into leading-edge manufacturing solutions. This enables university, research and industrial scientists at the cutting edge of technology to develop next generation solar, nano, LEDs, semiconductors and other electronic components. We also develop and manufacture research and production equipment based on our proprietary designs. We have built a significant library of design expertise, know-how and innovative solutions to assist our customers in developing these intricate processes and to accelerate their commercialization of chemically deposited materials. This library of solutions, along with our vertically integrated manufacturing facilities, allows us to provide superior design, process and manufacturing solutions to our customers on a cost effective basis.

Results of Operations

Revenue

Revenue for the year ended December 31, 2010 was approximately $16,258,000 compared to approximately $10,575,000 for the year ended December 31, 2009. Annual revenue from the CVD/First Nano division increased by approximately $4,440,000 or 64.3% to $12,370,000 which represents 76.1% of our total revenue during the year ended December 31, 2010 compared to $7,530,000 or 71.2% of our total revenue for the prior fiscal year. Annual revenue generated from the sale of our CVD products increased by 72% to approximately $6,597,000 and revenue generated from our First NanoTM EasyTubeTM product line increased by 57% to approximately $5,773,000. We continue to experience the increased demand for energy savings, energy generation materials and products needed to address rising energy and environmental costs. This creates a growing need for manufacturing solutions using nanotechnology and thin film coatings on glass, wafers and other substrates or materials. This contrasts with the year ended December 31, 2009 when we experienced delays or reductions in capital expenditures by potential customers due to unfavorable economic conditions and (ii) a significant contract from a CVD division customer being breached during the fourth quarter of 2009 that was previously accounted for under the percentage of completion contract method of revenue recognition.

The accounting treatment applied to the terminated contract was to unwind the contract since, under generally accepted accounting principles in the United States of America, we could not recognize the revenue from this contract. By unwinding the contract, we recorded the sum of the retained initial payment ($3,564,000) and the estimated lower of cost or market basis of the returned equipment ($1,150,000) as an offset to the production costs of the specially manufactured equipment ($4,027,000) accumulated through the date the contract was breached. The effect of unwinding the contract in the fourth quarter of 2009 was to reduce CVD division revenue by $3,564,000, and our total cost of revenue by $4,714,000.

Presented below are tables which summarize our revenue, cost of sales, gross profit and gross profit percent for the CVD Division for the year ended December 31, 2010 as compared to revenue, cost of sales, gross profit and gross profit percent for the CVD Division on a pro forma basis if we were permitted to recognize the revenue under the breached contract in the fourth quarter of 2009:

CVD Equipment Corporation
Year Ended December 31, 2010

	Revenue	Cost of Sales	Gross Profit	Gross Profit %
As reported - 2010	$16,258,000	$10,378,000	$5,880,000	36.2
Pro forma – 2009	$14,139,000	$10,470,000	$3,669,000	25.9

CVD Division
Year Ended December 31, 2010

Revenue	Cost of Sales	Gross Profit	Gross Profit %
$12,370,000	$7,858,000	$4,512,000	

As reported – 2010